

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032122\  
 Data File : VD072339.D  
 Acq On : 21 Mar 2022 14:41  
 Operator : VA/SY  
 Sample : VD0321SBSD01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0321SBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 03/22/2022  
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 02:11:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 05:18:06 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	337606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	557650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	525726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	271565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190340	50.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.180%
35) Dibromofluoromethane	7.908	113	188303	47.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.960%
50) Toluene-d8	10.332	98	674286	46.992	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.980%
62) 4-Bromofluorobenzene	12.620	95	260642	46.749	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	55614	17.810	ug/l	98
3) Chloromethane	2.209	50	49219	17.738	ug/l	100
4) Vinyl Chloride	2.344	62	49362	18.429	ug/l	95
5) Bromomethane	2.756	94	35795	20.523	ug/l	84
6) Chloroethane	2.914	64	35647	20.130	ug/l	96
7) Trichlorofluoromethane	3.267	101	115002	19.013	ug/l	99
8) Diethyl Ether	3.709	74	32118	19.226	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	75452	19.563	ug/l	99
10) Methyl Iodide	4.297	142	42113	13.872	ug/l	99
11) Tert butyl alcohol	5.226	59	23822	109.200	ug/l	96
12) 1,1-Dichloroethene	4.067	96	54136	17.447	ug/l	95
13) Acrolein	3.926	56	18868	96.928	ug/l	100
14) Allyl chloride	4.714	41	103314	19.044	ug/l	94
15) Acrylonitrile	5.420	53	95996	113.883	ug/l	99
16) Acetone	4.150	43	80078	98.027	ug/l	93
17) Carbon Disulfide	4.403	76	84276	12.797	ug/l	95
18) Methyl Acetate	4.720	43	54557	27.253	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	175687	20.832	ug/l	100
20) Methylene Chloride	4.956	84	94026	19.312	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	62357	18.170	ug/l	98
22) Diisopropyl ether	6.361	45	273979	22.141	ug/l	97
23) Vinyl Acetate	6.308	43	642700	101.772	ug/l	97
24) 1,1-Dichloroethane	6.261	63	151899	20.815	ug/l	99
25) 2-Butanone	7.203	43	120698	110.815	ug/l	99
26) 2,2-Dichloropropane	7.203	77	128246	19.477	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	86988	19.853	ug/l	94
28) Bromochloromethane	7.550	49	61732	21.012	ug/l	88
29) Tetrahydrofuran	7.561	42	74114	115.721	ug/l	96
30) Chloroform	7.702	83	165412	21.276	ug/l	99
31) Cyclohexane	7.979	56	98154	16.698	ug/l	# 93
32) 1,1,1-Trichloroethane	7.897	97	137562	19.922	ug/l	98
36) 1,1-Dichloropropene	8.108	75	96817	17.587	ug/l	98
37) Ethyl Acetate	7.291	43	52446	21.748	ug/l	96
38) Carbon Tetrachloride	8.097	117	117284	18.742	ug/l	97
39) Methylcyclohexane	9.349	83	95788	15.462	ug/l	98
40) Benzene	8.350	78	297668	18.953	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	30688	21.833	ug/l	87
42) 1,2-Dichloroethane	8.420	62	102436	21.501	ug/l	98
43) Isopropyl Acetate	8.450	43	99263	21.207	ug/l	95
44) Trichloroethene	9.108	130	81595	18.506	ug/l	100
45) 1,2-Dichloropropane	9.379	63	89631	20.809	ug/l	100
46) Dibromomethane	9.473	93	45119	21.295	ug/l	95
47) Bromodichloromethane	9.655	83	132310	21.421	ug/l	97
48) Methyl methacrylate	9.449	41	48355	21.636	ug/l	88
49) 1,4-Dioxane	9.455	88	10811	425.498	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	285973	116.327	ug/l	96
52) Toluene	10.396	92	199060	19.261	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	114979	20.374	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	131521	20.160	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	71703	22.215	ug/l	98
56) Ethyl methacrylate	10.655	69	79765	21.099	ug/l	88
57) 1,3-Dichloropropane	10.938	76	116188	21.449	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	162545	95.624	ug/l	96
59) 2-Hexanone	10.979	43	192038	113.102	ug/l	98
60) Dibromochloromethane	11.132	129	90457	21.598	ug/l	98
61) 1,2-Dibromoethane	11.238	107	60020	20.579	ug/l	99
64) Tetrachloroethene	10.873	164	65174	17.595	ug/l	95
65) Chlorobenzene	11.661	112	229319	19.675	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	96479	20.933	ug/l	97
67) Ethyl Benzene	11.738	91	389853	18.728	ug/l	98
68) m/p-Xylenes	11.849	106	298870	37.811	ug/l	99
69) o-Xylene	12.173	106	142491	18.846	ug/l	99
70) Styrene	12.185	104	261688	19.821	ug/l	99
71) Bromoform	12.349	173	54026	21.944	ug/l #	100
73) Isopropylbenzene	12.467	105	402731	18.714	ug/l	99
74) N-amyl acetate	12.279	43	100003	21.624	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	87127	22.637	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	65220m	21.772	ug/l	
77) Bromobenzene	12.749	156	97754	20.182	ug/l	93
78) n-propylbenzene	12.808	91	505293	19.331	ug/l	99
79) 2-Chlorotoluene	12.896	91	298208	19.729	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	365725	19.782	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	25198	20.870	ug/l	93
82) 4-Chlorotoluene	12.996	91	311680	19.915	ug/l	100
83) tert-Butylbenzene	13.214	119	309227	19.078	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	367822	20.192	ug/l	99
85) sec-Butylbenzene	13.390	105	476478	19.575	ug/l	99
86) p-Isopropyltoluene	13.502	119	388708	19.407	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	207469	20.438	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	204957	20.361	ug/l	99
89) n-Butylbenzene	13.832	91	375098	19.647	ug/l	100
90) Hexachloroethane	14.096	117	79484	20.247	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	182147	20.580	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12646	20.588	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	115405	19.695	ug/l	97
94) Hexachlorobutadiene	15.249	225	63869	18.738	ug/l	96
95) Naphthalene	15.384	128	202719	20.070	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	102085	20.127	ug/l	97

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**ClientSampleId :**  
 VD0321SBSD01

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 Response via : Initial Calibration

**Manual Integrations**  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

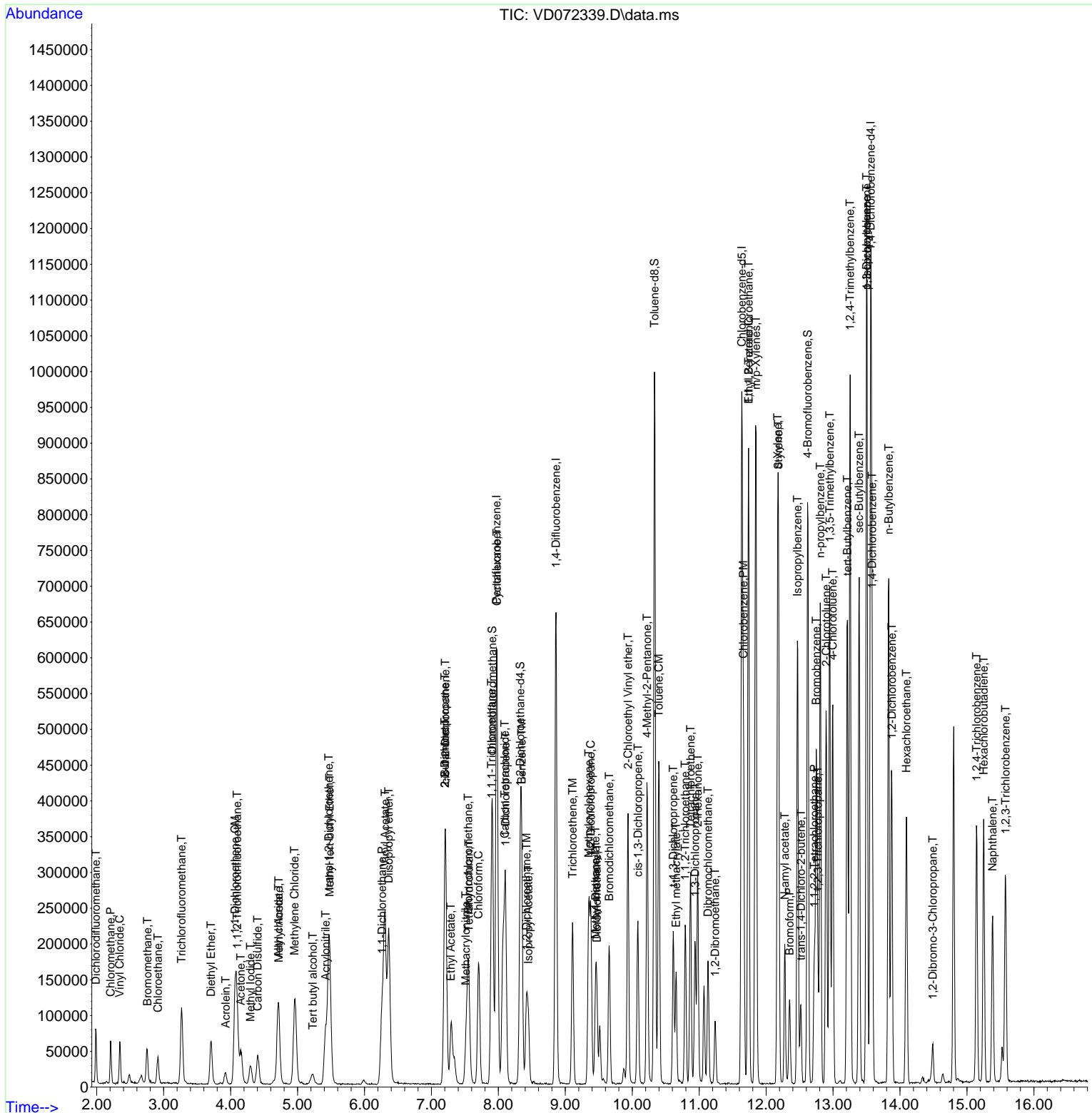
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032122\  
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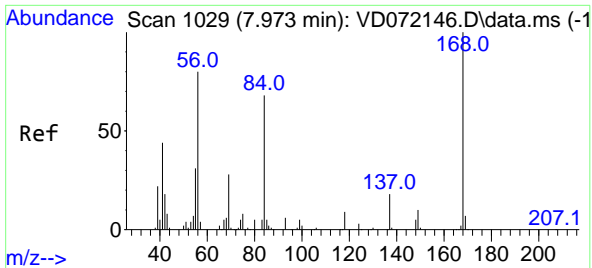
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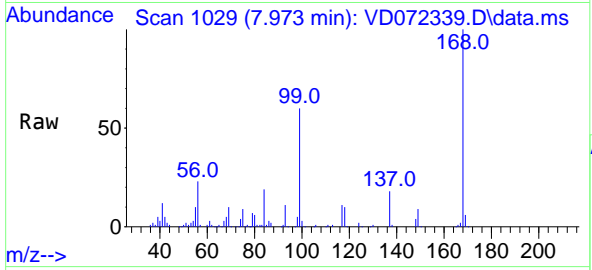
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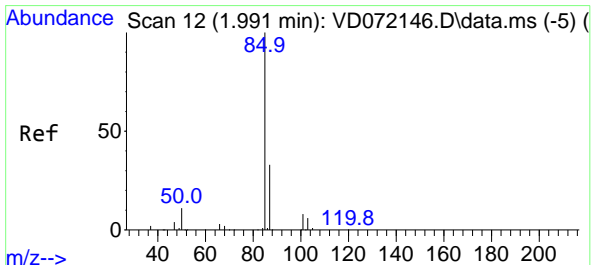
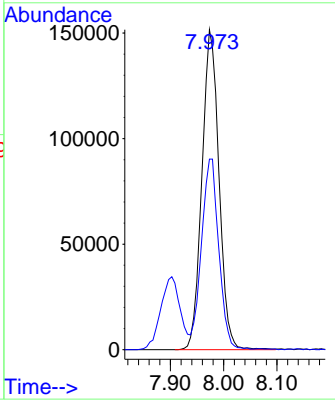
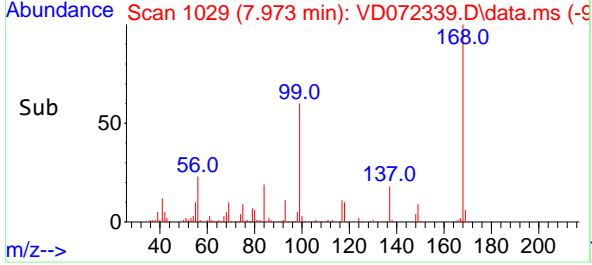
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.973 min Scan# 10  
 Delta R.T. 0.000 min  
 Lab File: VD072339.D  
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Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

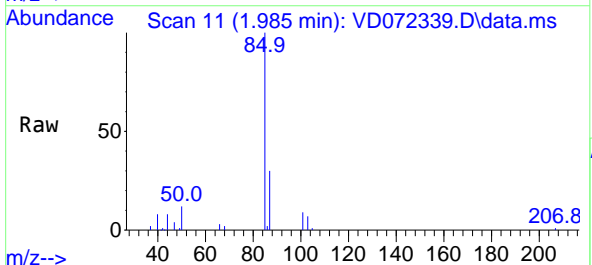


Tgt Ion: 168 Resp: 337600  
 Ion Ratio Lower Upper  
 168 100  
 99 59.3 49.8 74.6

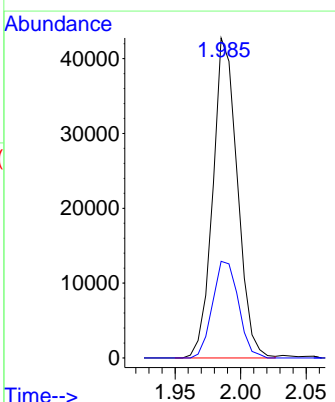
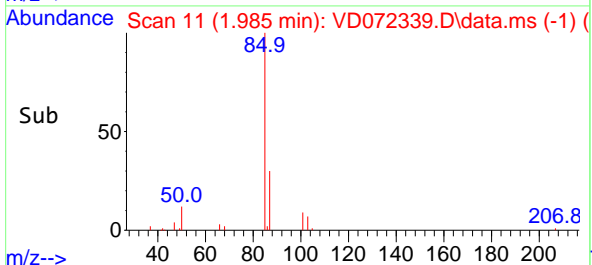
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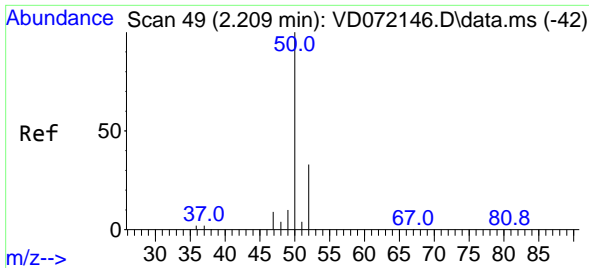


#2  
 Dichlorodifluoromethane  
 Concen: 17.810 ug/l  
 RT: 1.985 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
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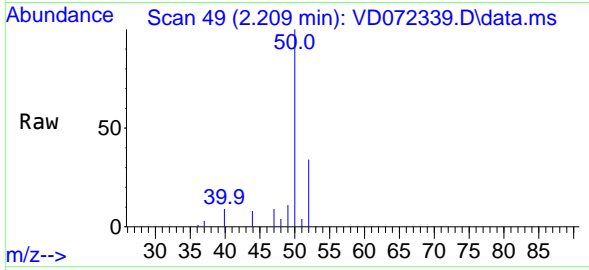
Tgt Ion: 85 Resp: 55614  
 Ion Ratio Lower Upper  
 85 100  
 87 30.2 15.7 47.0





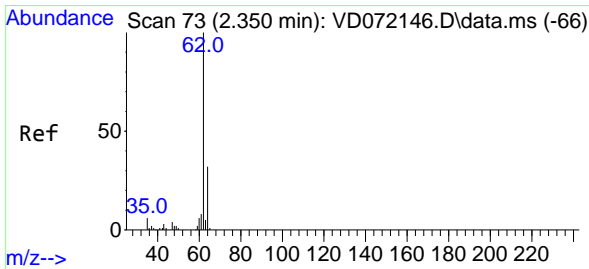
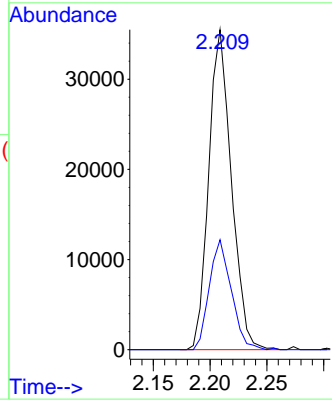
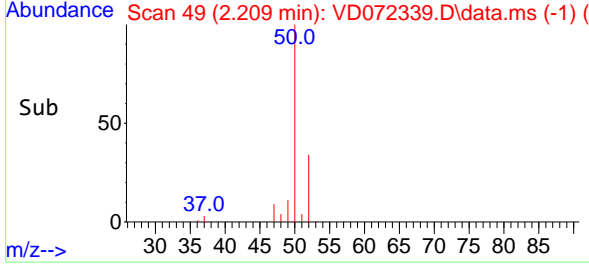
#3  
 Chloromethane  
 Concen: 17.738 ug/l  
 RT: 2.209 min Scan# 49  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
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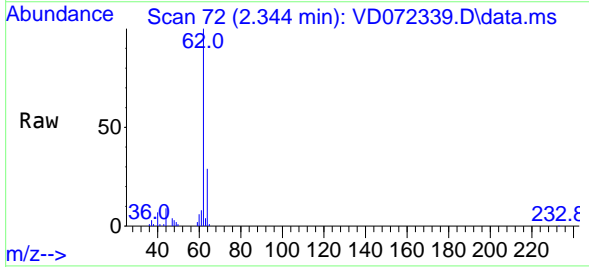


Tgt Ion: 50 Resp: 49219  
 Ion Ratio Lower Upper  
 50 100  
 52 34.4 27.4 41.0

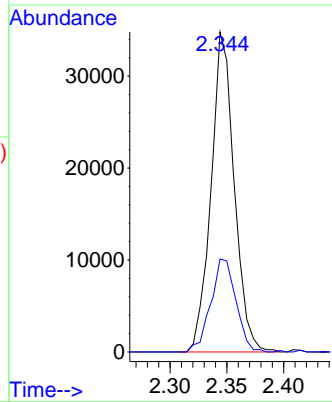
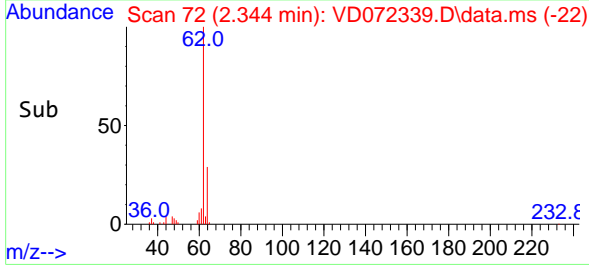
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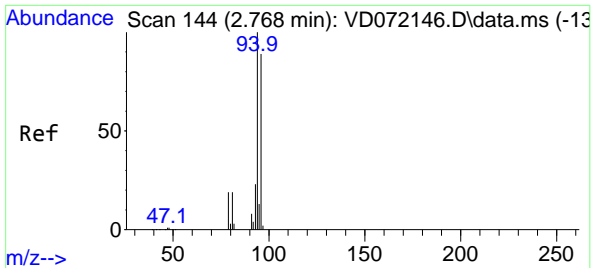


#4  
 Vinyl Chloride  
 Concen: 18.429 ug/l  
 RT: 2.344 min Scan# 72  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
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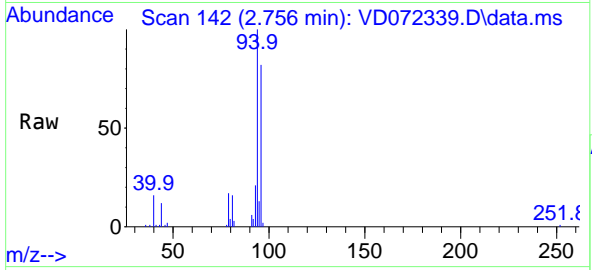
Tgt Ion: 62 Resp: 49362  
 Ion Ratio Lower Upper  
 62 100  
 64 29.1 25.4 38.0





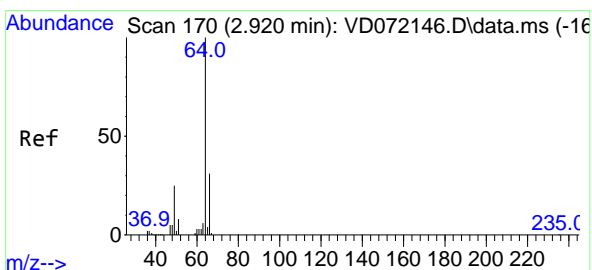
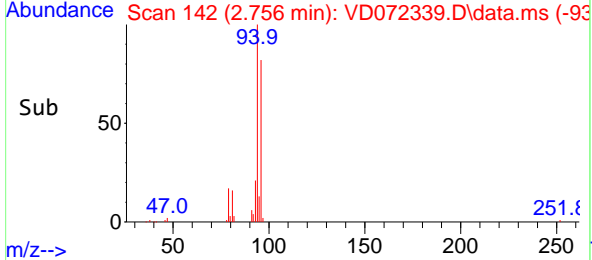
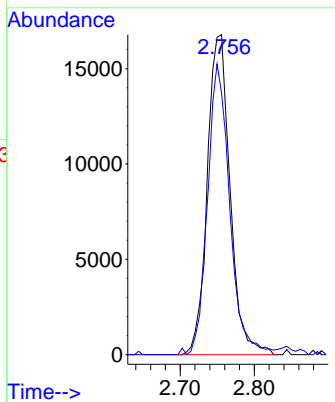
#5  
 Bromomethane  
 Concen: 20.523 ug/l  
 RT: 2.756 min Scan# 144  
 Delta R.T. -0.012 min  
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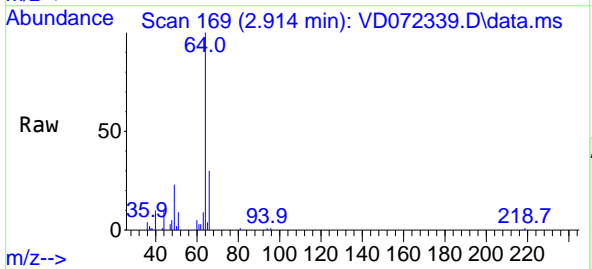


Tgt Ion: 94 Resp: 3579  
 Ion Ratio Lower Upper  
 94 100  
 96 81.7 77.6 116.4

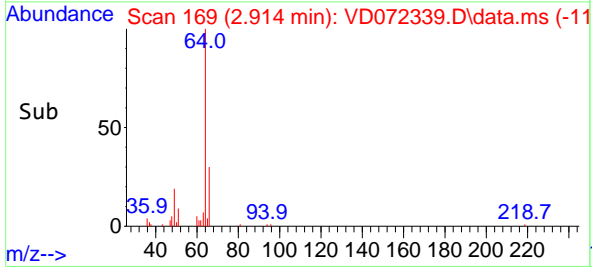
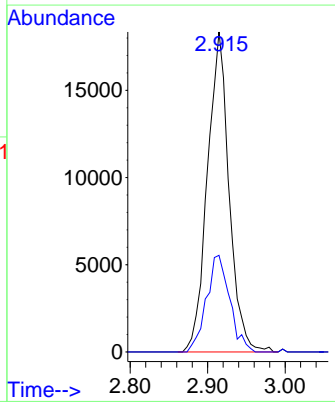
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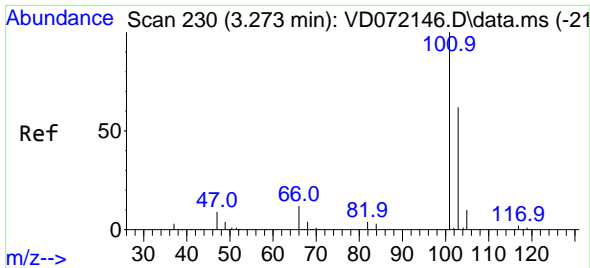


#6  
 Chloroethane  
 Concen: 20.130 ug/l  
 RT: 2.914 min Scan# 169  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 64 Resp: 35647  
 Ion Ratio Lower Upper  
 64 100  
 66 30.2 25.9 38.9





#7  
 Trichlorofluoromethane  
 Concen: 19.013 ug/l  
 RT: 3.267 min Scan# 211  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
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Instrument :

MSVOA\_D

ClientSampleId :

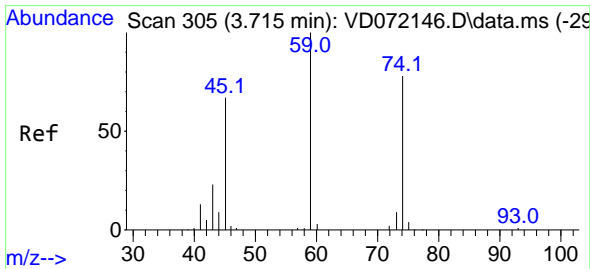
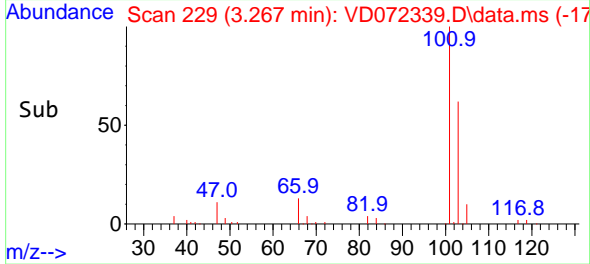
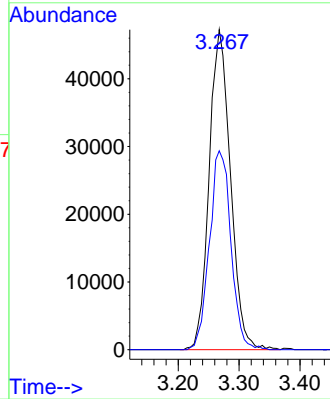
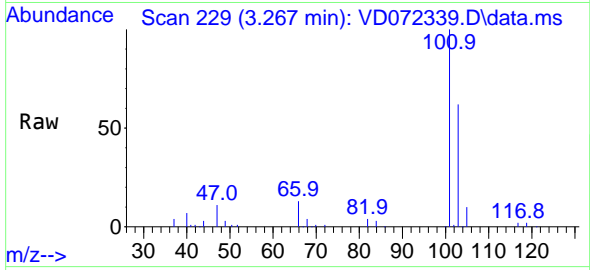
VD0321SBSD01

Tgt Ion:101 Resp: 11500  
 Ion Ratio Lower Upper  
 101 100  
 103 62.1 50.1 75.1

Manual Integrations

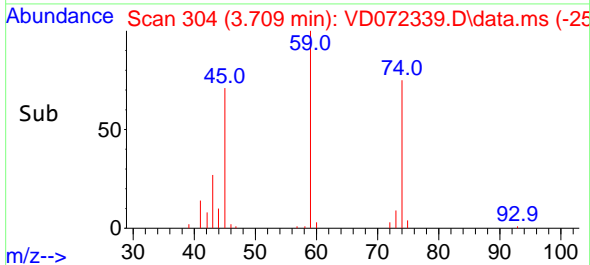
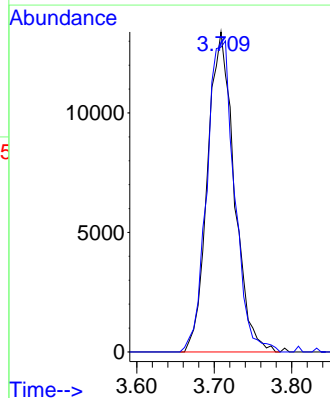
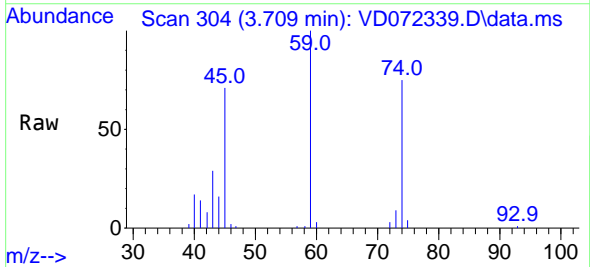
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Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

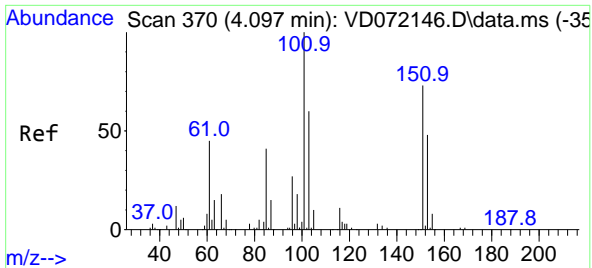


#8  
 Diethyl Ether  
 Concen: 19.226 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Tgt Ion: 74 Resp: 32118  
 Ion Ratio Lower Upper  
 74 100  
 45 101.0 52.6 157.8

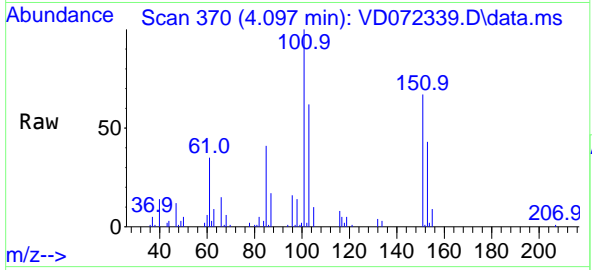






#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 19.563 ug/l  
 RT: 4.097 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

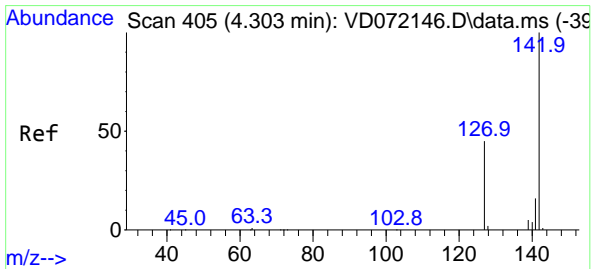
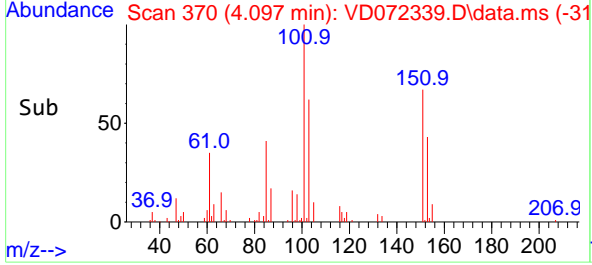
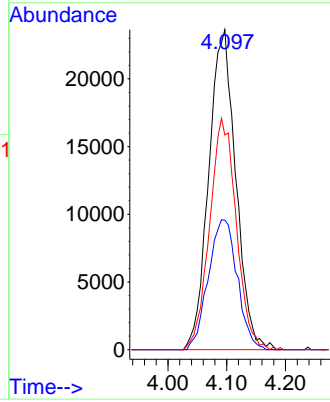
Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBS01



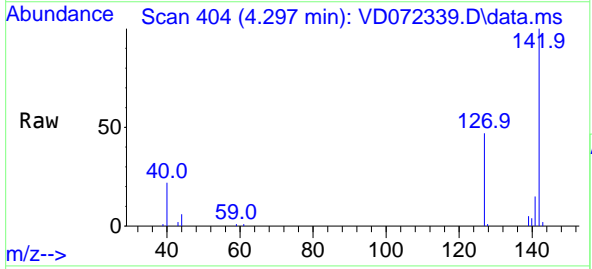
Tgt Ion:101 Resp: 7545

Ion	Ratio	Lower	Upper
101	100		
85	43.4	36.4	54.6
151	71.4	57.3	85.9

Manual Integrations  
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 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

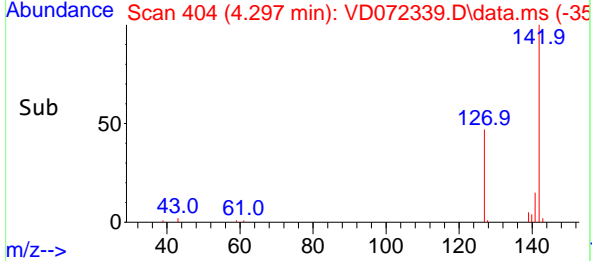
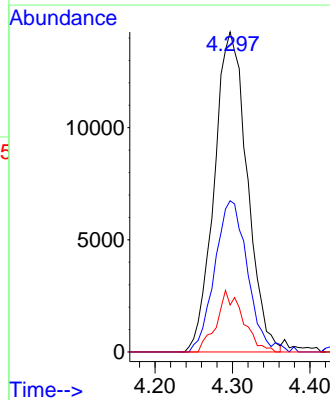


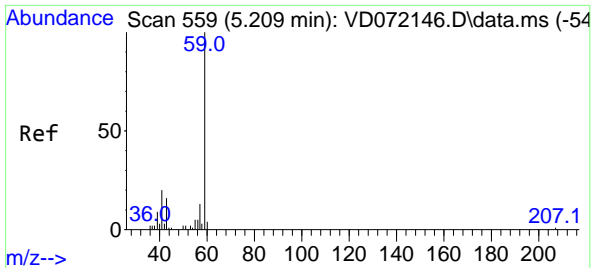
#10  
 Methyl Iodide  
 Concen: 13.872 ug/l  
 RT: 4.297 min Scan# 404  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:142 Resp: 42113

Ion	Ratio	Lower	Upper
142	100		
127	47.1	37.3	55.9
141	15.5	11.7	17.5





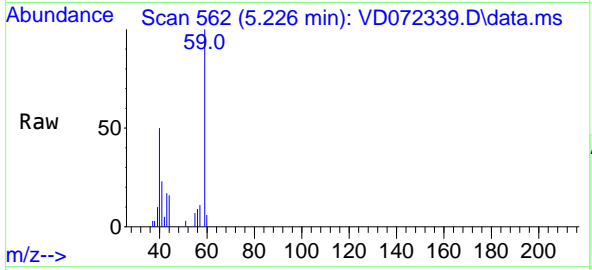
#11  
 Tert butyl alcohol  
 Concen: 109.200 ug/l  
 RT: 5.226 min Scan# 50  
 Delta R.T. 0.018 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

Client SampleID :

VD0321SBSD01



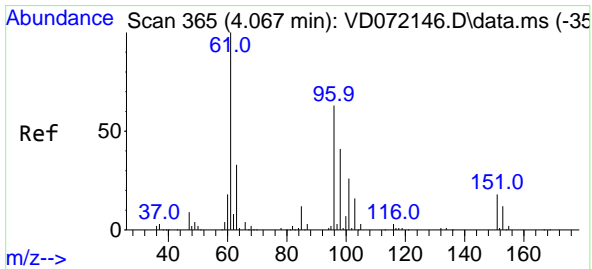
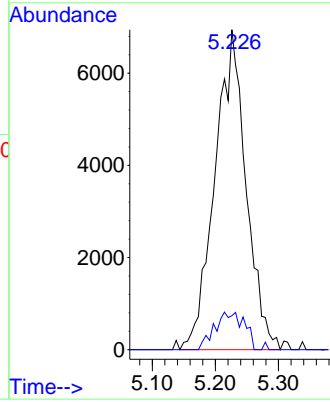
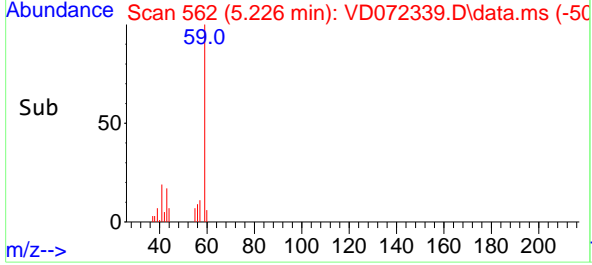
Tgt Ion: 59 Resp: 2382  
 Ion Ratio Lower Upper  
 59 100  
 57 11.1 7.8 11.6

Manual Integrations

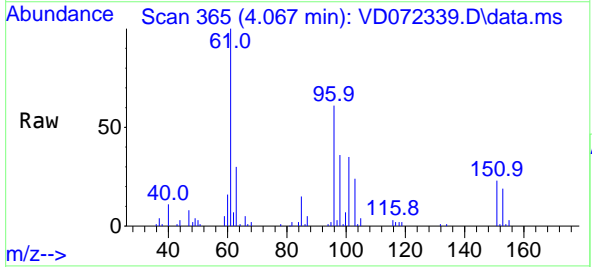
APPROVED

Reviewed By :John Carlone 03/22/2022

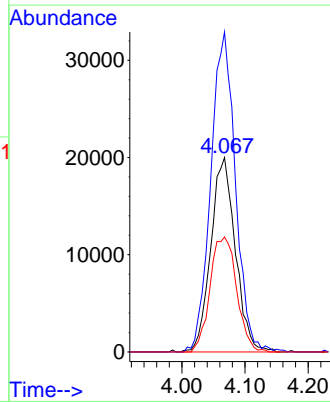
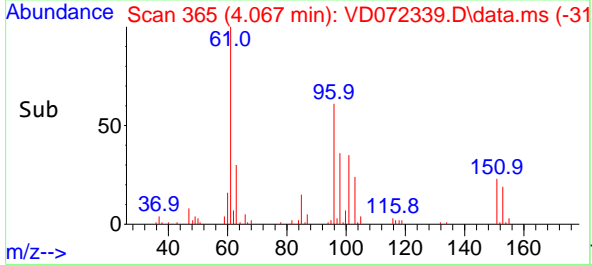
Supervised By :Mahesh Dadoda 03/22/2022

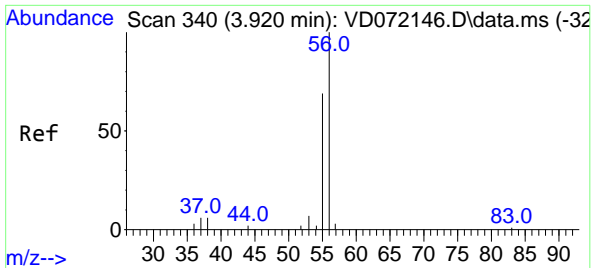


#12  
 1,1-Dichloroethene  
 Concen: 17.447 ug/l  
 RT: 4.067 min Scan# 365  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



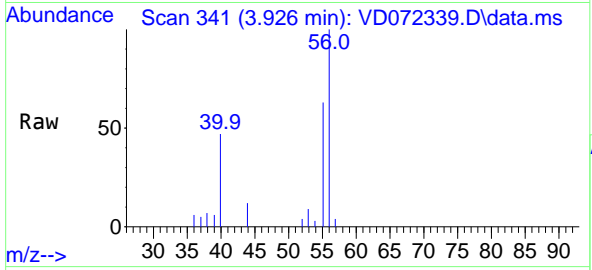
Tgt Ion: 96 Resp: 54136  
 Ion Ratio Lower Upper  
 96 100  
 61 164.6 138.5 207.7  
 98 59.2 48.6 73.0





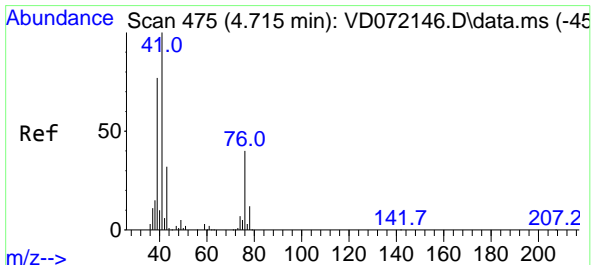
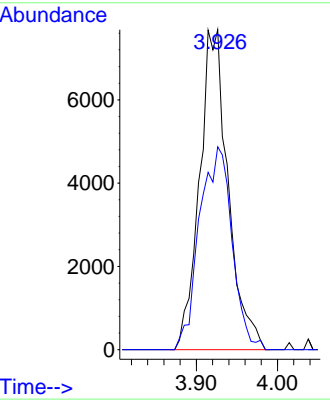
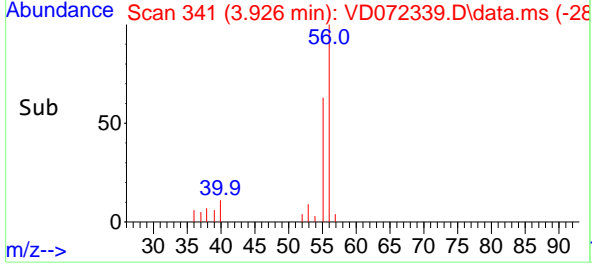
#13  
 Acrolein  
 Concen: 96.928 ug/l  
 RT: 3.926 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

**Instrument :**  
 MSVOA\_D  
**Client SampleID :**  
 VD0321SBSD01

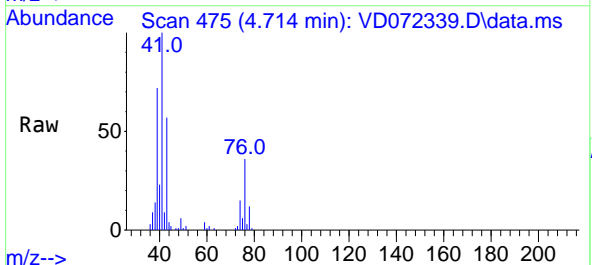


Tgt Ion: 56 Resp: 1886  
 Ion Ratio Lower Upper  
 56 100  
 55 71.8 57.1 85.7

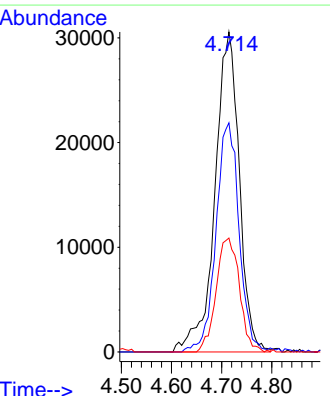
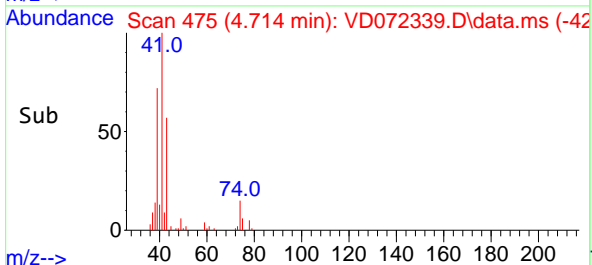
**Manual Integrations**  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

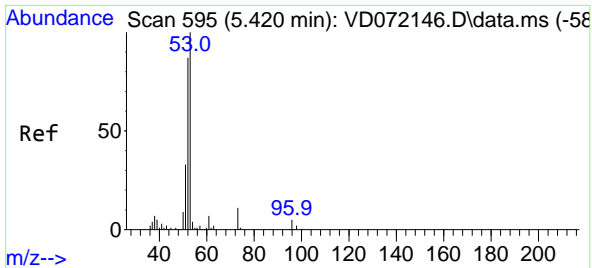


#14  
 Allyl chloride  
 Concen: 19.044 ug/l  
 RT: 4.714 min Scan# 475  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



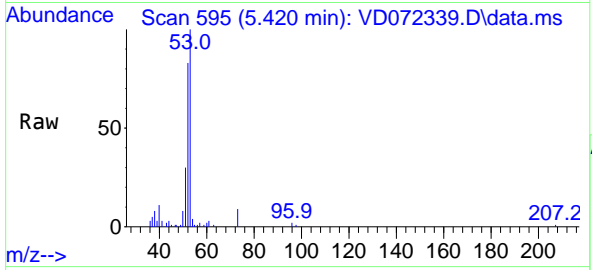
Tgt Ion: 41 Resp: 103314  
 Ion Ratio Lower Upper  
 41 100  
 39 67.7 59.3 88.9  
 76 34.0 25.7 38.5





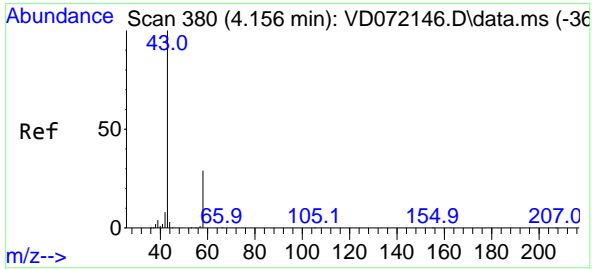
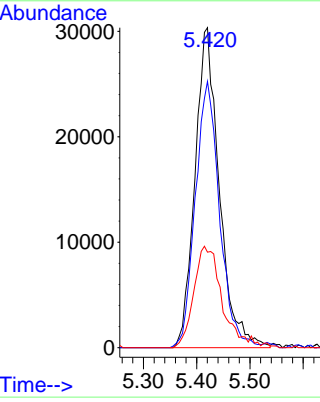
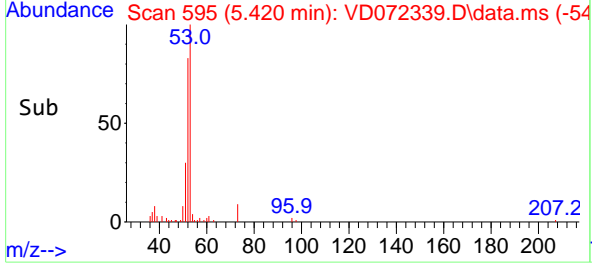
#15  
 Acrylonitrile  
 Concen: 113.883 ug/l  
 RT: 5.420 min Scan# 595  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample ID : VD0321SBS01

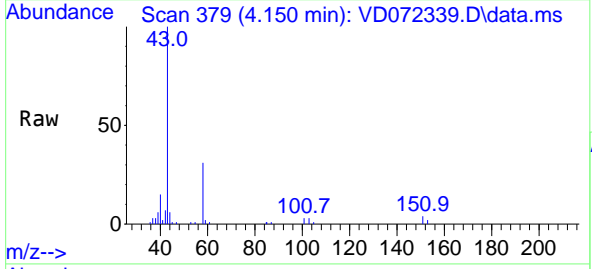


Tgt Ion: 53 Resp: 95990  
 Ion Ratio Lower Upper  
 53 100  
 52 83.2 67.2 100.8  
 51 36.8 30.3 45.5

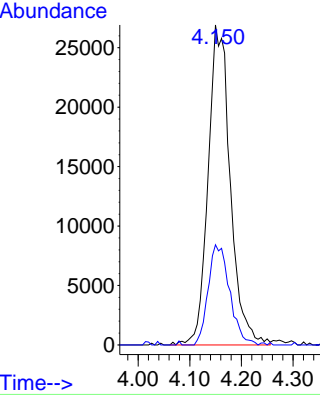
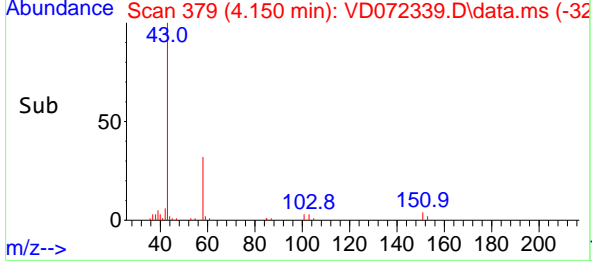
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 03/22/2022  
 Supervised By : Mahesh Dadoda 03/22/2022

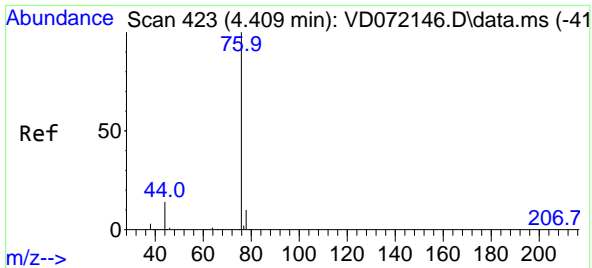


#16  
 Acetone  
 Concen: 98.027 ug/l  
 RT: 4.150 min Scan# 379  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



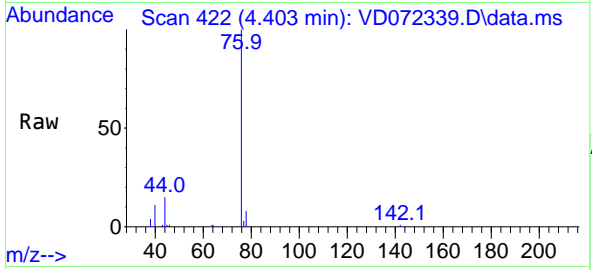
Tgt Ion: 43 Resp: 80078  
 Ion Ratio Lower Upper  
 43 100  
 58 31.3 22.1 33.1





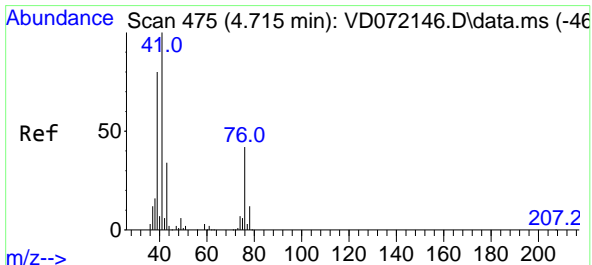
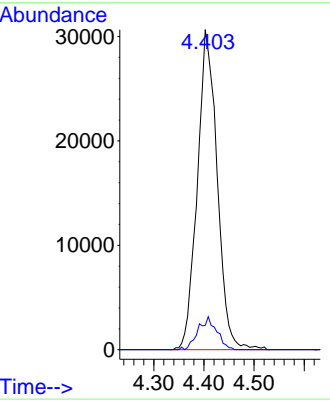
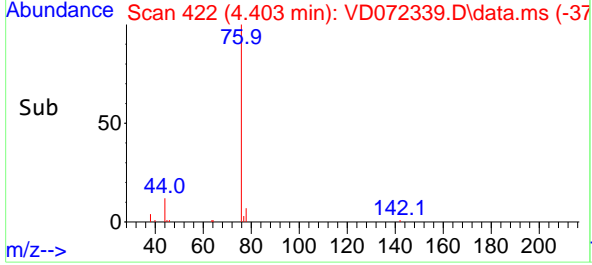
#17  
 Carbon Disulfide  
 Concen: 12.797 ug/l  
 RT: 4.403 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample ID : VD0321SBSD01

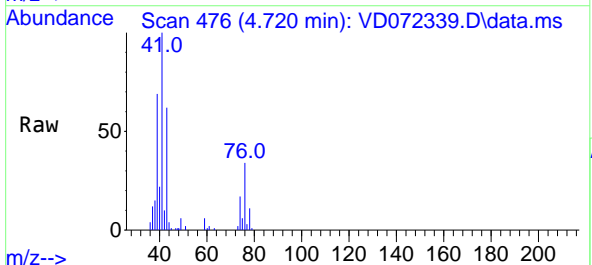


Tgt Ion: 76 Resp: 84270  
 Ion Ratio Lower Upper  
 76 100  
 78 7.6 7.5 11.3

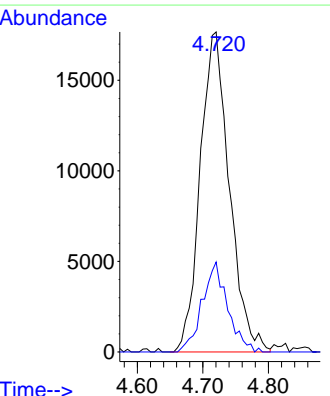
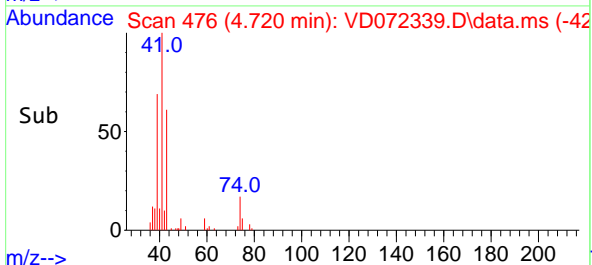
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 03/22/2022  
 Supervised By : Mahesh Dadoda 03/22/2022

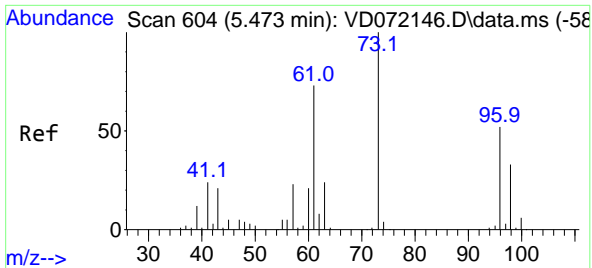


#18  
 Methyl Acetate  
 Concen: 27.253 ug/l  
 RT: 4.720 min Scan# 476  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



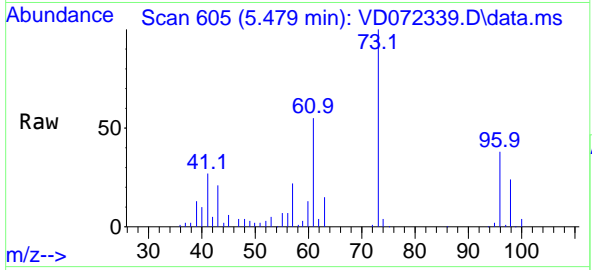
Tgt Ion: 43 Resp: 54557  
 Ion Ratio Lower Upper  
 43 100  
 74 24.5 16.7 25.1





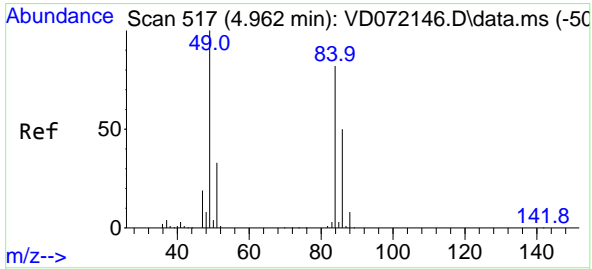
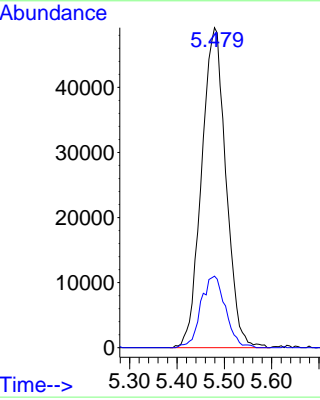
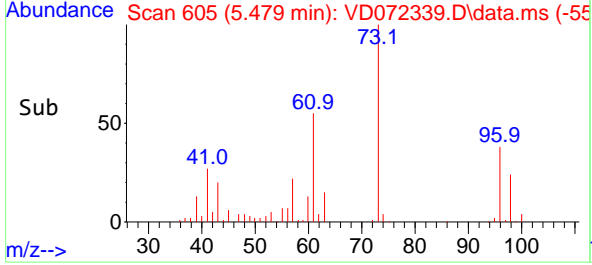
#19  
 Methyl tert-butyl Ether  
 Concen: 20.832 ug/l  
 RT: 5.479 min Scan# 604  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

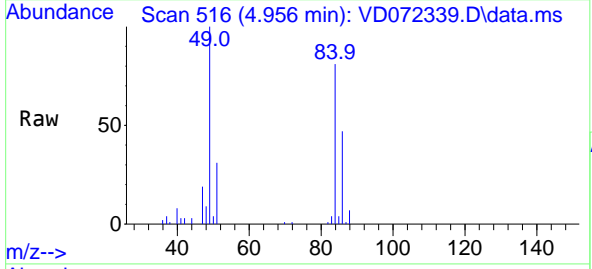


Tgt Ion: 73 Resp: 17568  
 Ion Ratio Lower Upper  
 73 100  
 57 22.4 18.0 27.0

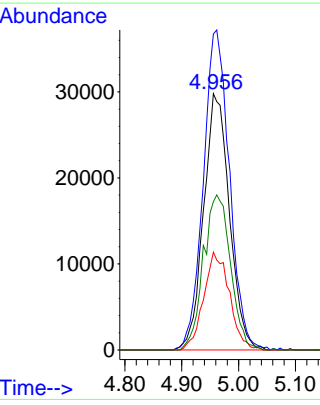
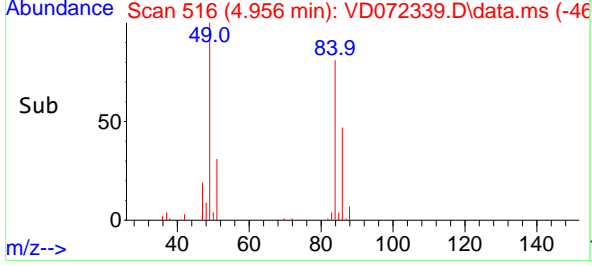
Manual Integrations  
**APPROVED**  
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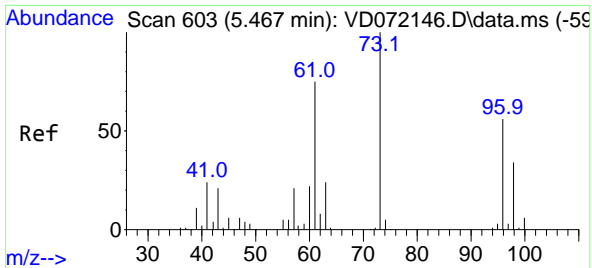


#20  
 Methylene Chloride  
 Concen: 19.312 ug/l  
 RT: 4.956 min Scan# 516  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



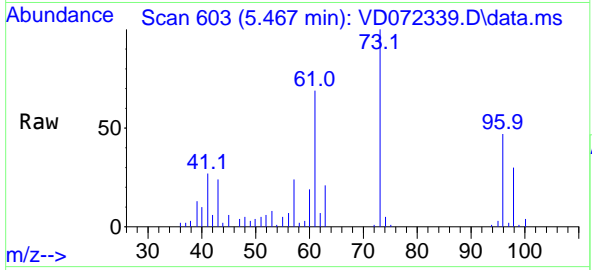
Tgt Ion: 84 Resp: 94026  
 Ion Ratio Lower Upper  
 84 100  
 49 123.3 112.8 169.2  
 51 38.2 32.6 48.8  
 86 57.9 47.9 71.9





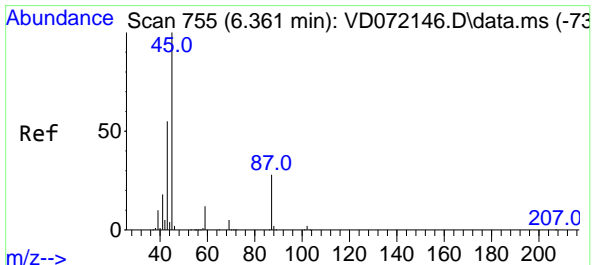
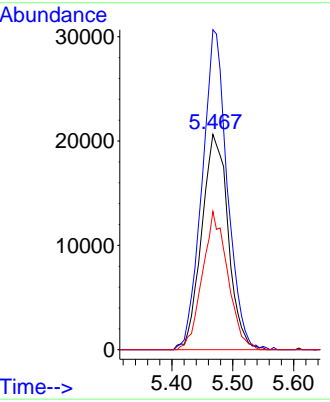
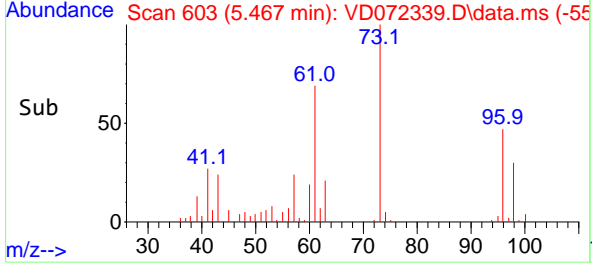
#21  
 trans-1,2-Dichloroethene  
 Concen: 18.170 ug/l  
 RT: 5.467 min Scan# 603  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBS01

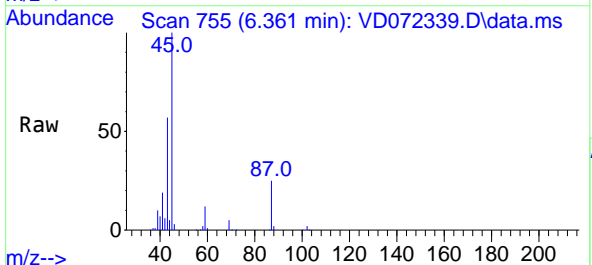


Tgt Ion: 96 Resp: 6235  
 Ion Ratio Lower Upper  
 96 100  
 61 148.6 117.9 176.9  
 98 64.2 49.4 74.2

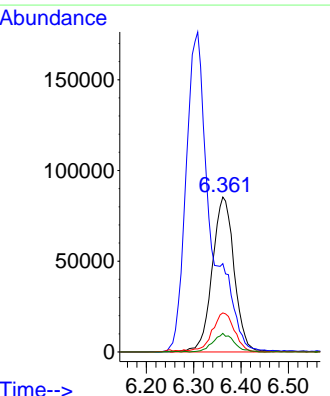
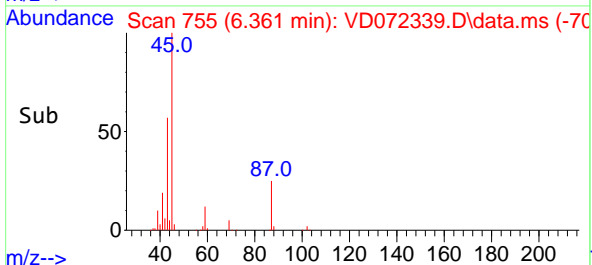
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

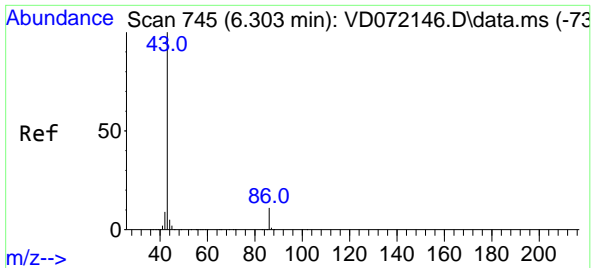


#22  
 Diisopropyl ether  
 Concen: 22.141 ug/l  
 RT: 6.361 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



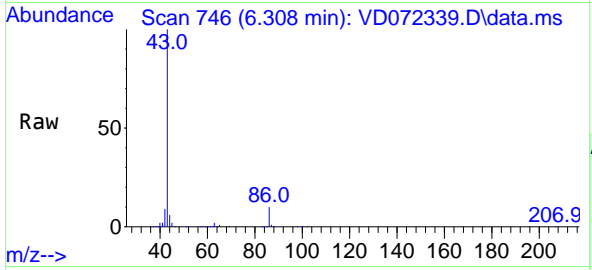
Tgt Ion: 45 Resp: 273979  
 Ion Ratio Lower Upper  
 45 100  
 43 56.2 46.6 70.0  
 87 24.9 18.4 27.6  
 59 12.0 8.6 13.0





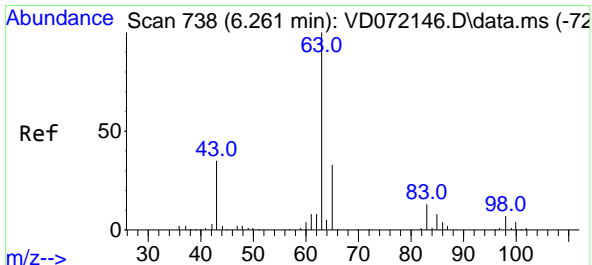
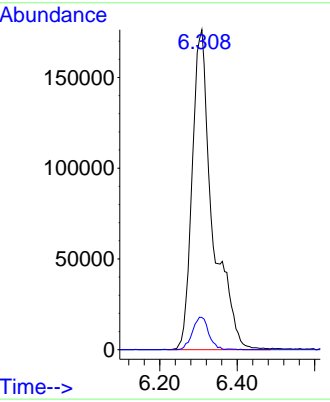
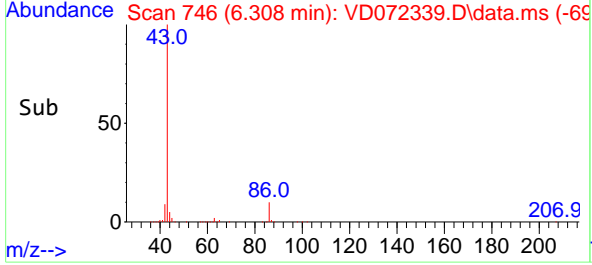
#23  
 Vinyl Acetate  
 Concen: 101.772 ug/l  
 RT: 6.308 min Scan# 745  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

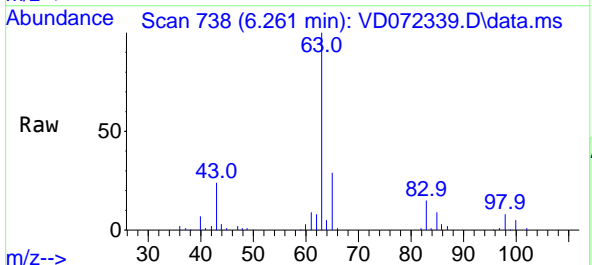


Tgt Ion: 43 Resp: 642700  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.1 10.7

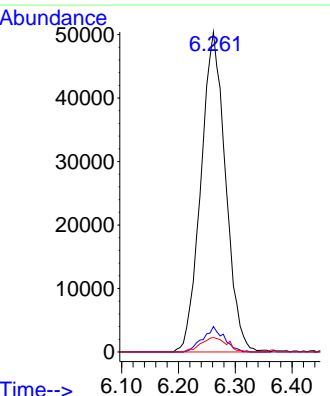
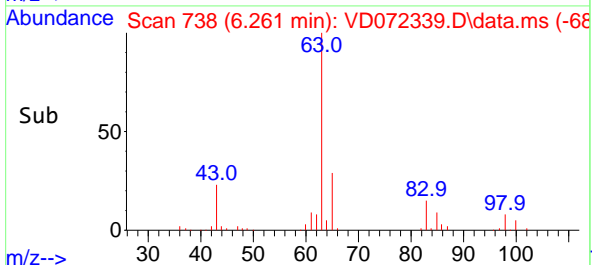
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 03/22/2022  
 Supervised By : Mahesh Dadoda 03/22/2022



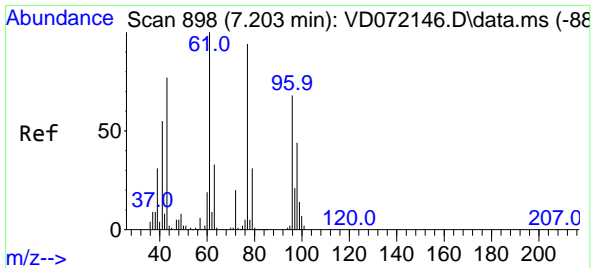
#24  
 1,1-Dichloroethane  
 Concen: 20.815 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 63 Resp: 151899  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.6 10.9  
 100 4.5 2.1 6.5







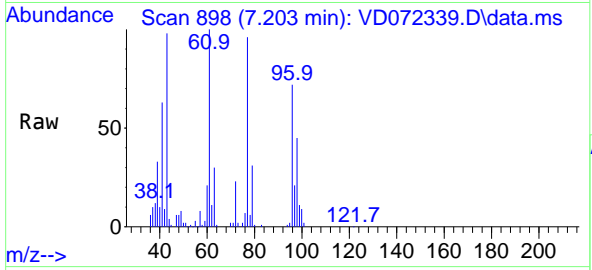
#25  
 2-Butanone  
 Concen: 110.815 ug/l  
 RT: 7.203 min Scan# 898  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

ClientSampleID :

VD0321SBS01



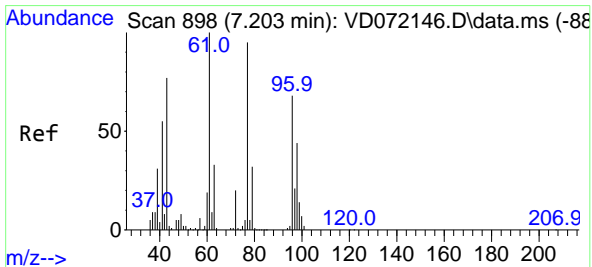
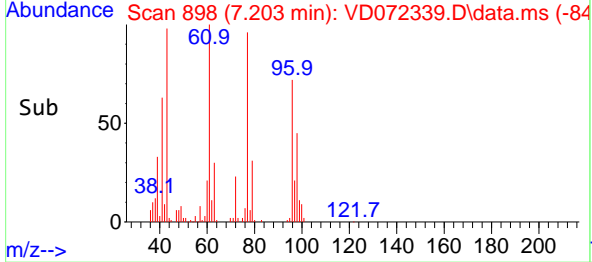
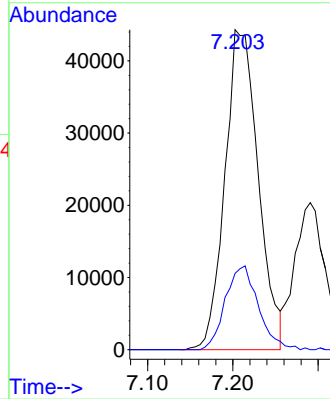
Tgt Ion: 43 Resp: 120698  
 Ion Ratio Lower Upper  
 43 100  
 72 23.9 18.6 27.8

Manual Integrations

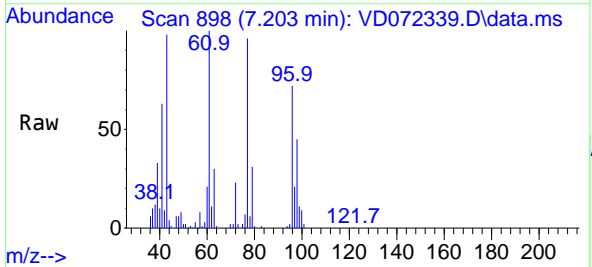
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Reviewed By :John Carlone 03/22/2022

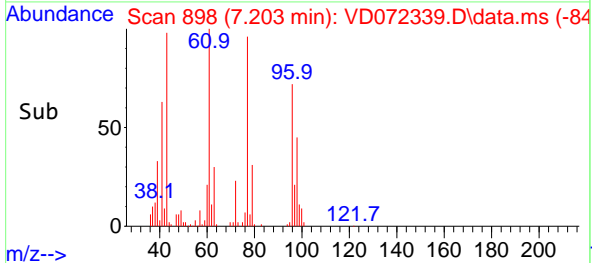
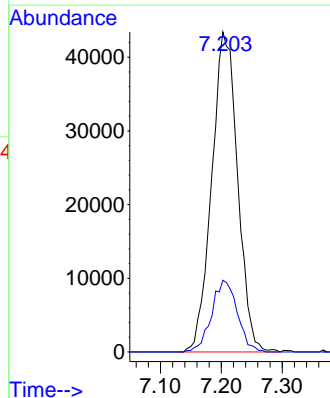
Supervised By :Mahesh Dadoda 03/22/2022

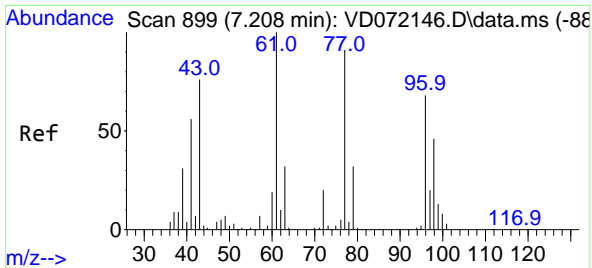


#26  
 2,2-Dichloropropane  
 Concen: 19.477 ug/l  
 RT: 7.203 min Scan# 898  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



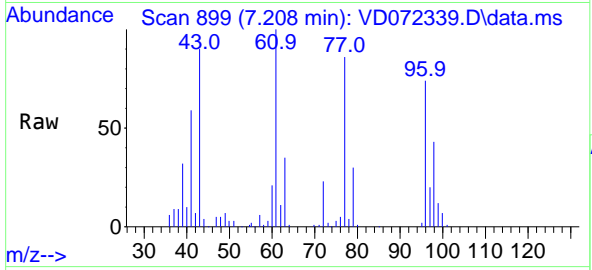
Tgt Ion: 77 Resp: 128246  
 Ion Ratio Lower Upper  
 77 100  
 97 22.3 10.8 32.4





#27  
 cis-1,2-Dichloroethene  
 Concen: 19.853 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

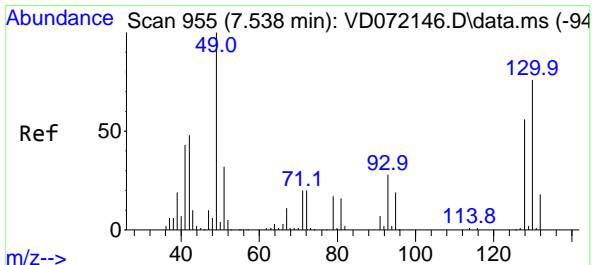
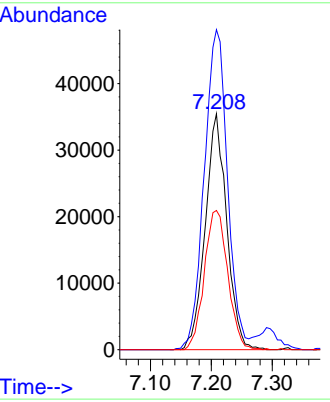
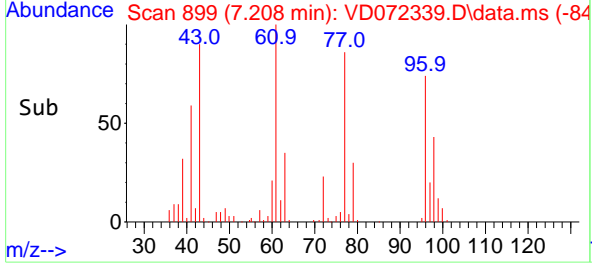
Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01



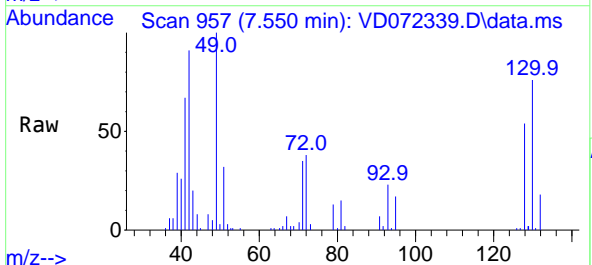
Tgt Ion: 96 Resp: 8698

Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	313.8
98	64.5	0.0	128.8

Manual Integrations  
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 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

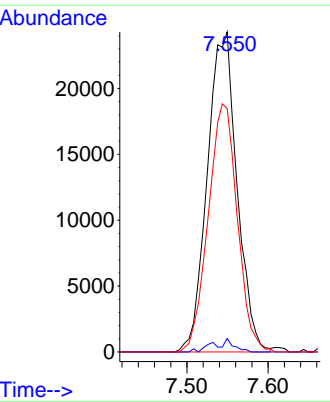
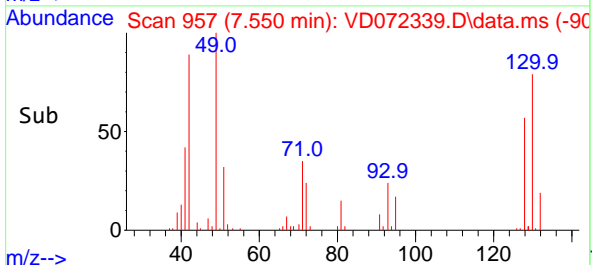


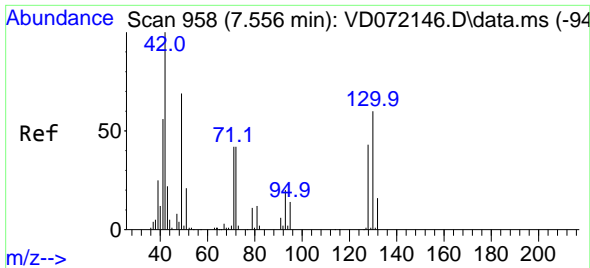
#28  
 Bromochloromethane  
 Concen: 21.012 ug/l  
 RT: 7.550 min Scan# 957  
 Delta R.T. 0.012 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 49 Resp: 61732

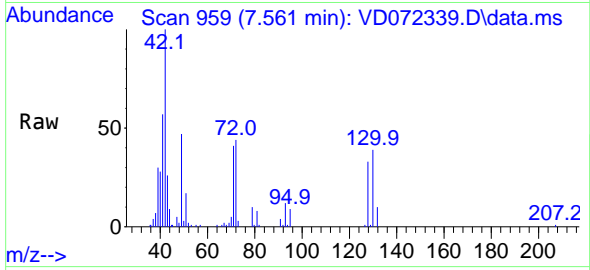
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	76.0	52.6	79.0





#29  
 Tetrahydrofuran  
 Concen: 115.721 ug/l  
 RT: 7.561 min Scan# 911  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

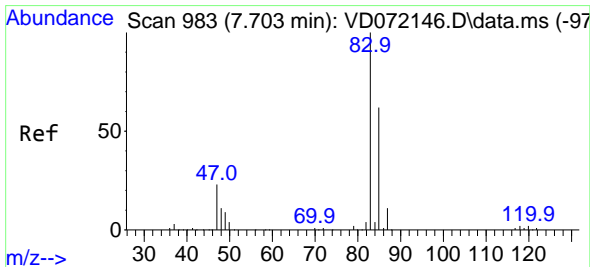
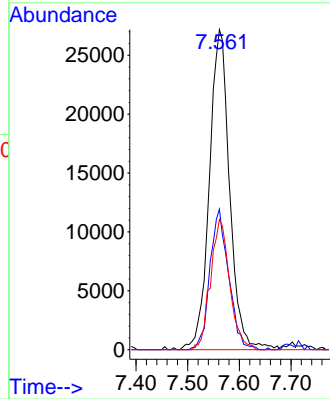
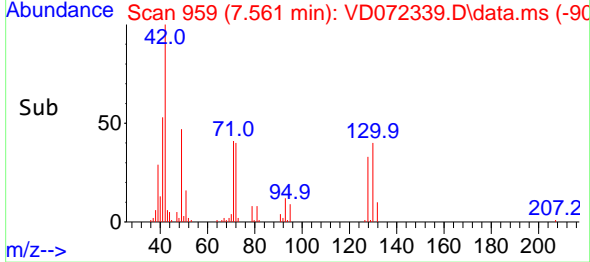
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0321SBSD01



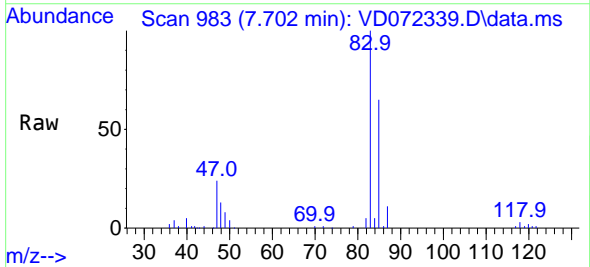
Tgt Ion: 42 Resp: 74114  
 Ion Ratio Lower Upper  
 42 100  
 72 40.4 30.7 46.1  
 71 38.5 28.6 43.0

Manual Integrations  
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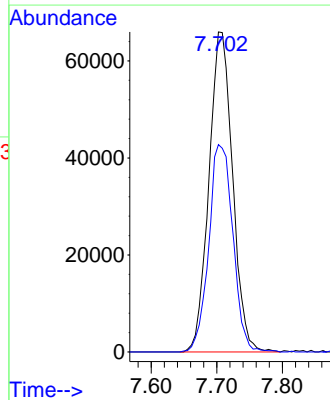
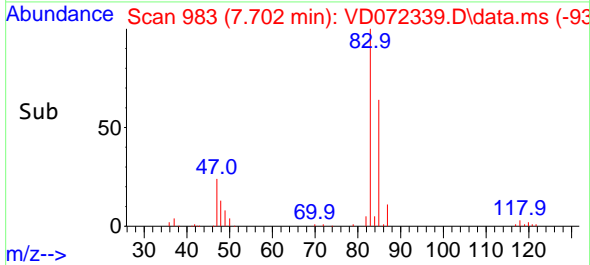
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

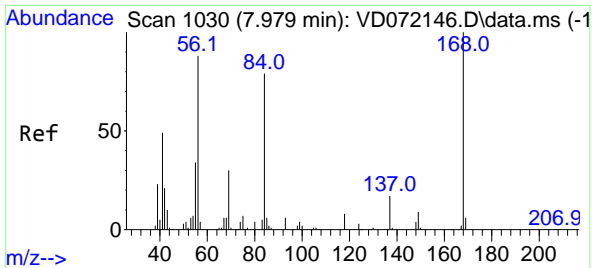


#30  
 Chloroform  
 Concen: 21.276 ug/l  
 RT: 7.702 min Scan# 983  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



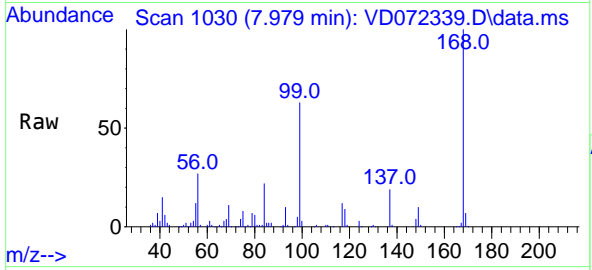
Tgt Ion: 83 Resp: 165412  
 Ion Ratio Lower Upper  
 83 100  
 85 64.8 52.7 79.1





#31  
 Cyclohexane  
 Concen: 16.698 ug/l  
 RT: 7.979 min Scan# 1016  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

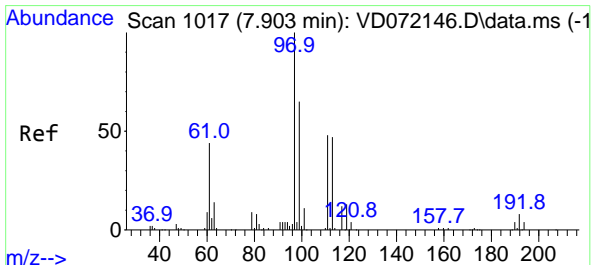
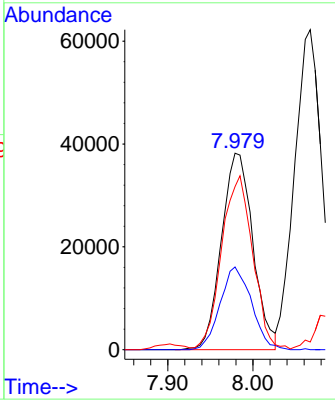
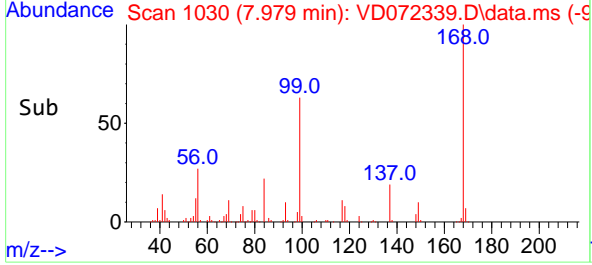
Instrument : MSVOA\_D  
 ClientSampleID : VD0321SBSD01



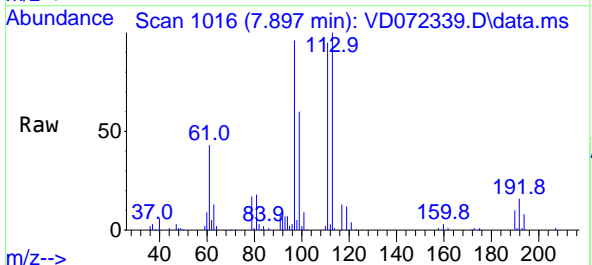
Tgt Ion: 56 Resp: 98154

Ion	Ratio	Lower	Upper
56	100		
69	41.4	25.4	38.2
84	80.7	63.0	94.4

Manual Integrations  
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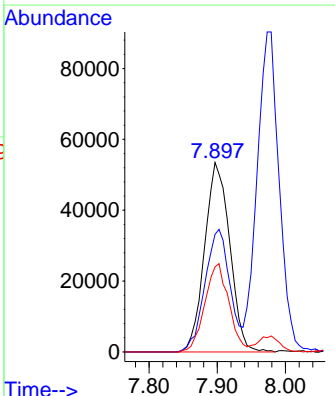
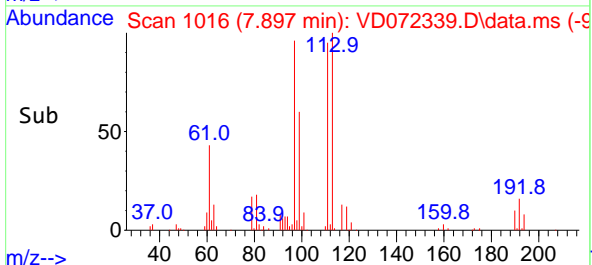


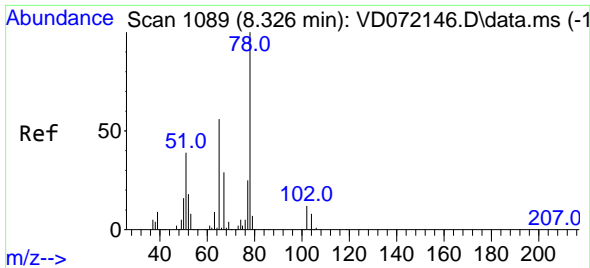
#32  
 1,1,1-Trichloroethane  
 Concen: 19.922 ug/l  
 RT: 7.897 min Scan# 1016  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 97 Resp: 137562

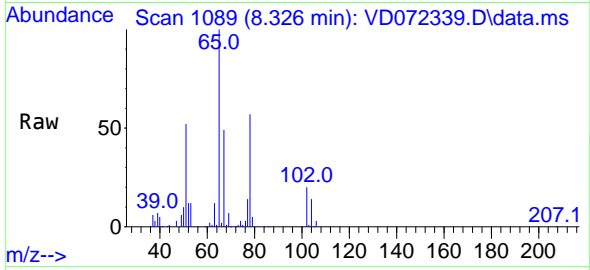
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.4	78.6
61	44.5	38.0	57.0





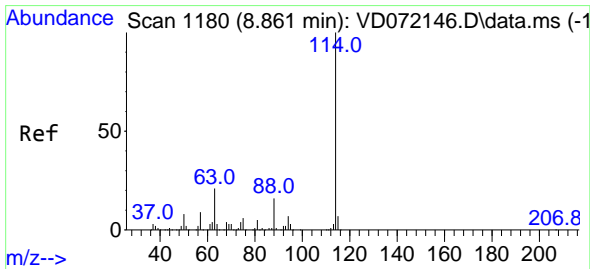
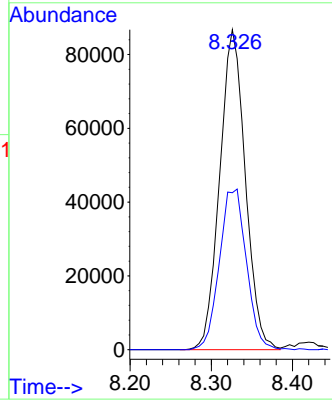
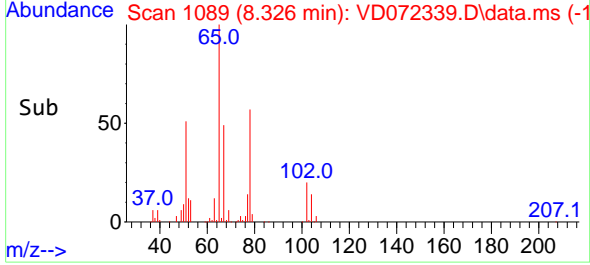
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.590 ug/l  
 RT: 8.326 min Scan# 1089  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

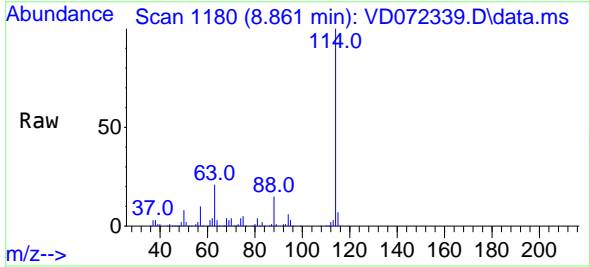


Tgt Ion: 65 Resp: 190340  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 101.4

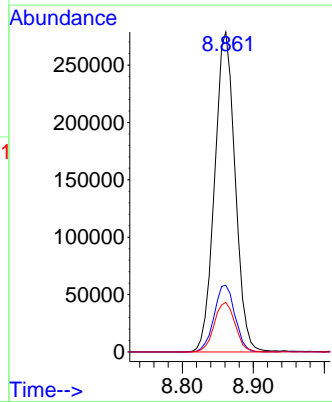
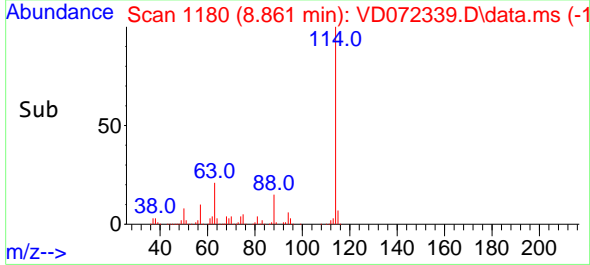
Manual Integrations  
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 Supervised By : Mahesh Dadoda 03/22/2022

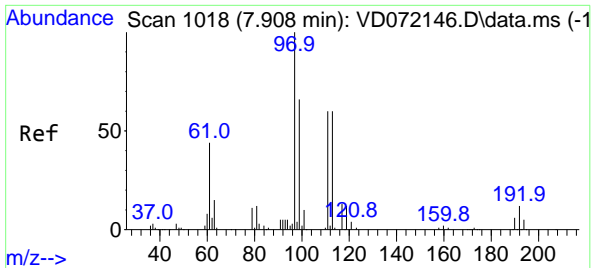


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.861 min Scan# 1180  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



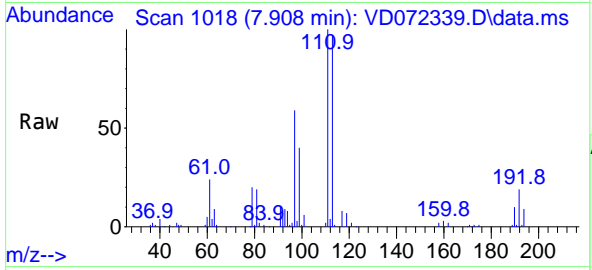
Tgt Ion: 114 Resp: 557650  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 46.6  
 88 15.5 0.0 33.2





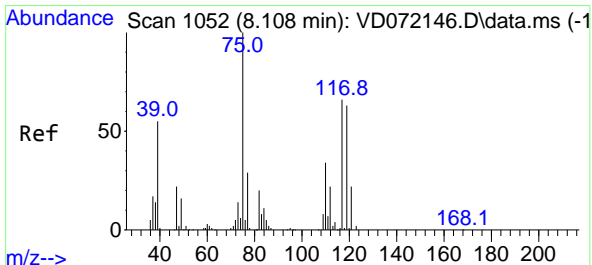
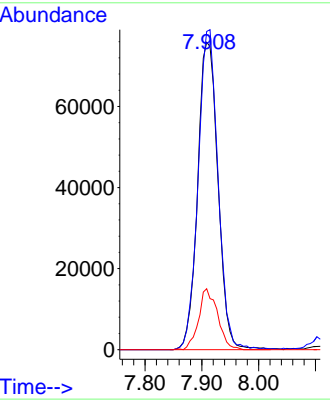
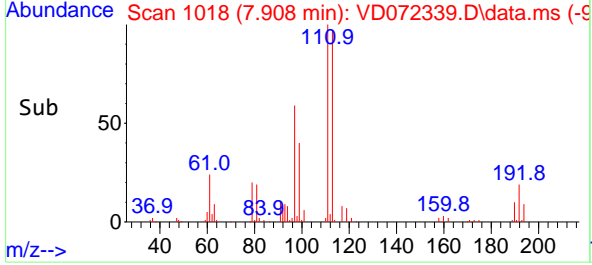
#35  
 Dibromofluoromethane  
 Concen: 47.985 ug/l  
 RT: 7.908 min Scan# 1018  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

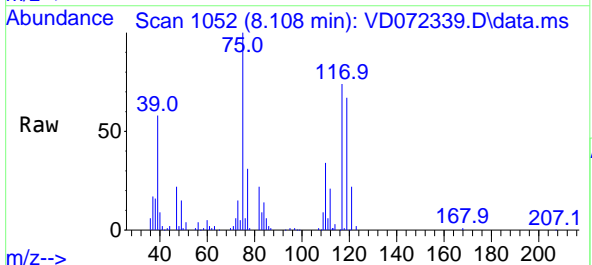


Tgt Ion: 113 Resp: 18830  
 Ion Ratio Lower Upper  
 113 100  
 111 101.7 83.8 125.6  
 192 18.6 14.6 21.8

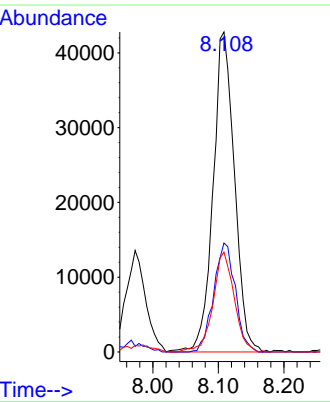
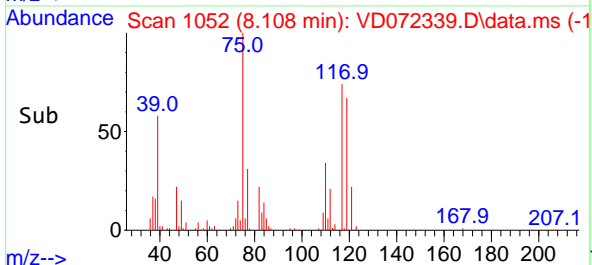
Manual Integrations  
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 Reviewed By : John Carlone 03/22/2022  
 Supervised By : Mahesh Dadoda 03/22/2022

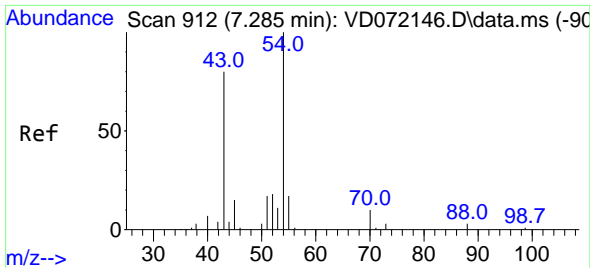


#36  
 1,1-Dichloropropene  
 Concen: 17.587 ug/l  
 RT: 8.108 min Scan# 1052  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 75 Resp: 96817  
 Ion Ratio Lower Upper  
 75 100  
 110 34.5 16.4 49.1  
 77 30.9 24.2 36.2





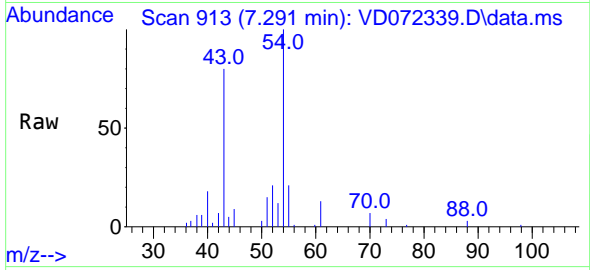
#37  
 Ethyl Acetate  
 Concen: 21.748 ug/l  
 RT: 7.291 min Scan# 912  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

Client SampleID :

VD0321SBSD01



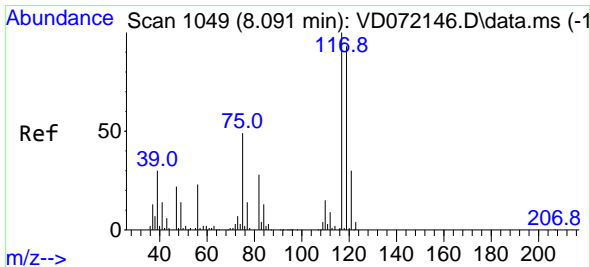
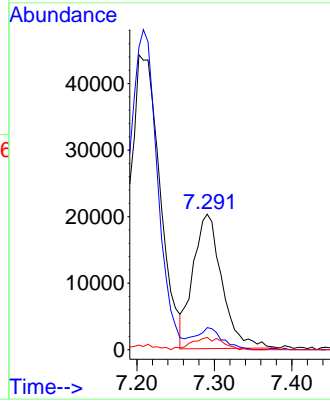
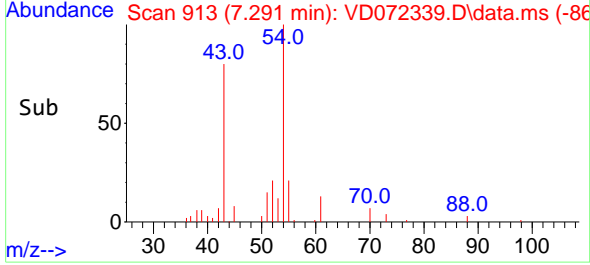
Tgt Ion: 43 Resp: 52440  
 Ion Ratio Lower Upper  
 43 100  
 61 14.2 9.8 14.8  
 70 9.6 6.9 10.3

Manual Integrations

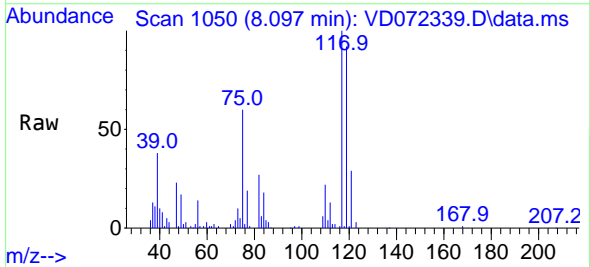
APPROVED

Reviewed By :John Carlone 03/22/2022

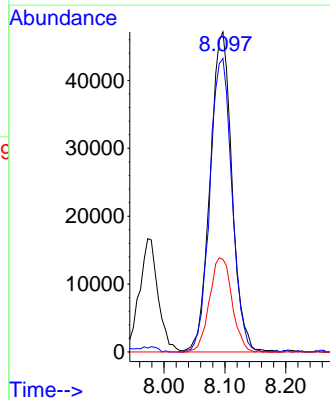
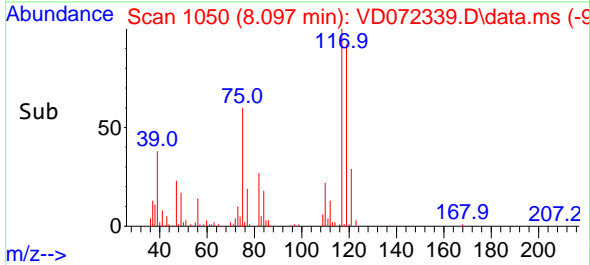
Supervised By :Mahesh Dadoda 03/22/2022

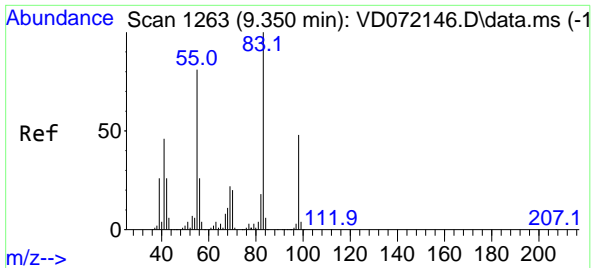


#38  
 Carbon Tetrachloride  
 Concen: 18.742 ug/l  
 RT: 8.097 min Scan# 1050  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



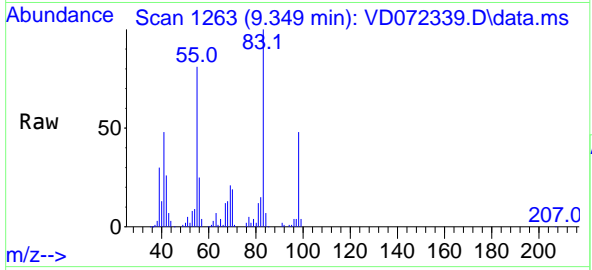
Tgt Ion:117 Resp: 117284  
 Ion Ratio Lower Upper  
 117 100  
 119 91.7 75.8 113.6  
 121 29.0 24.5 36.7





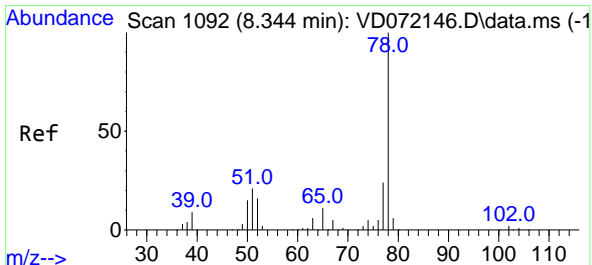
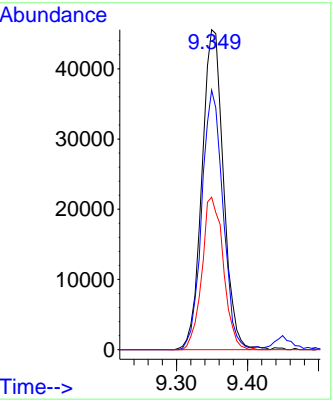
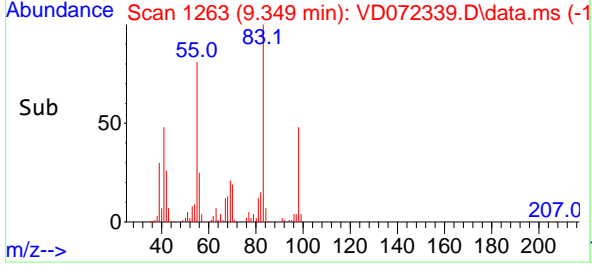
#39  
 Methylcyclohexane  
 Concen: 15.462 ug/l  
 RT: 9.349 min Scan# 1093  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

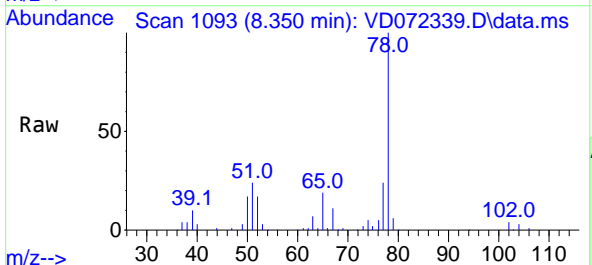


Tgt Ion: 83 Resp: 95788  
 Ion Ratio Lower Upper  
 83 100  
 55 81.1 63.2 94.8  
 98 47.6 38.2 57.4

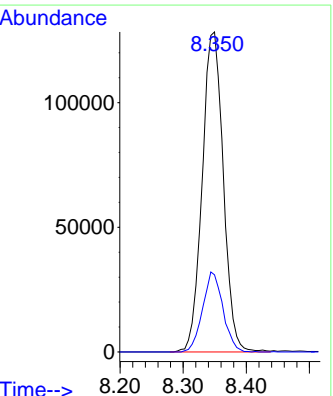
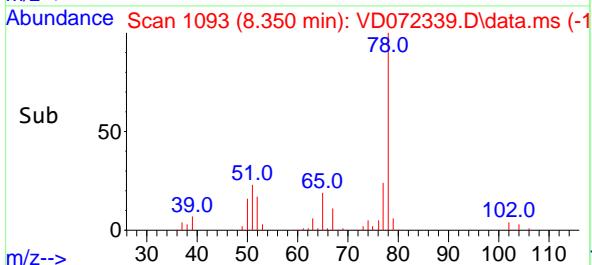
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022



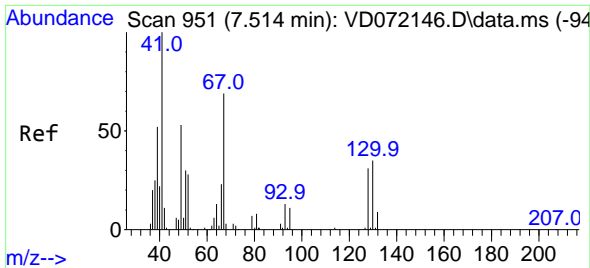
#40  
 Benzene  
 Concen: 18.953 ug/l  
 RT: 8.350 min Scan# 1093  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 78 Resp: 297668  
 Ion Ratio Lower Upper  
 78 100  
 77 24.1 19.1 28.7

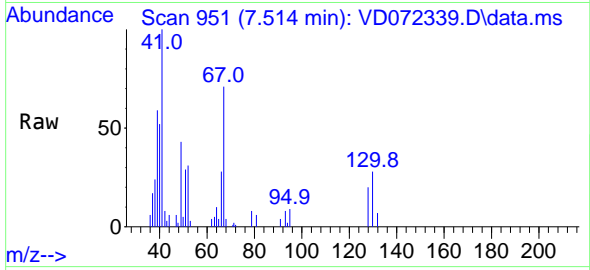






#41  
 Methacrylonitrile  
 Concen: 21.833 ug/l  
 RT: 7.514 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client SampleID : VD0321SBSD01

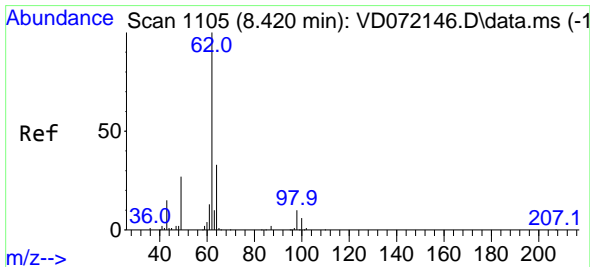
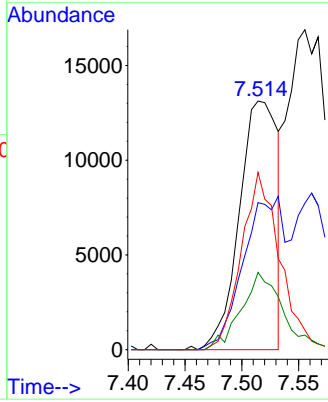
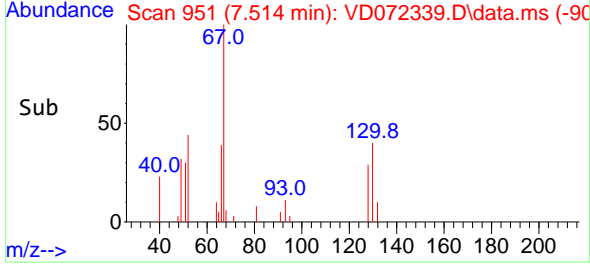


Tgt Ion: 41 Resp: 3068

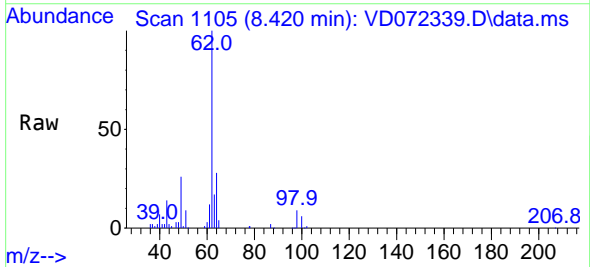
Ion	Ratio	Lower	Upper
41	100		
39	64.4	44.6	67.0
67	72.2	48.2	72.4
52	34.0	22.8	34.2

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

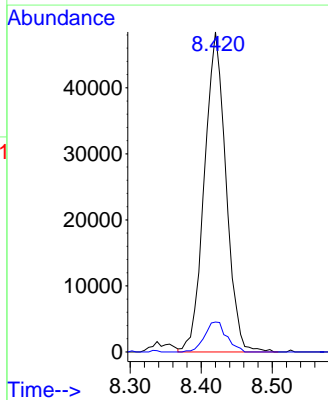
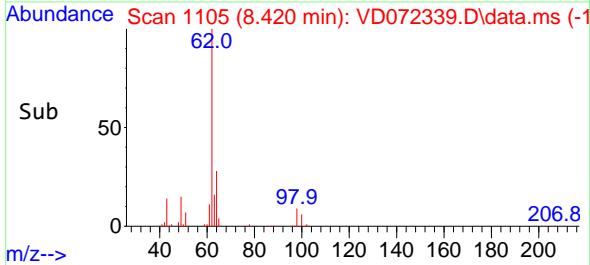


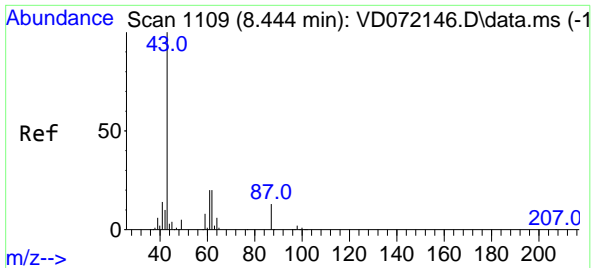
#42  
 1,2-Dichloroethane  
 Concen: 21.501 ug/l  
 RT: 8.420 min Scan# 1105  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 62 Resp: 102436

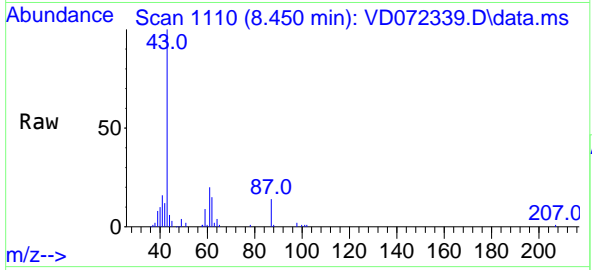
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.6





#43  
 Isopropyl Acetate  
 Concen: 21.207 ug/l  
 RT: 8.450 min Scan# 1110  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

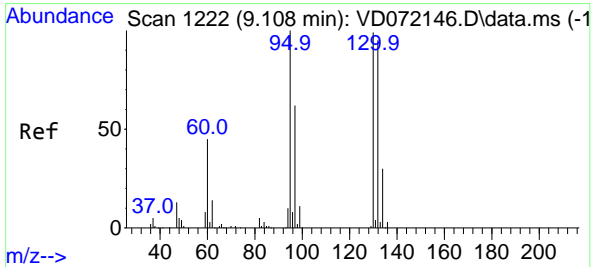
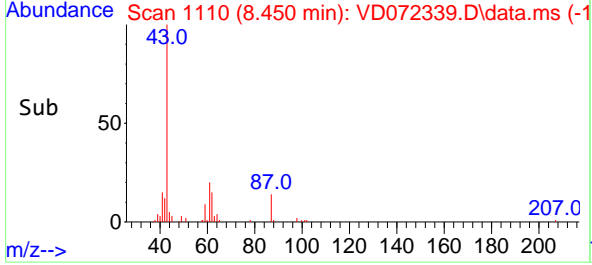
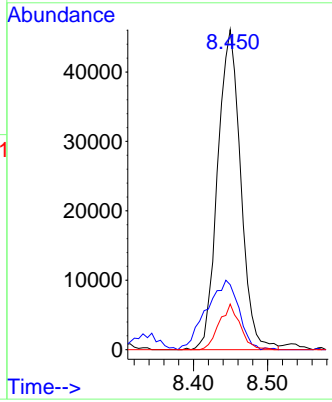


Tgt Ion: 43 Resp: 9926

Ion	Ratio	Lower	Upper
43	100		
61	30.7	22.4	33.6
87	13.0	8.7	13.1

Manual Integrations  
**APPROVED**

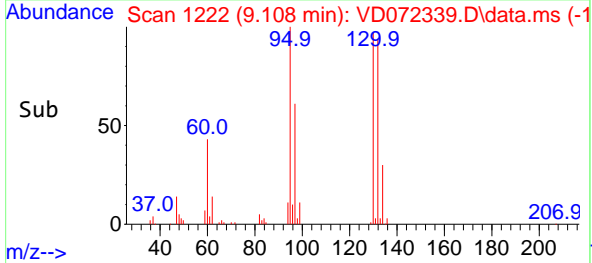
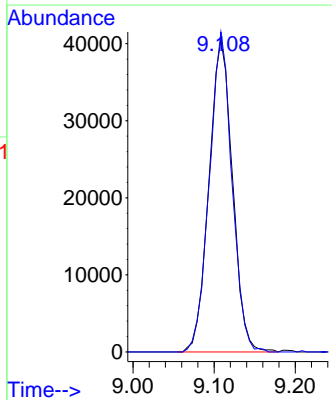
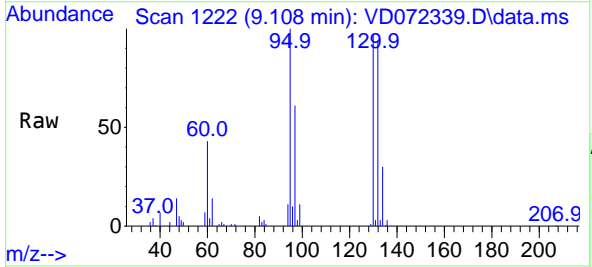
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

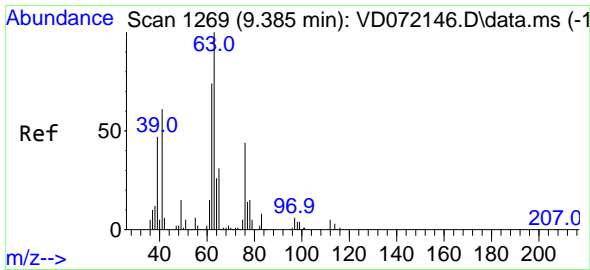


#44  
 Trichloroethene  
 Concen: 18.506 ug/l  
 RT: 9.108 min Scan# 1222  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Tgt Ion:130 Resp: 81595

Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	205.4





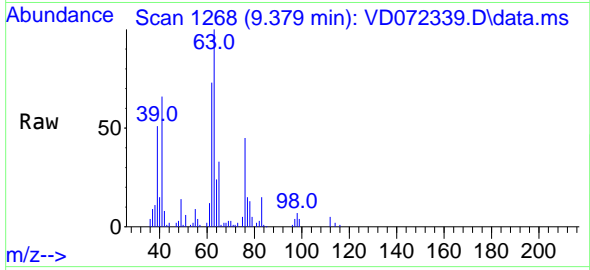
#45  
 1,2-Dichloropropane  
 Concen: 20.809 ug/l  
 RT: 9.379 min Scan# 1268  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0321SBSD01



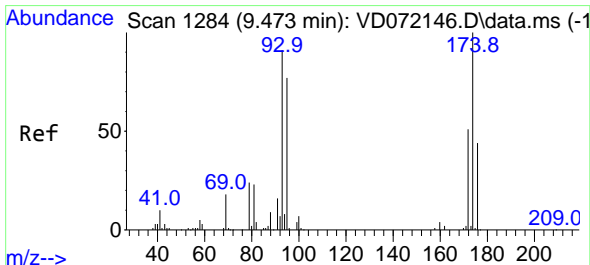
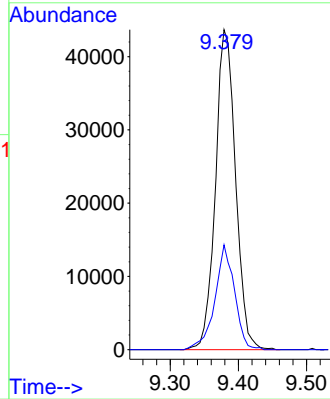
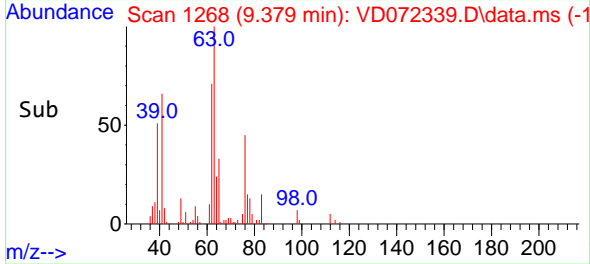
Tgt Ion: 63 Resp: 8963  
 Ion Ratio Lower Upper  
 63 100  
 65 32.7 26.2 39.4

Manual Integrations

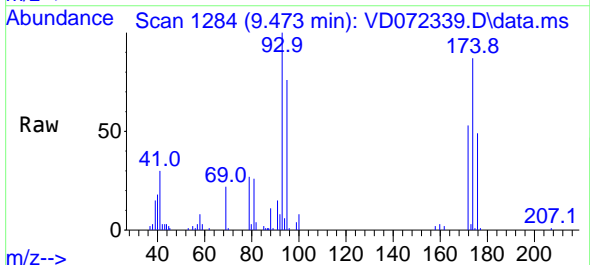
APPROVED

Reviewed By :John Carlone 03/22/2022

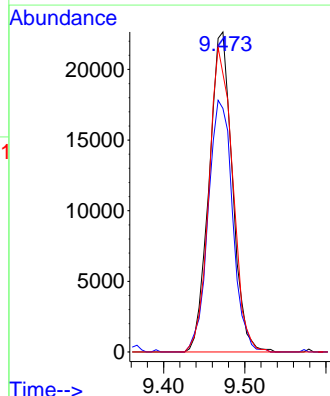
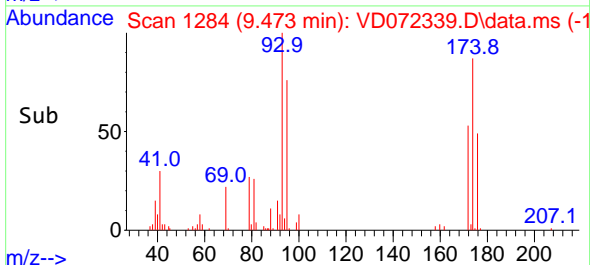
Supervised By :Mahesh Dadoda 03/22/2022

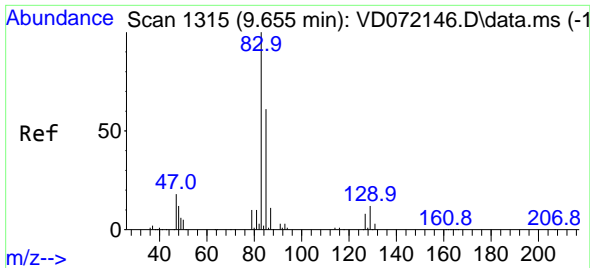


#46  
 Dibromomethane  
 Concen: 21.295 ug/l  
 RT: 9.473 min Scan# 1284  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



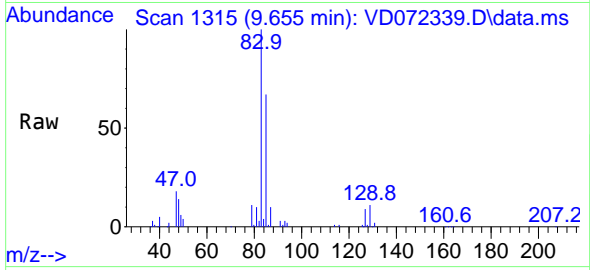
Tgt Ion: 93 Resp: 45119  
 Ion Ratio Lower Upper  
 93 100  
 95 82.6 66.7 100.1  
 174 97.0 71.6 107.4





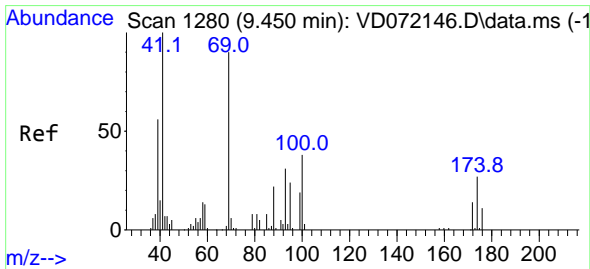
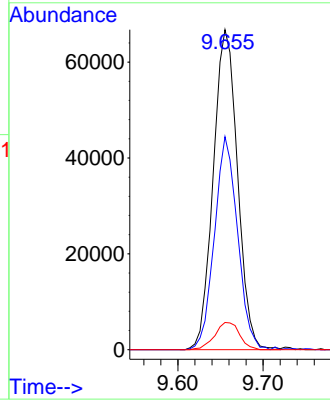
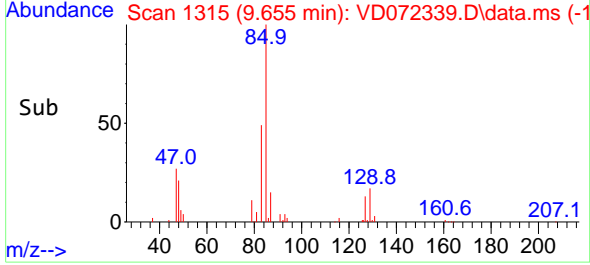
#47  
 Bromodichloromethane  
 Concen: 21.421 ug/l  
 RT: 9.655 min Scan# 1315  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

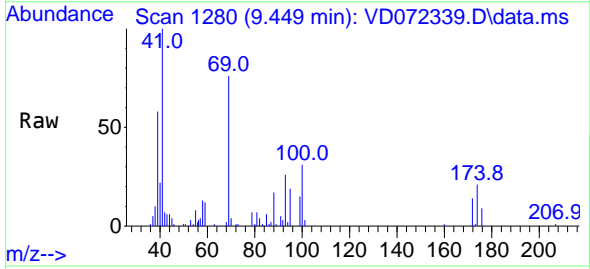


Tgt Ion: 83 Resp: 132310  
 Ion Ratio Lower Upper  
 83 100  
 85 66.5 51.4 77.0  
 127 8.5 6.1 9.1

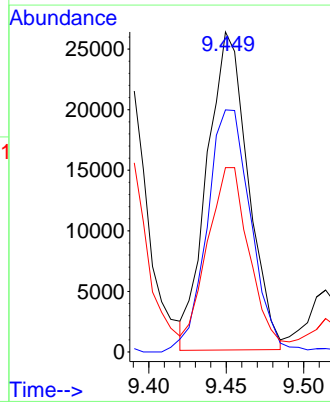
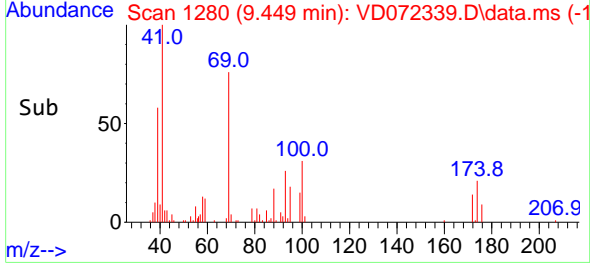
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

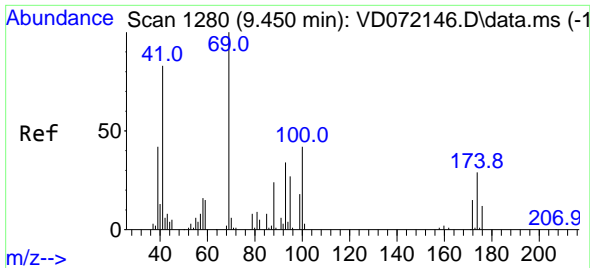


#48  
 Methyl methacrylate  
 Concen: 21.636 ug/l  
 RT: 9.449 min Scan# 1280  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



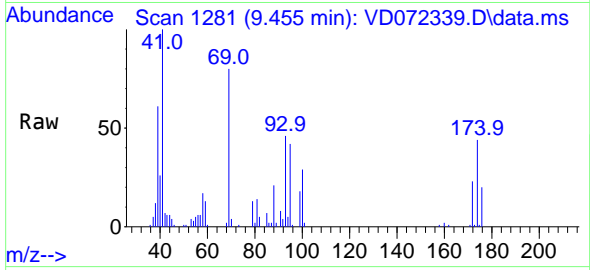
Tgt Ion: 41 Resp: 48355  
 Ion Ratio Lower Upper  
 41 100  
 69 81.5 56.7 85.1  
 39 60.6 42.7 64.1





#49  
 1,4-Dioxane  
 Concen: 425.498 ug/l  
 RT: 9.455 min Scan# 1280  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

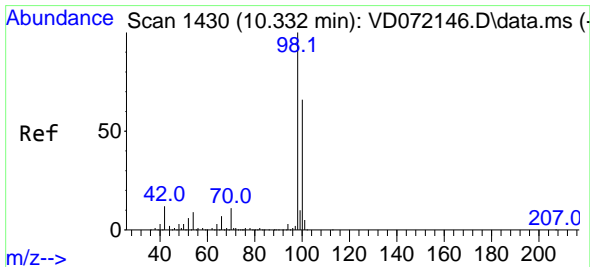
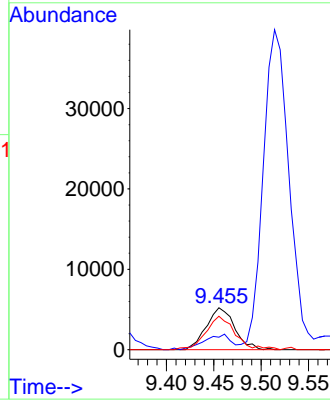
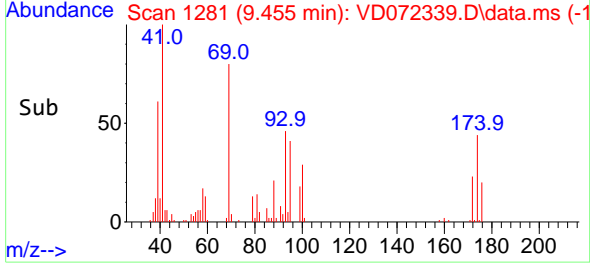
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0321SBS01



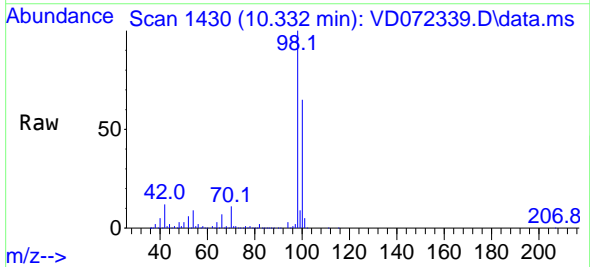
Tgt Ion: 88 Resp: 1081  
 Ion Ratio Lower Upper  
 88 100  
 43 34.3 31.0 46.4  
 58 82.2 58.1 87.1

Manual Integrations  
**APPROVED**

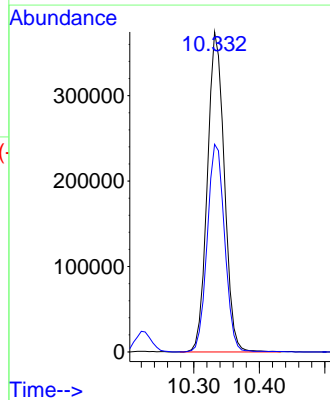
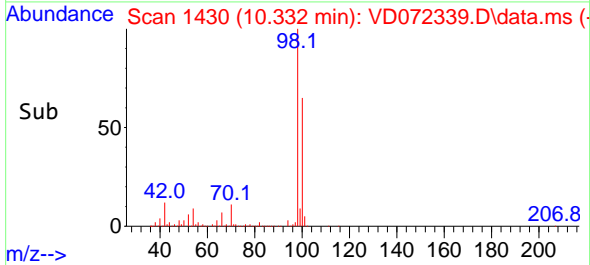
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

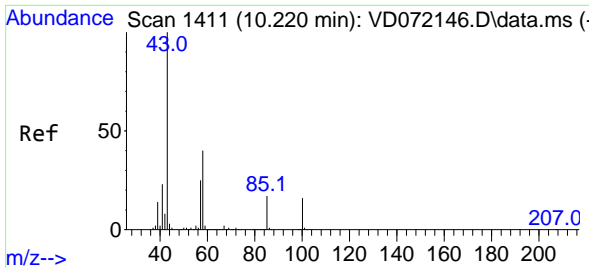


#50  
 Toluene-d8  
 Concen: 46.992 ug/l  
 RT: 10.332 min Scan# 1430  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 98 Resp: 674286  
 Ion Ratio Lower Upper  
 98 100  
 100 66.7 52.4 78.6





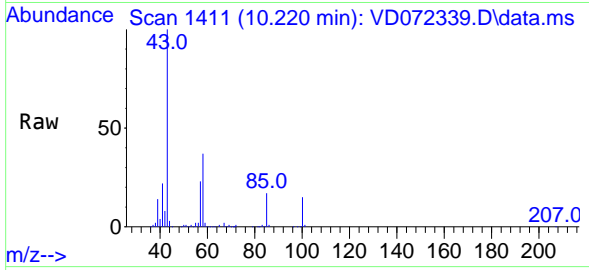
#51  
 4-Methyl-2-Pentanone  
 Concen: 116.327 ug/l  
 RT: 10.220 min Scan# 1411  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

Client SampleID :

VD0321SBSD01



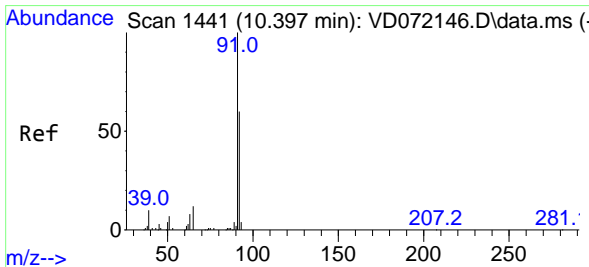
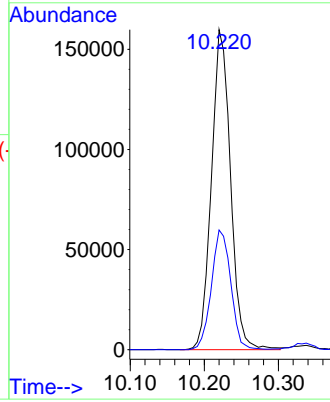
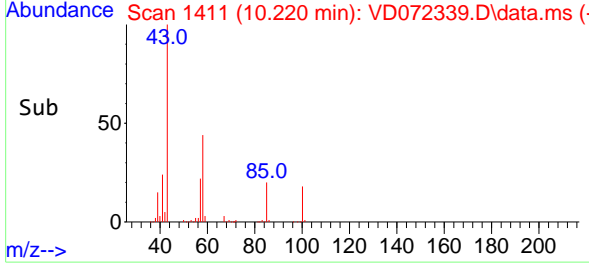
Tgt Ion: 43 Resp: 28597  
 Ion Ratio Lower Upper  
 43 100  
 58 38.0 28.6 43.0

Manual Integrations

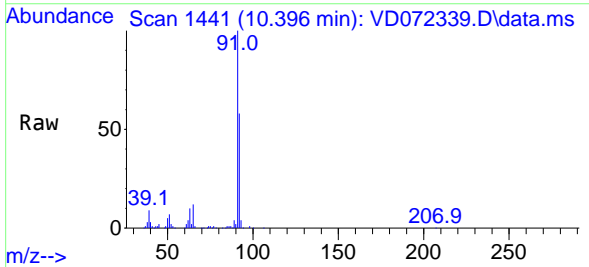
APPROVED

Reviewed By :John Carlone 03/22/2022

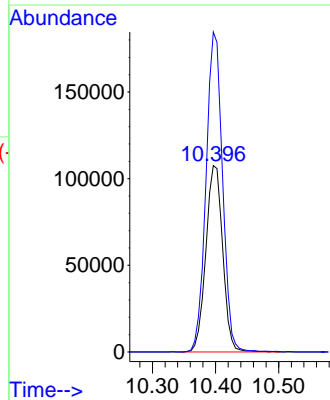
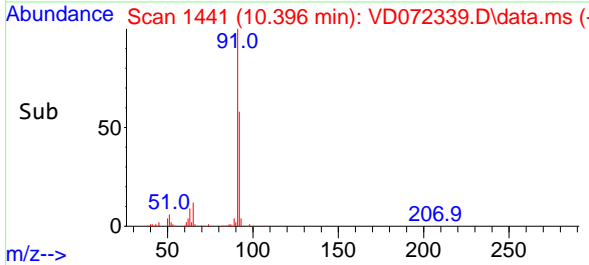
Supervised By :Mahesh Dadoda 03/22/2022

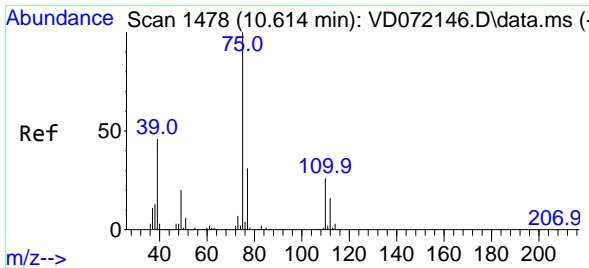


#52  
 Toluene  
 Concen: 19.261 ug/l  
 RT: 10.396 min Scan# 1441  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 92 Resp: 199060  
 Ion Ratio Lower Upper  
 92 100  
 91 168.2 139.6 209.4





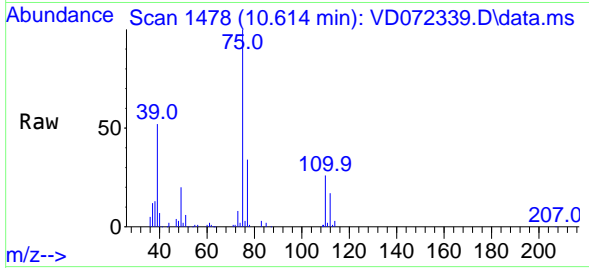
#53  
 t-1,3-Dichloropropene  
 Concen: 20.374 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

ClientSampleID :

VD0321SBS01



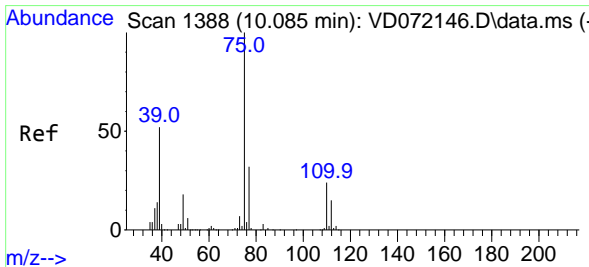
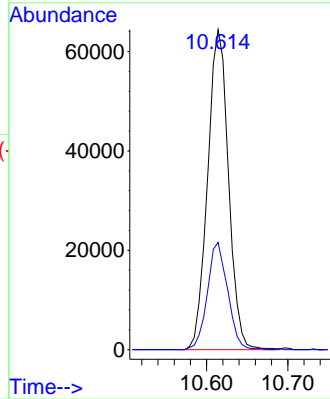
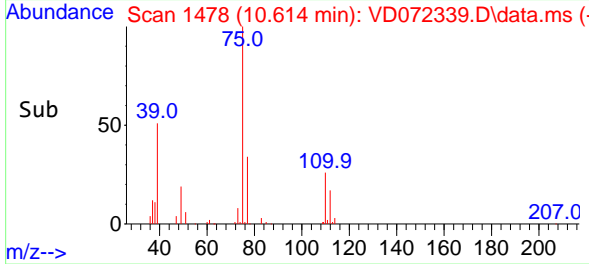
Tgt Ion: 75 Resp: 114979  
 Ion Ratio Lower Upper  
 75 100  
 77 33.5 24.5 36.7

Manual Integrations

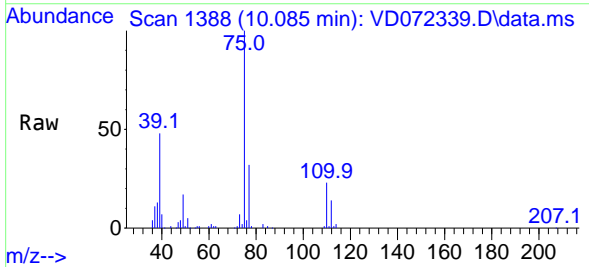
APPROVED

Reviewed By :John Carlone 03/22/2022

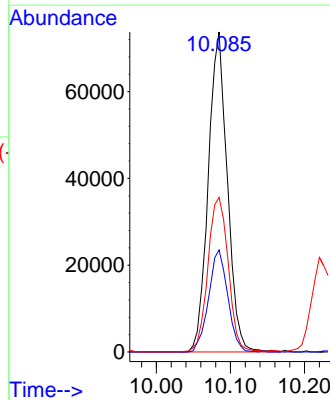
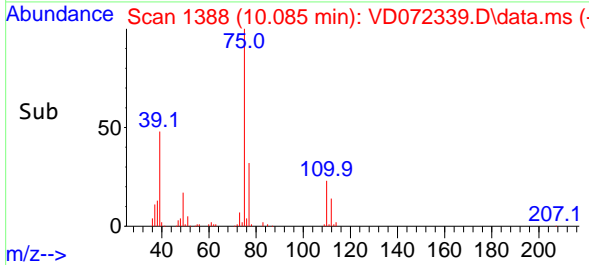
Supervised By :Mahesh Dadoda 03/22/2022

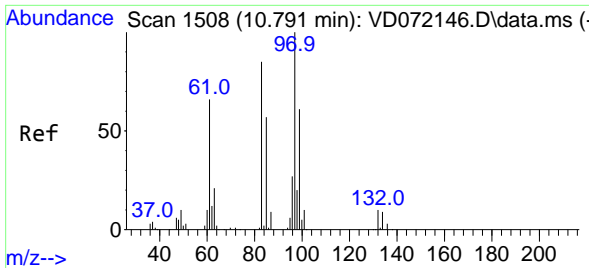


#54  
 cis-1,3-Dichloropropene  
 Concen: 20.160 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 75 Resp: 131521  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 24.8 37.2  
 39 48.3 46.8 70.2





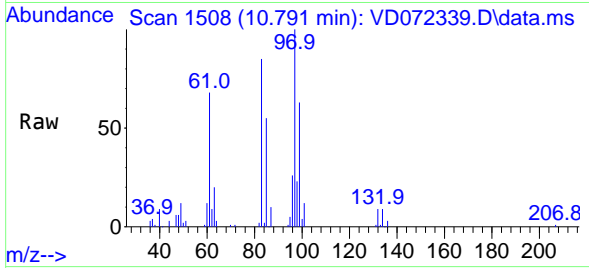
#55  
 1,1,2-Trichloroethane  
 Concen: 22.215 ug/l  
 RT: 10.791 min Scan# 1508  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

Client SampleID :

VD0321SBSD01



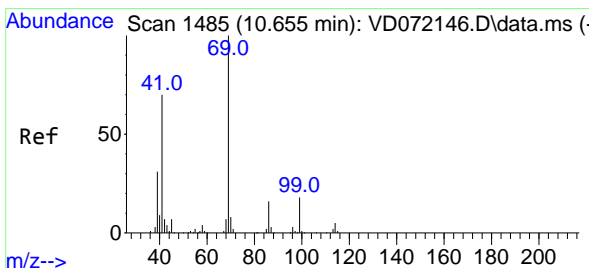
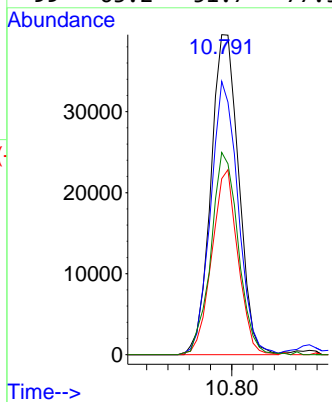
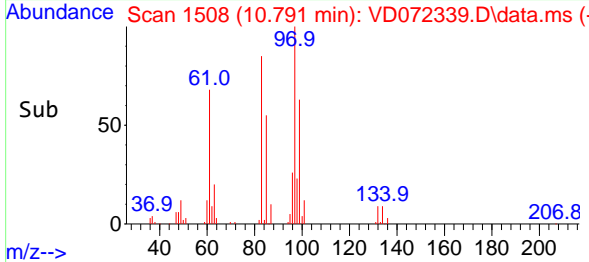
Tgt Ion: 97 Resp: 7170  
 Ion Ratio Lower Upper  
 97 100  
 83 85.4 69.0 103.4  
 85 55.0 42.6 63.8  
 99 63.2 51.7 77.5

Manual Integrations

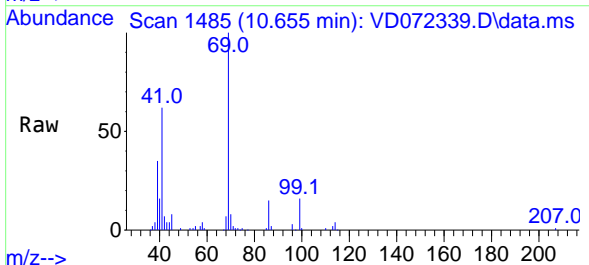
APPROVED

Reviewed By :John Carlone 03/22/2022

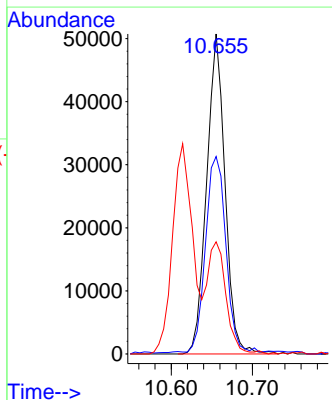
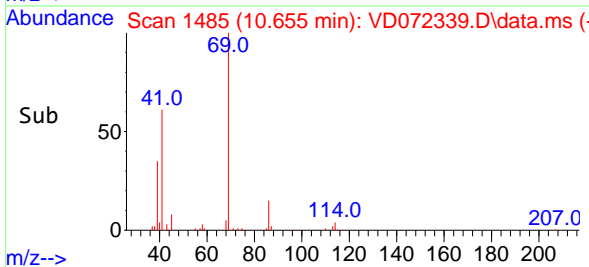
Supervised By :Mahesh Dadoda 03/22/2022



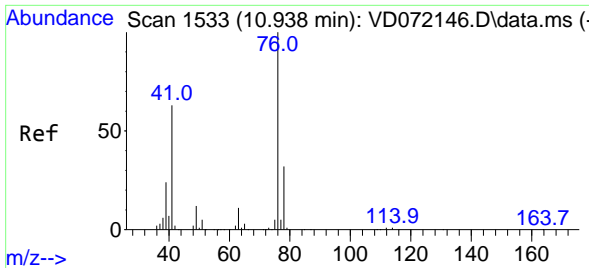
#56  
 Ethyl methacrylate  
 Concen: 21.099 ug/l  
 RT: 10.655 min Scan# 1485  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion: 69 Resp: 79765  
 Ion Ratio Lower Upper  
 69 100  
 41 68.2 63.0 94.6  
 39 35.5 33.8 50.8

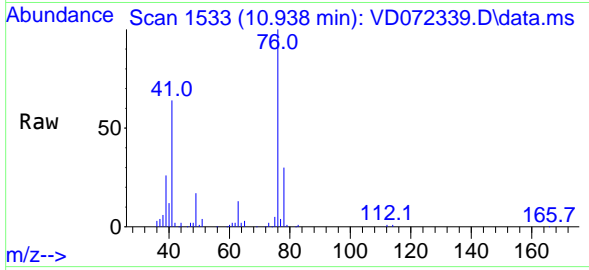






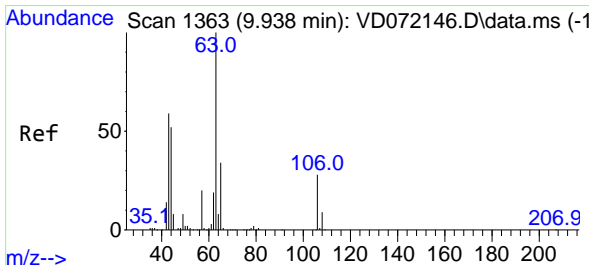
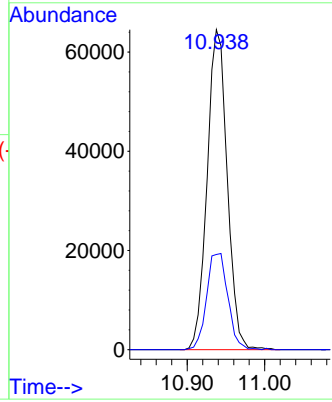
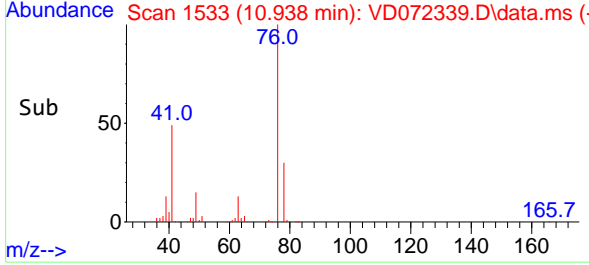
#57  
 1,3-Dichloropropane  
 Concen: 21.449 ug/l  
 RT: 10.938 min Scan# 1533  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client SampleID : VD0321SBSD01

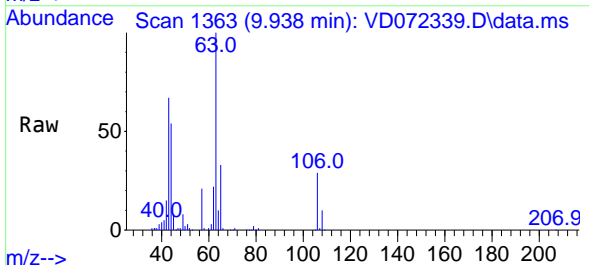


Tgt Ion: 76 Resp: 116188  
 Ion Ratio Lower Upper  
 76 100  
 78 31.8 26.0 39.0

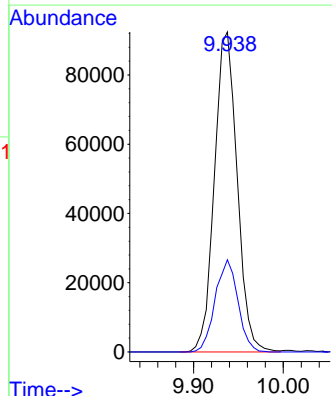
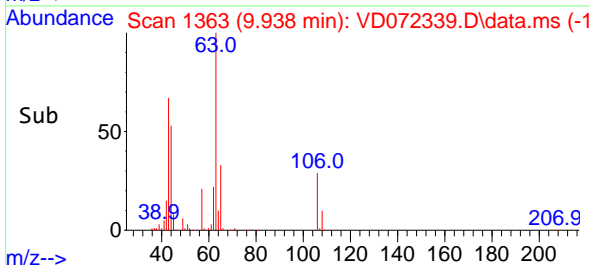
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

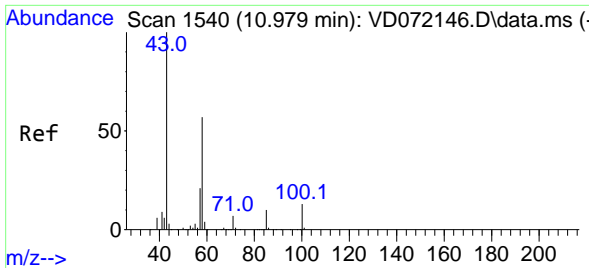


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 95.624 ug/l  
 RT: 9.938 min Scan# 1363  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



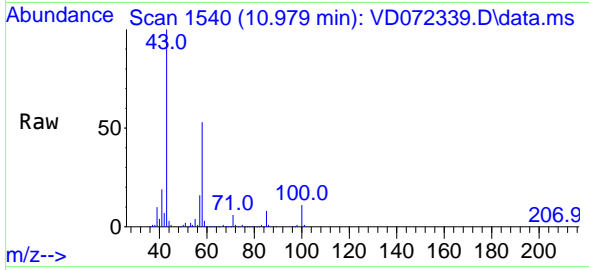
Tgt Ion: 63 Resp: 162545  
 Ion Ratio Lower Upper  
 63 100  
 106 28.8 21.4 32.0





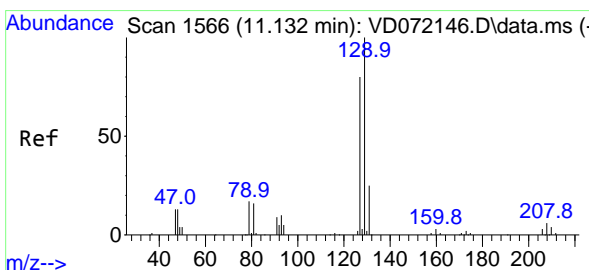
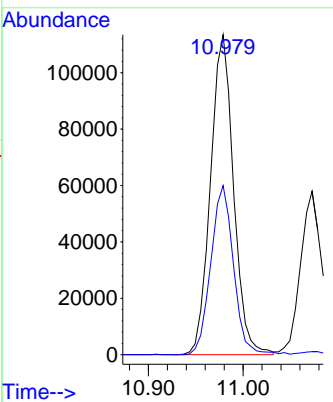
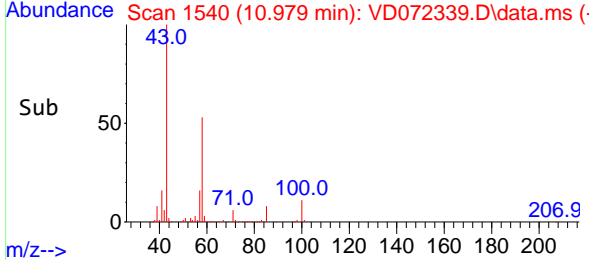
#59  
 2-Hexanone  
 Concen: 113.102 ug/l  
 RT: 10.979 min Scan# 1540  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

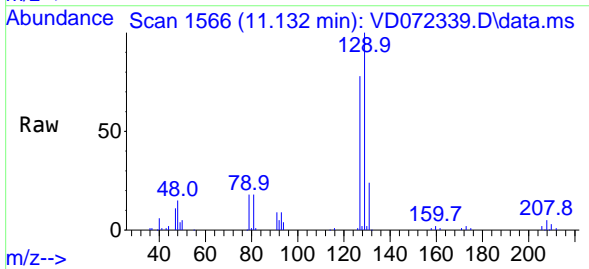


Tgt Ion: 43 Resp: 192038  
 Ion Ratio Lower Upper  
 43 100  
 58 52.0 25.3 75.9

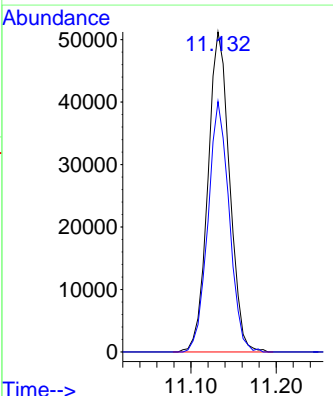
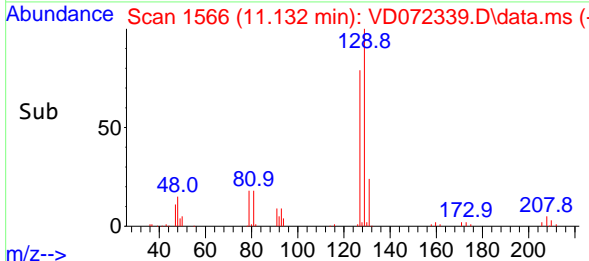
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

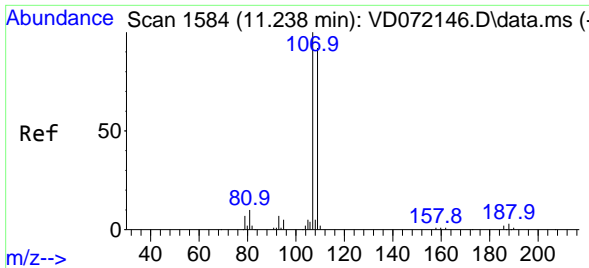


#60  
 Dibromochloromethane  
 Concen: 21.598 ug/l  
 RT: 11.132 min Scan# 1566  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:129 Resp: 90457  
 Ion Ratio Lower Upper  
 129 100  
 127 76.6 39.2 117.6





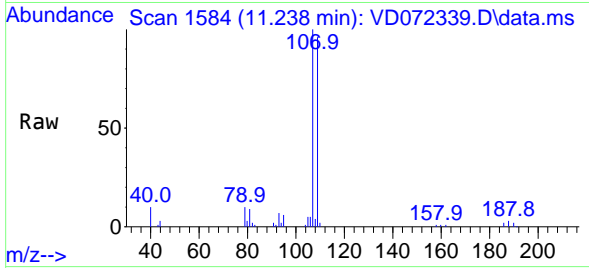
#61  
 1,2-Dibromoethane  
 Concen: 20.579 ug/l  
 RT: 11.238 min Scan# 1111  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

ClientSampleID :

VD0321SBSD01

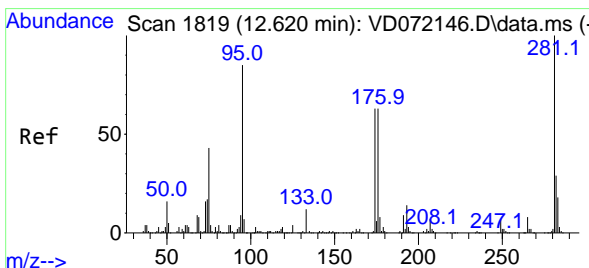
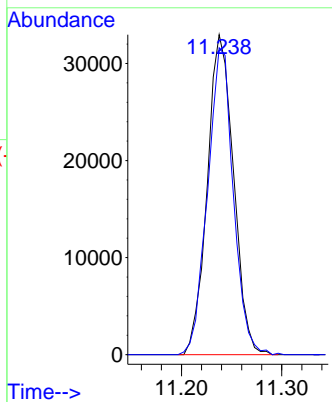
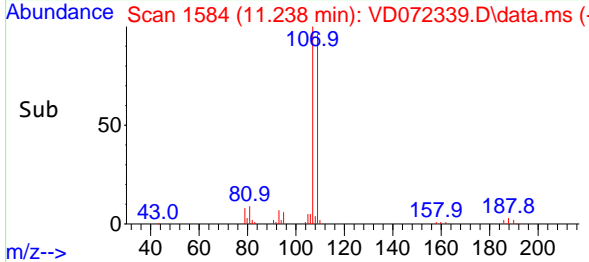


Tgt Ion:107 Resp: 60020  
 Ion Ratio Lower Upper  
 107 100  
 109 94.2 74.2 111.4

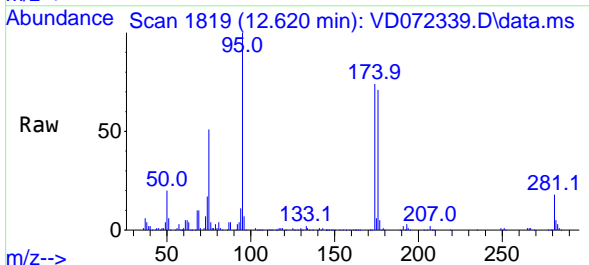
Manual Integrations

APPROVED

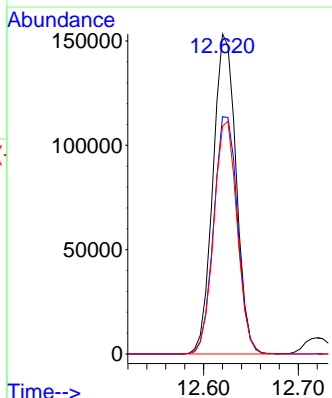
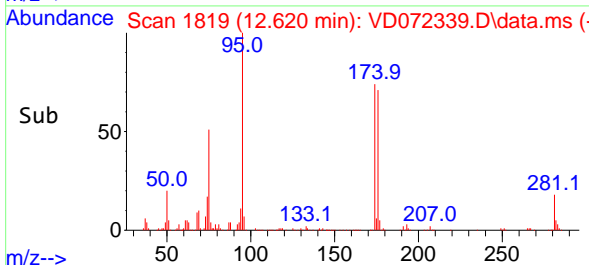
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

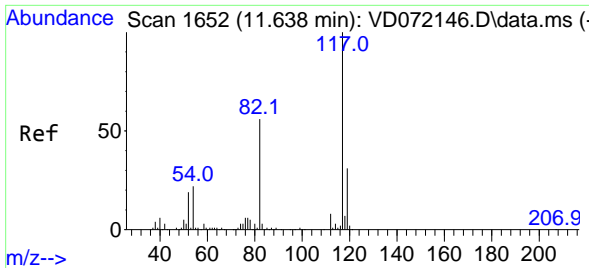


#62  
 4-Bromofluorobenzene  
 Concen: 46.749 ug/l  
 RT: 12.620 min Scan# 1819  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



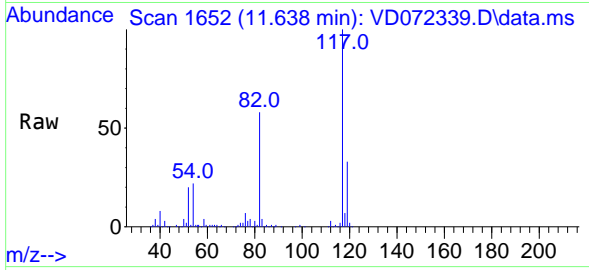
Tgt Ion: 95 Resp: 260642  
 Ion Ratio Lower Upper  
 95 100  
 174 76.3 0.0 152.8  
 176 73.5 0.0 145.4





#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.638 min Scan# 1652  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

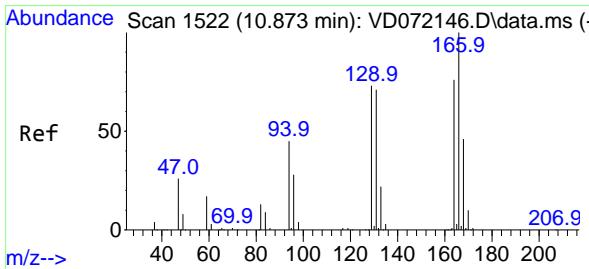
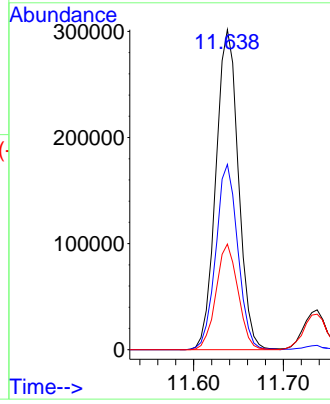
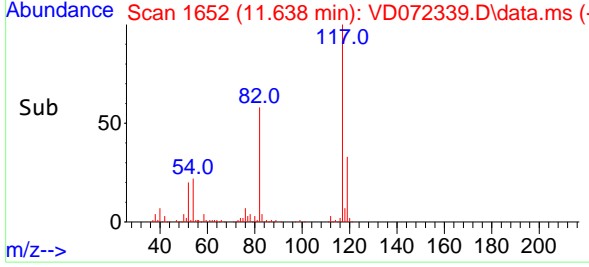
Instrument : MSVOA\_D  
 ClientSampleId : VD0321SBSD01



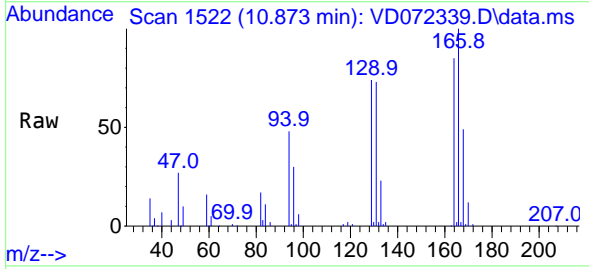
Tgt Ion:117 Resp: 525720

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.3	67.9
119	33.0	26.6	40.0

Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

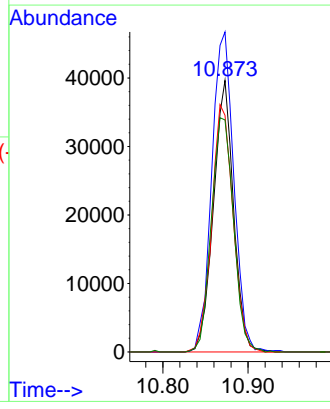
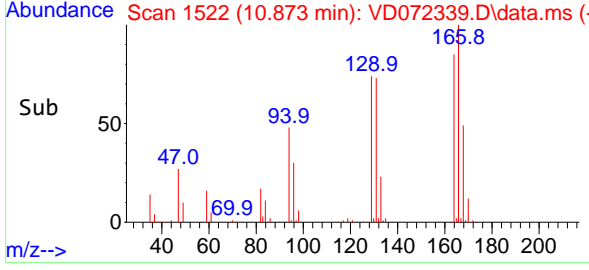


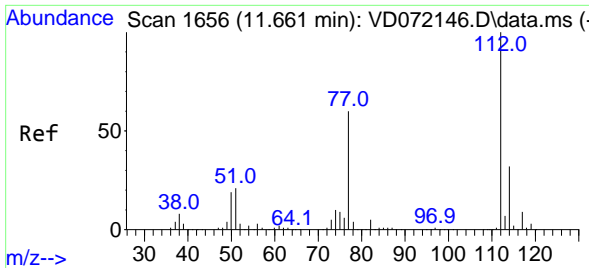
#64  
 Tetrachloroethene  
 Concen: 17.595 ug/l  
 RT: 10.873 min Scan# 1522  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:164 Resp: 65174

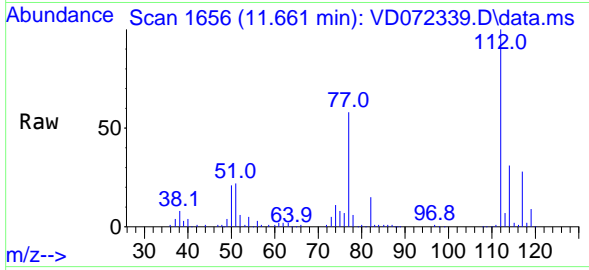
Ion	Ratio	Lower	Upper
164	100		
166	117.9	98.5	147.7
129	87.1	74.6	111.8
131	85.4	72.0	108.0





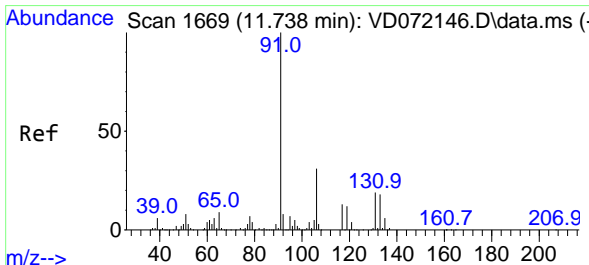
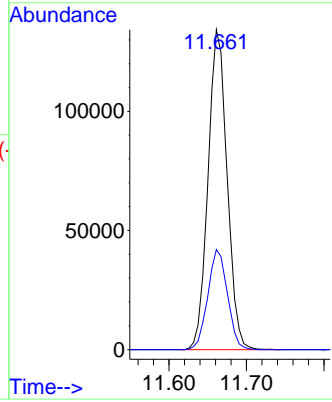
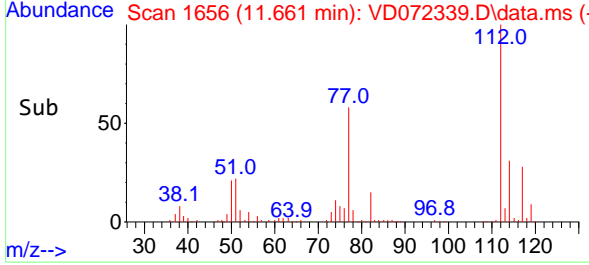
#65  
 Chlorobenzene  
 Concen: 19.675 ug/l  
 RT: 11.661 min Scan# 1656  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample ID : VD0321SBSD01

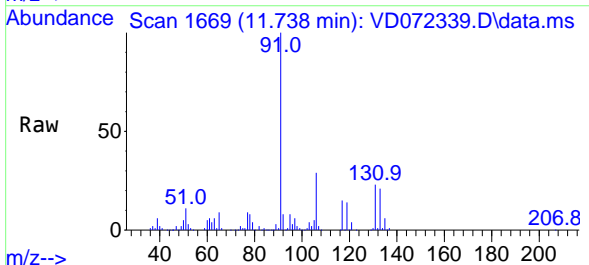


Tgt Ion: 112 Resp: 229319  
 Ion Ratio Lower Upper  
 112 100  
 114 31.3 25.8 38.6

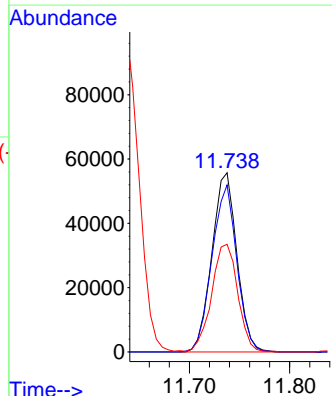
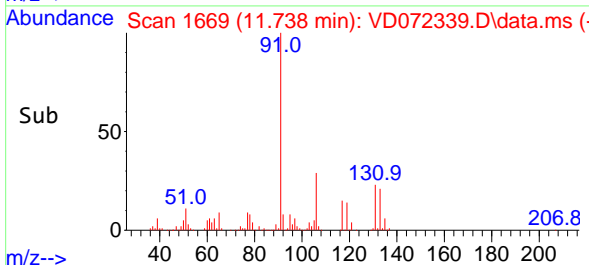
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 03/22/2022  
 Supervised By : Mahesh Dadoda 03/22/2022

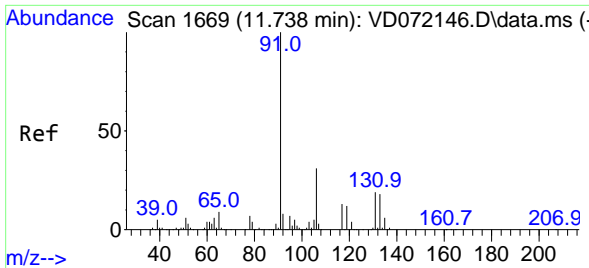


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 20.933 ug/l  
 RT: 11.738 min Scan# 1669  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



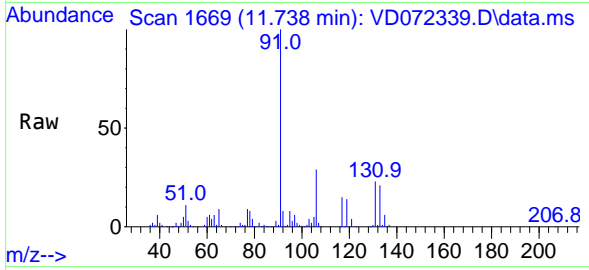
Tgt Ion: 131 Resp: 96479  
 Ion Ratio Lower Upper  
 131 100  
 133 92.8 48.1 144.3  
 119 62.8 31.9 95.9





#67  
 Ethyl Benzene  
 Concen: 18.728 ug/l  
 RT: 11.738 min Scan# 1669  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

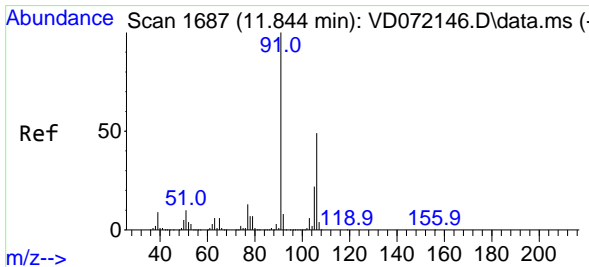
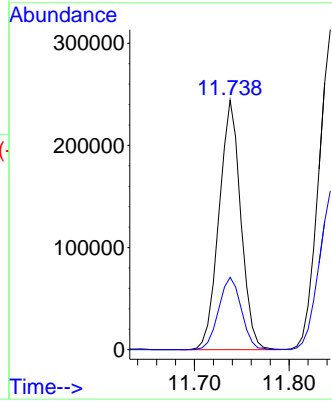
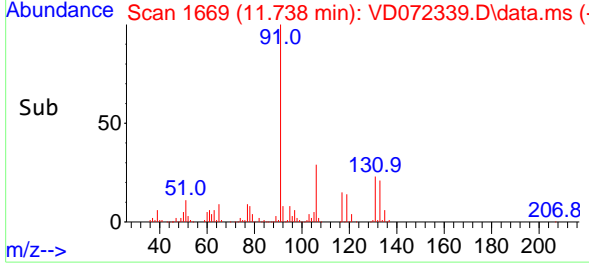
Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01



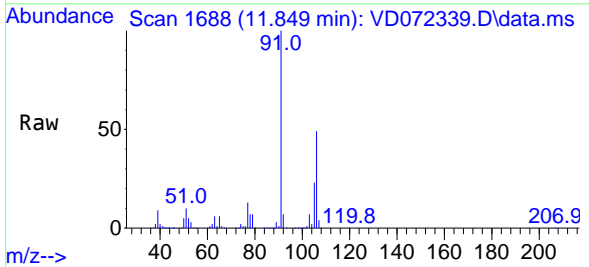
Tgt Ion: 91 Resp: 38985  
 Ion Ratio Lower Upper  
 91 100  
 106 29.0 24.2 36.4

Manual Integrations  
 APPROVED

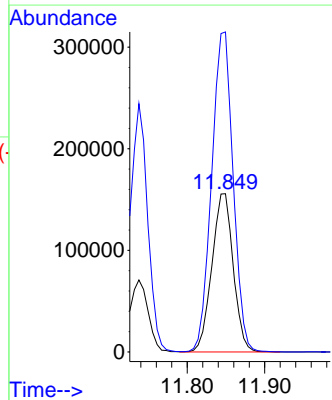
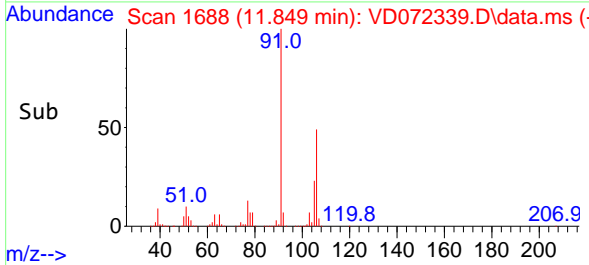
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

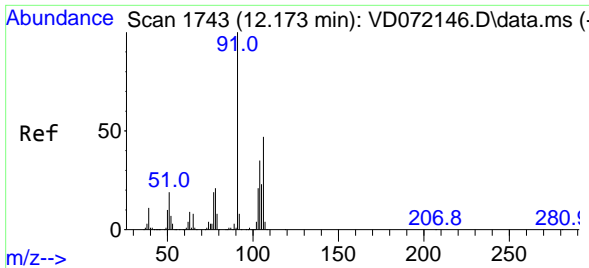


#68  
 m/p-Xylenes  
 Concen: 37.811 ug/l  
 RT: 11.849 min Scan# 1688  
 Delta R.T. 0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:106 Resp: 298870  
 Ion Ratio Lower Upper  
 106 100  
 91 203.4 163.7 245.5





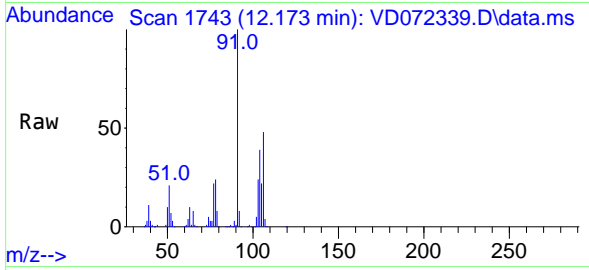
#69  
 o-Xylene  
 Concen: 18.846 ug/l  
 RT: 12.173 min Scan# 1743  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0321SBSD01



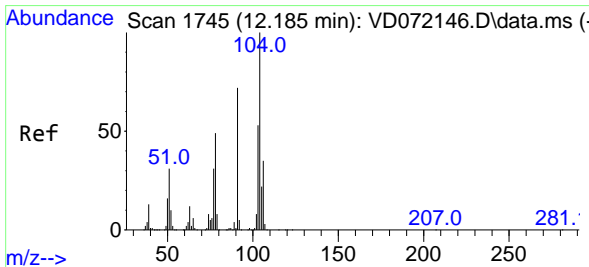
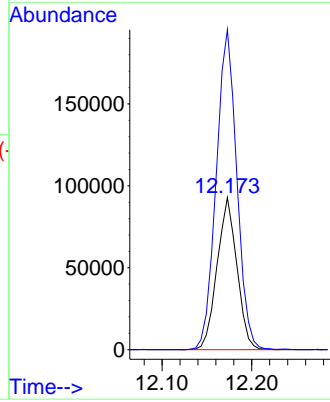
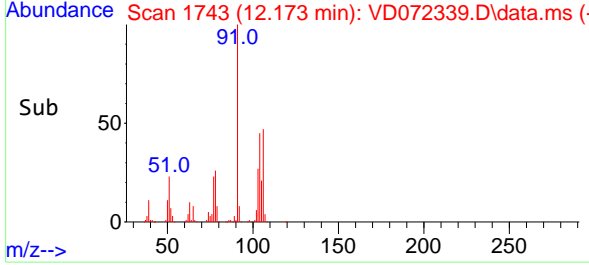
Tgt Ion:106 Resp: 14249  
 Ion Ratio Lower Upper  
 106 100  
 91 218.6 110.4 331.2

Manual Integrations

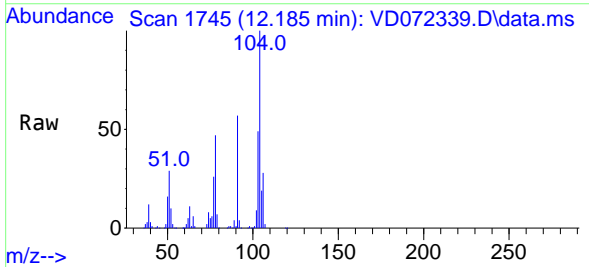
APPROVED

Reviewed By :John Carlone 03/22/2022

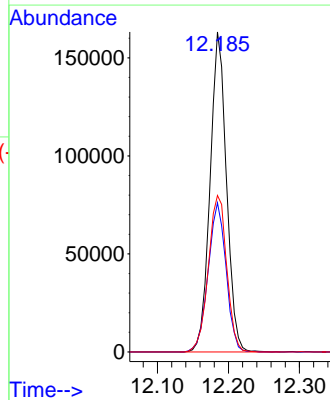
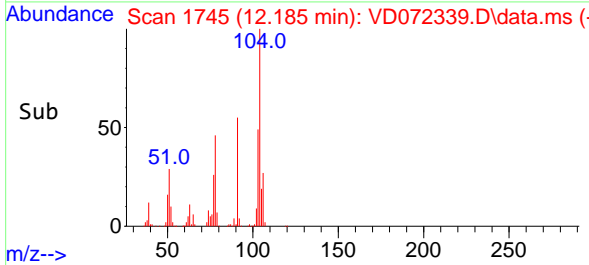
Supervised By :Mahesh Dadoda 03/22/2022

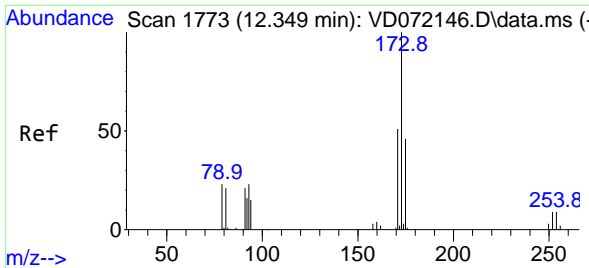


#70  
 Styrene  
 Concen: 19.821 ug/l  
 RT: 12.185 min Scan# 1745  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:104 Resp: 261688  
 Ion Ratio Lower Upper  
 104 100  
 78 50.9 41.8 62.8  
 103 55.0 44.2 66.4





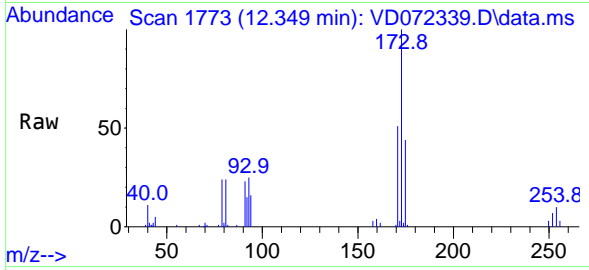
#71  
 Bromoform  
 Concen: 21.944 ug/l  
 RT: 12.349 min Scan# 1773  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0321SBSD01

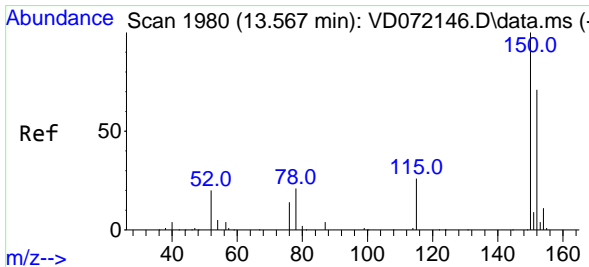
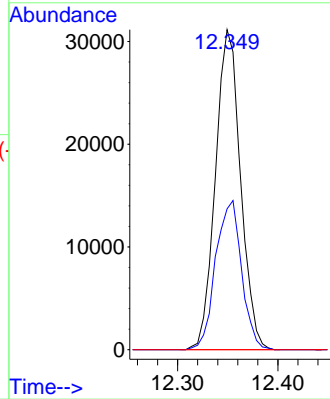
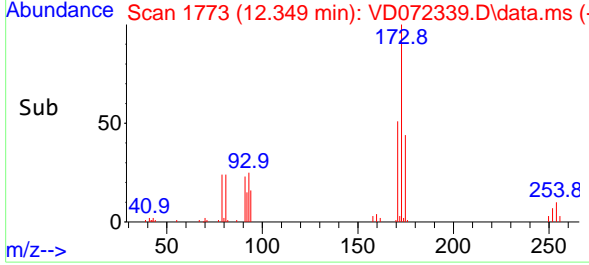


Tgt Ion:173 Resp: 54020  
 Ion Ratio Lower Upper  
 173 100  
 175 48.1 23.9 71.8  
 254 0.0 0.0 0.0

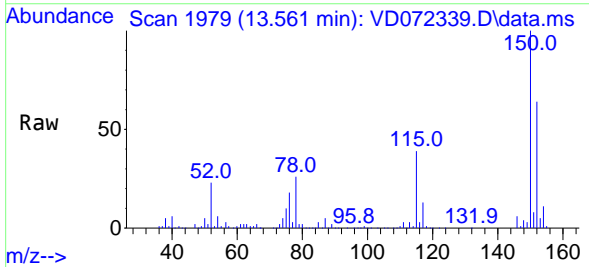
Manual Integrations

APPROVED

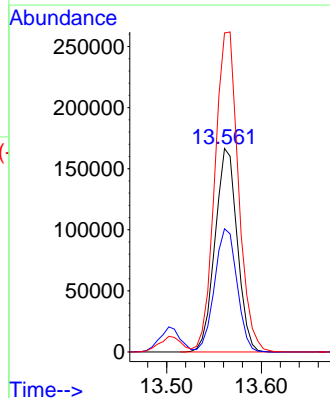
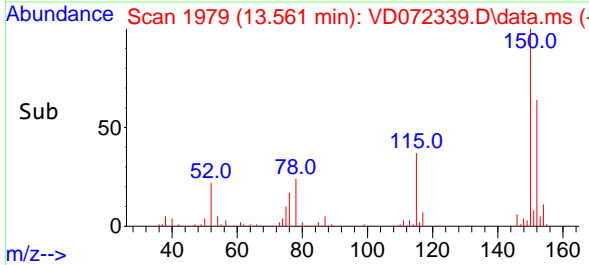
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022



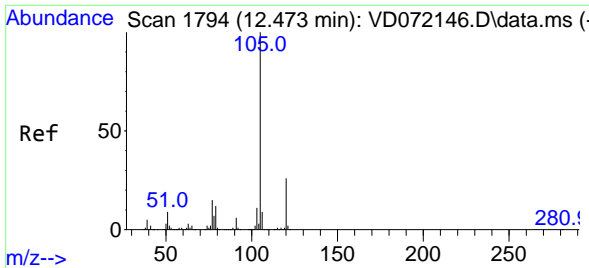
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.561 min Scan# 1979  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:152 Resp: 271565  
 Ion Ratio Lower Upper  
 152 100  
 115 61.4 31.3 93.8  
 150 166.8 0.0 348.6







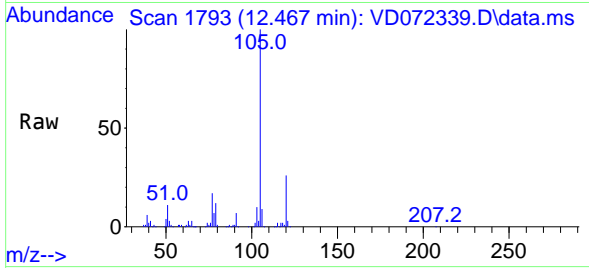
#73  
 Isopropylbenzene  
 Concen: 18.714 ug/l  
 RT: 12.467 min Scan# 1793  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0321SBS01

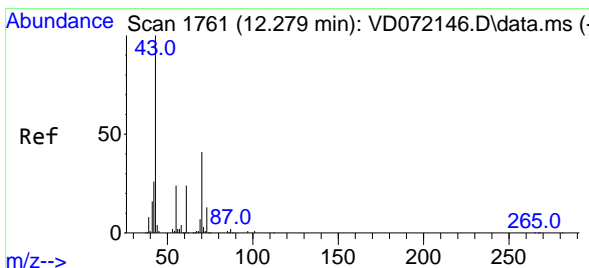
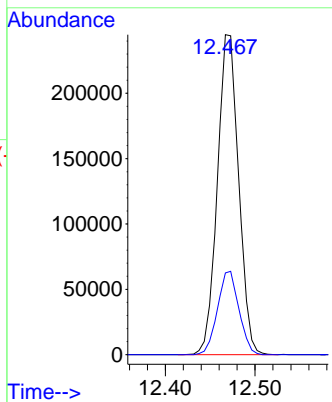
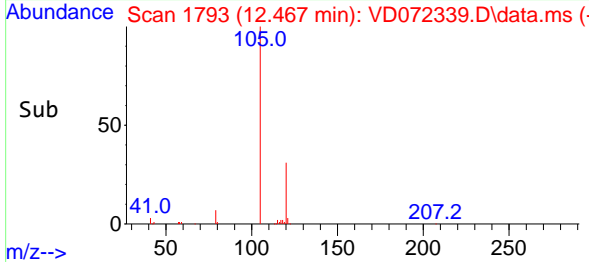


Tgt Ion: 105 Resp: 40273  
 Ion Ratio Lower Upper  
 105 100  
 120 26.3 13.0 38.9

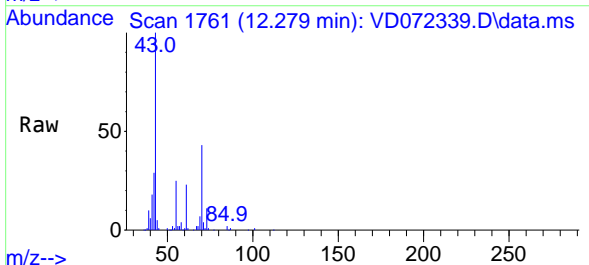
Manual Integrations

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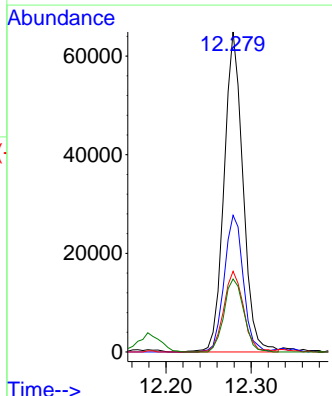
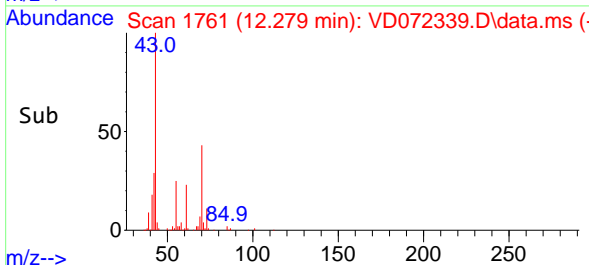
Reviewed By : John Carlone 03/22/2022  
 Supervised By : Mahesh Dadoda 03/22/2022

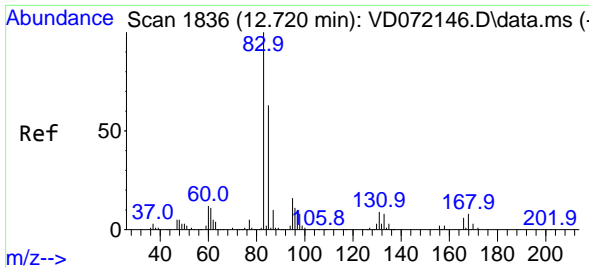


#74  
 N-amy1 acetate  
 Concen: 21.624 ug/l  
 RT: 12.279 min Scan# 1761  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



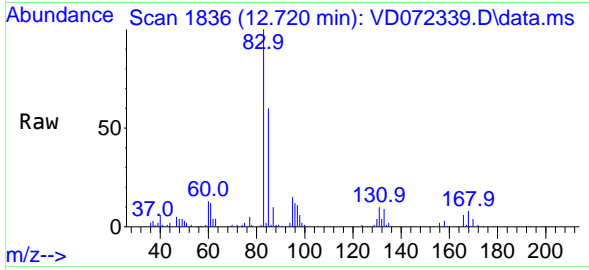
Tgt Ion: 43 Resp: 100003  
 Ion Ratio Lower Upper  
 43 100  
 70 43.1 31.3 46.9  
 55 26.2 20.0 30.0  
 61 23.8 17.8 26.8





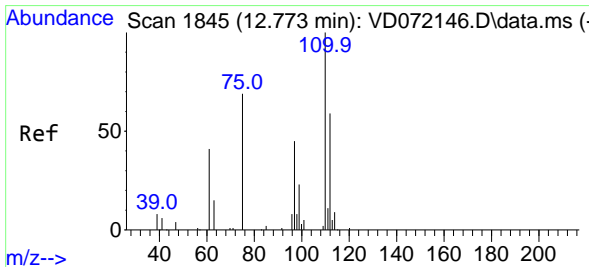
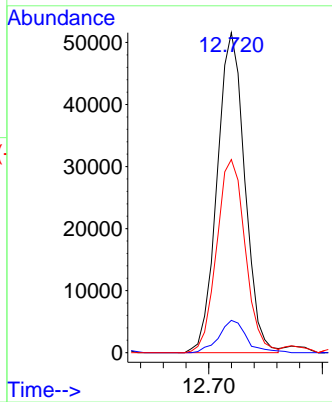
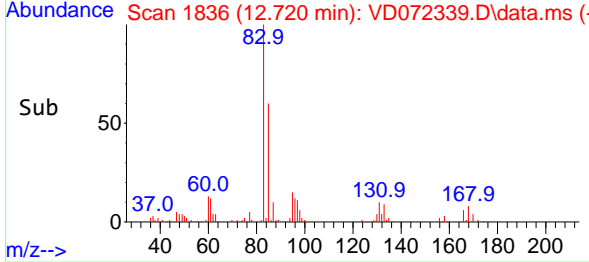
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 22.637 ug/l  
 RT: 12.720 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

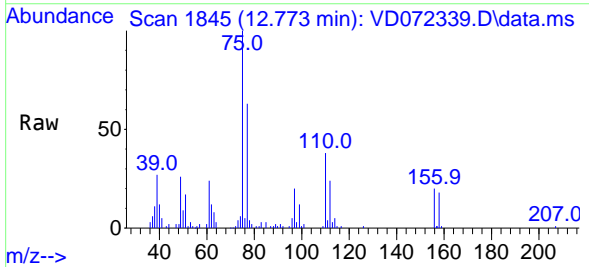


Tgt Ion: 83 Resp: 8712  
 Ion Ratio Lower Upper  
 83 100  
 131 10.1 5.0 14.9  
 85 62.4 32.6 98.0

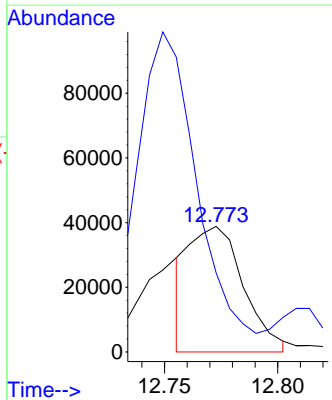
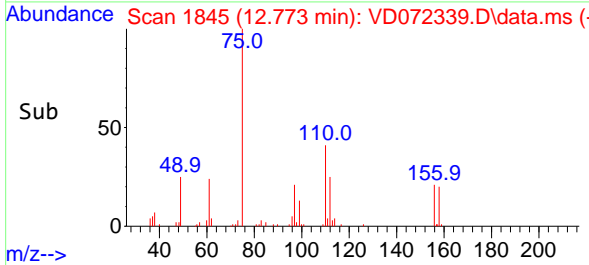
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 03/22/2022  
 Supervised By : Mahesh Dadoda 03/22/2022

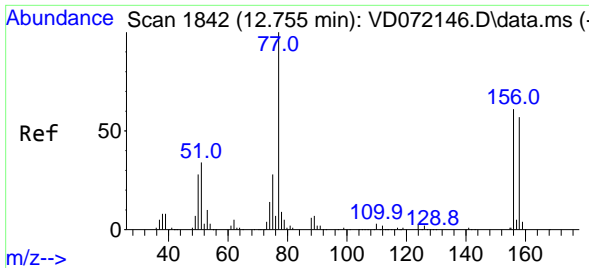


#76  
 1,2,3-Trichloropropane  
 Concen: 21.772 ug/l m  
 RT: 12.773 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



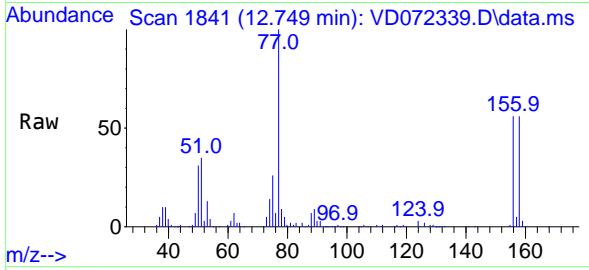
Tgt Ion: 75 Resp: 65220  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77  
 Bromobenzene  
 Concen: 20.182 ug/l  
 RT: 12.749 min Scan# 1842  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

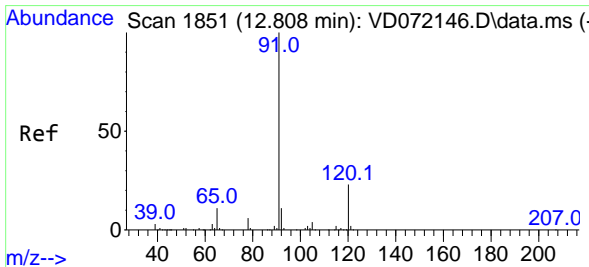
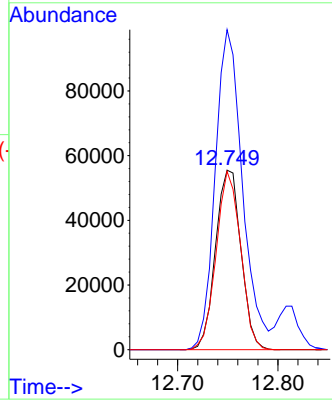
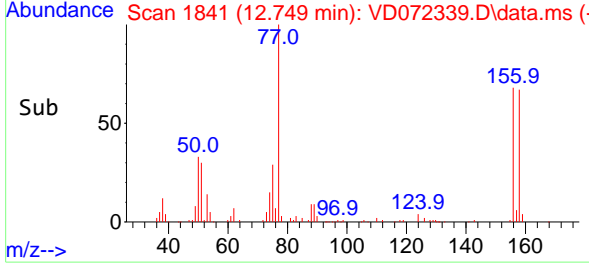
Instrument : MSVOA\_D  
 ClientSampleId : VD0321SBSD01



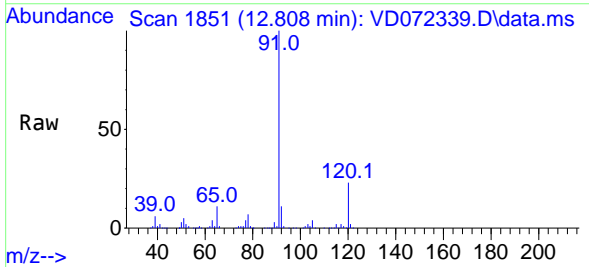
Tgt Ion:156 Resp: 97754  
 Ion Ratio Lower Upper  
 156 100  
 77 190.8 102.8 308.3  
 158 95.6 48.7 146.1

Manual Integrations  
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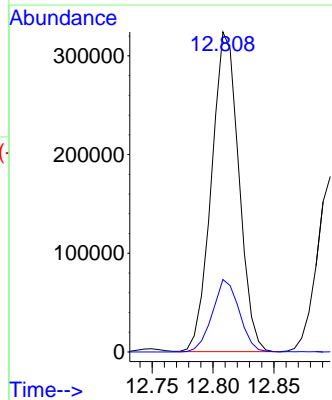
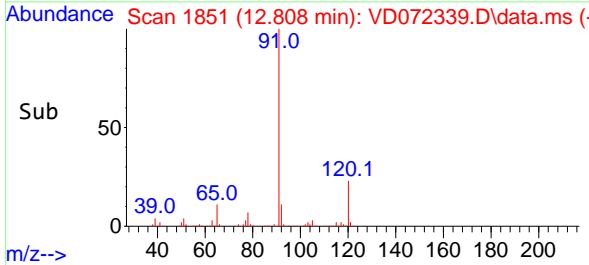
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

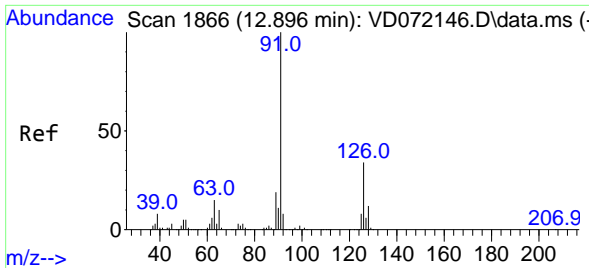


#78  
 n-propylbenzene  
 Concen: 19.331 ug/l  
 RT: 12.808 min Scan# 1851  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



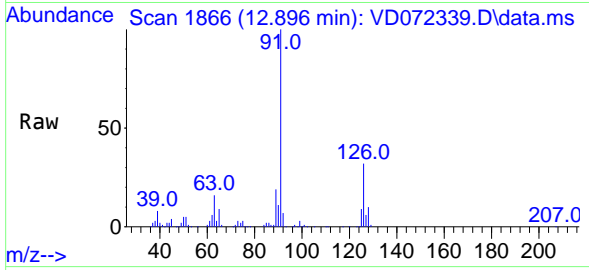
Tgt Ion: 91 Resp: 505293  
 Ion Ratio Lower Upper  
 91 100  
 120 22.3 10.9 32.9





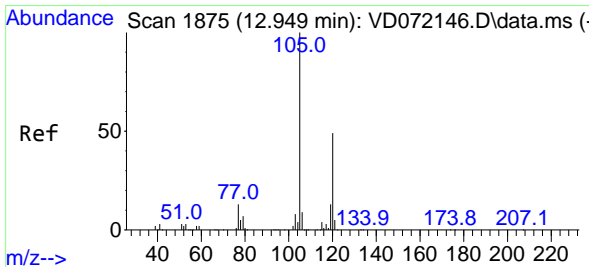
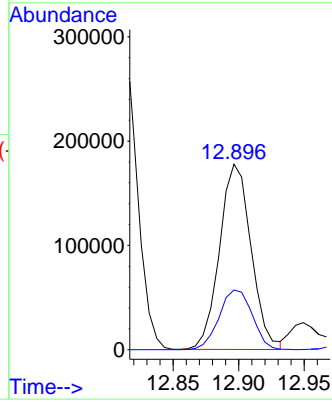
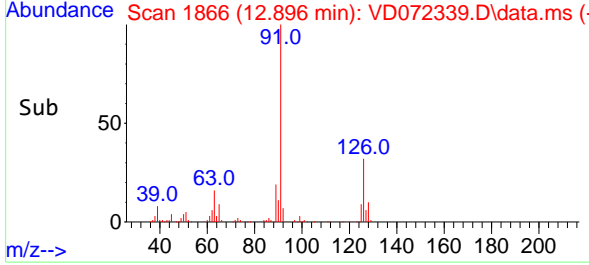
#79  
 2-Chlorotoluene  
 Concen: 19.729 ug/l  
 RT: 12.896 min Scan# 1866  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

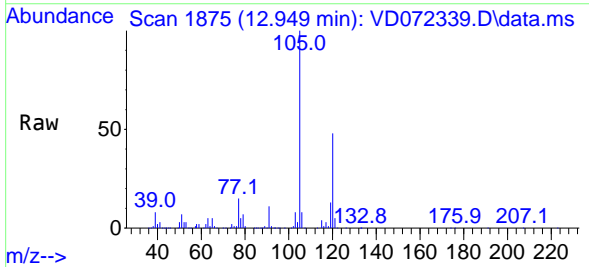


Tgt Ion: 91 Resp: 298208  
 Ion Ratio Lower Upper  
 91 100  
 126 33.7 16.2 48.6

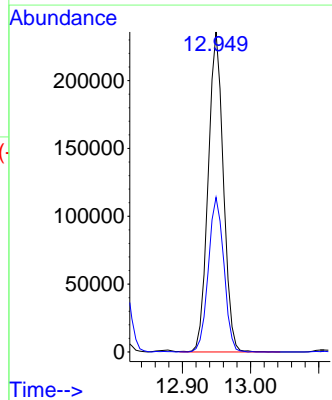
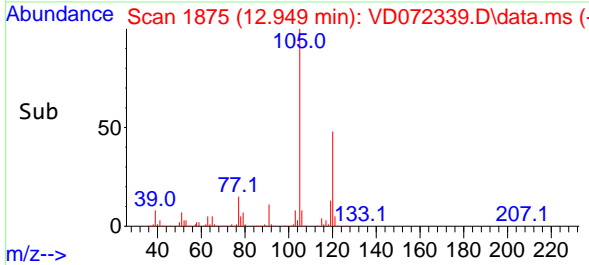
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

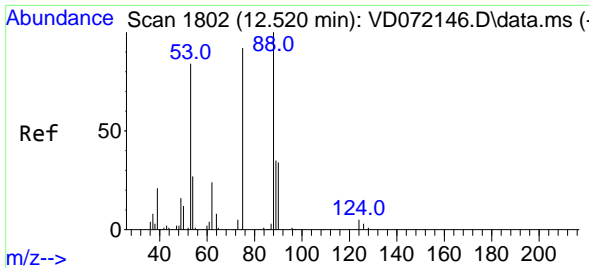


#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.782 ug/l  
 RT: 12.949 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



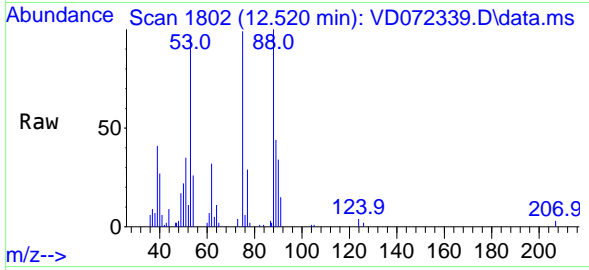
Tgt Ion:105 Resp: 365725  
 Ion Ratio Lower Upper  
 105 100  
 120 49.2 24.3 72.8





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 20.870 ug/l  
 RT: 12.520 min Scan# 1802  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

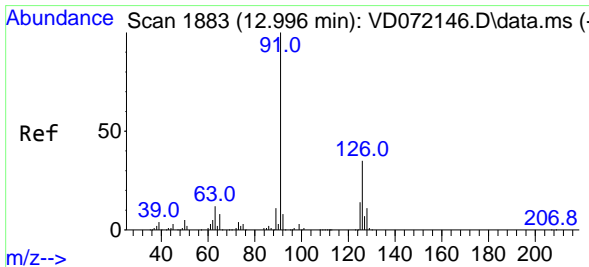
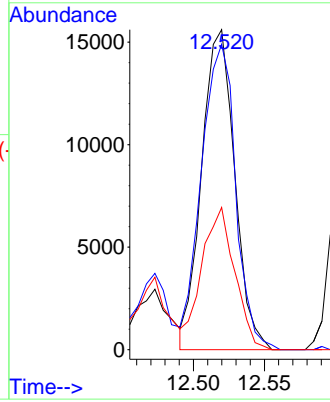
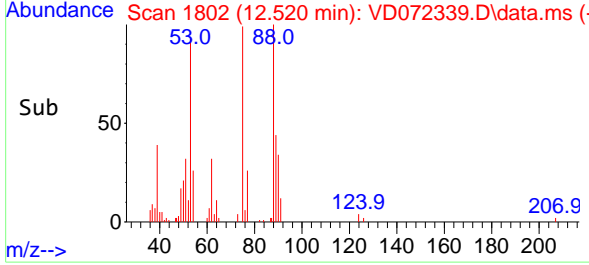
Instrument : MSVOA\_D  
 ClientSampleId : VD0321SBSD01



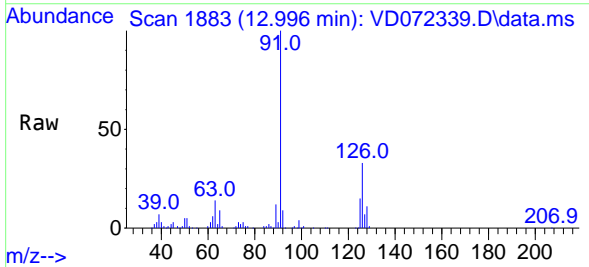
Tgt Ion: 75 Resp: 25198  
 Ion Ratio Lower Upper  
 75 100  
 53 99.0 86.5 129.7  
 89 44.7 33.9 50.9

Manual Integrations  
 APPROVED

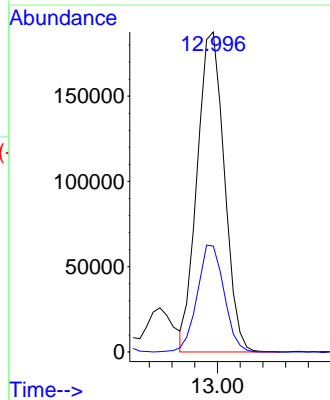
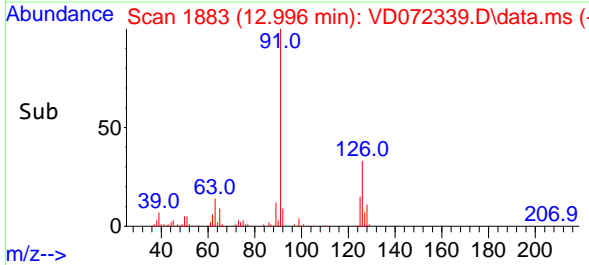
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

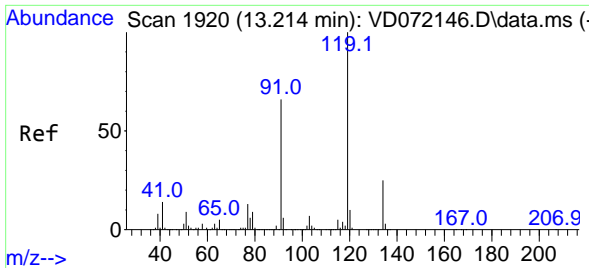


#82  
 4-Chlorotoluene  
 Concen: 19.915 ug/l  
 RT: 12.996 min Scan# 1883  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



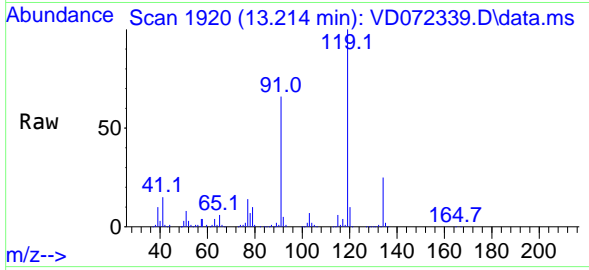
Tgt Ion: 91 Resp: 311680  
 Ion Ratio Lower Upper  
 91 100  
 126 33.0 16.5 49.5





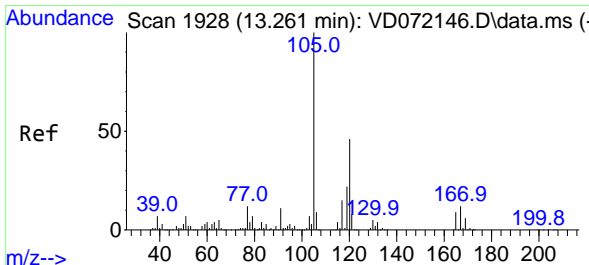
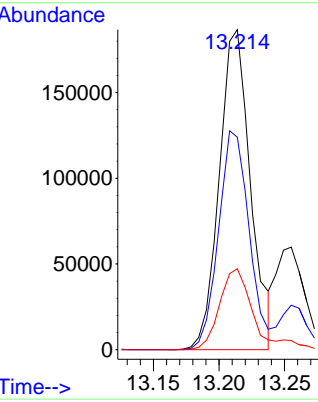
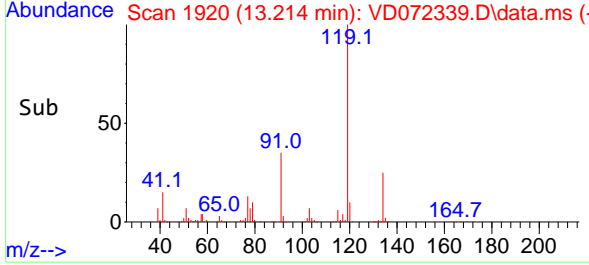
#83  
 tert-Butylbenzene  
 Concen: 19.078 ug/l  
 RT: 13.214 min Scan# 1920  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

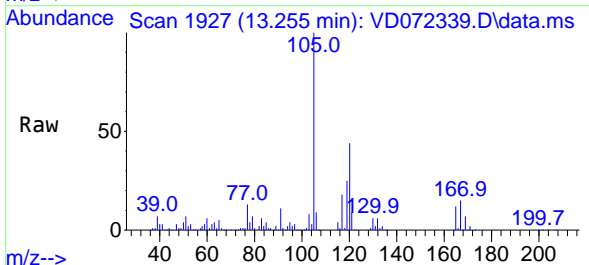


Tgt Ion:119 Resp: 309222  
 Ion Ratio Lower Upper  
 119 100  
 91 66.9 34.8 104.5  
 134 27.4 13.3 39.9

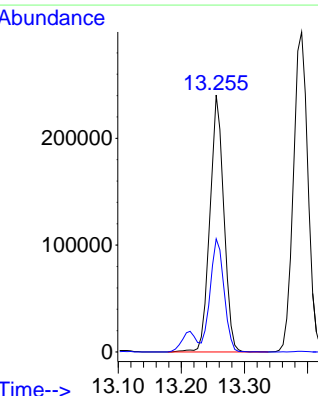
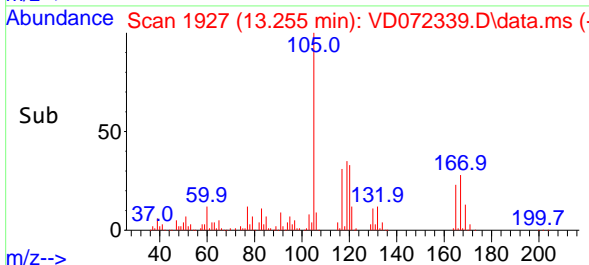
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

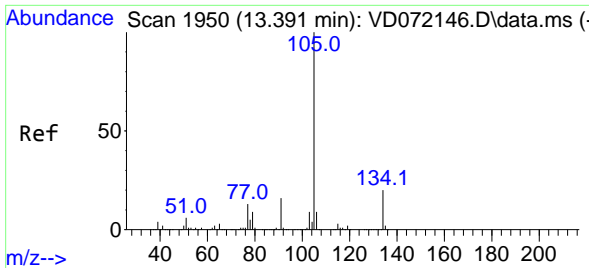


#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.192 ug/l  
 RT: 13.255 min Scan# 1927  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



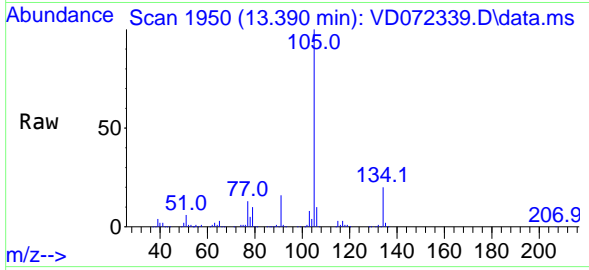
Tgt Ion:105 Resp: 367822  
 Ion Ratio Lower Upper  
 105 100  
 120 43.5 22.3 66.8





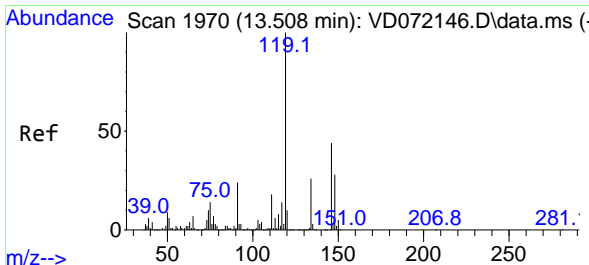
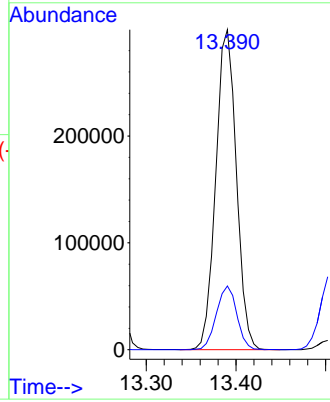
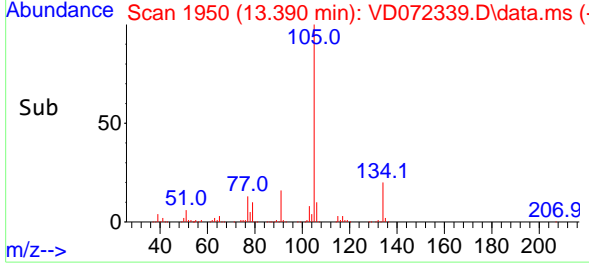
#85  
 sec-Butylbenzene  
 Concen: 19.575 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 ClientSampleId : VD0321SBSD01

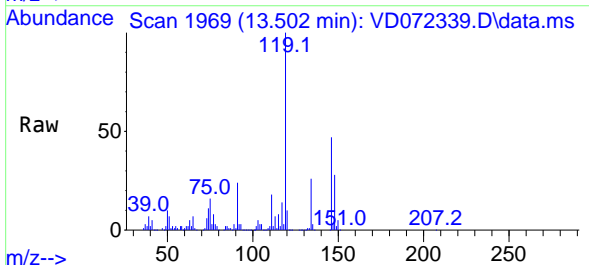


Tgt Ion:105 Resp: 476478  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.3

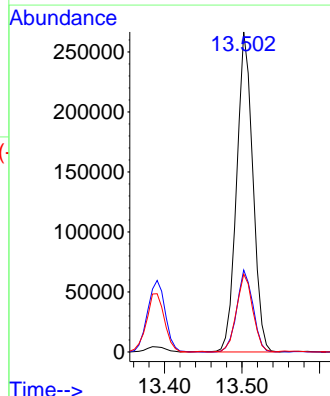
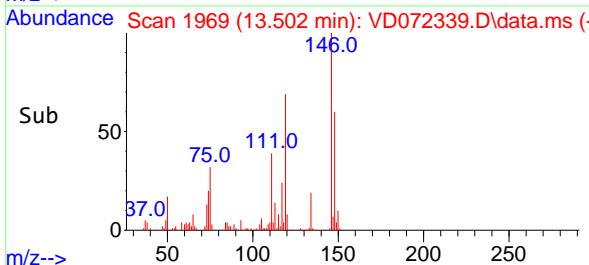
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

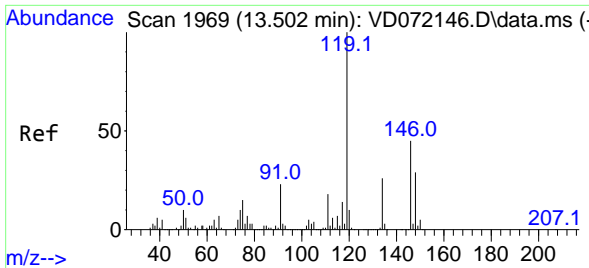


#86  
 p-Isopropyltoluene  
 Concen: 19.407 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:119 Resp: 388708  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 12.9 38.6  
 91 24.6 12.1 36.3





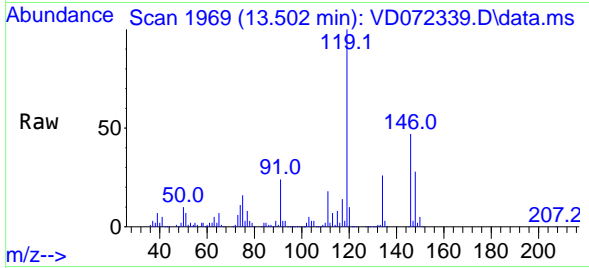
#87  
 1,3-Dichlorobenzene  
 Concen: 20.438 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

ClientSampleID :

VD0321SBSD01



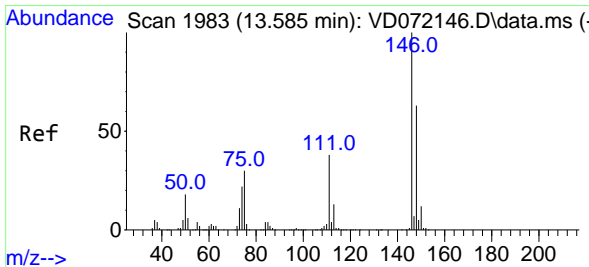
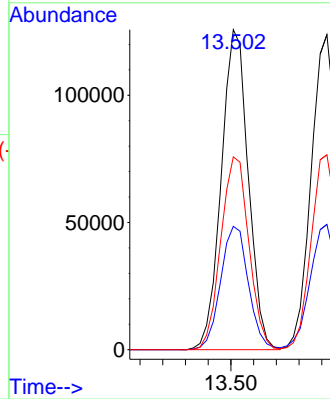
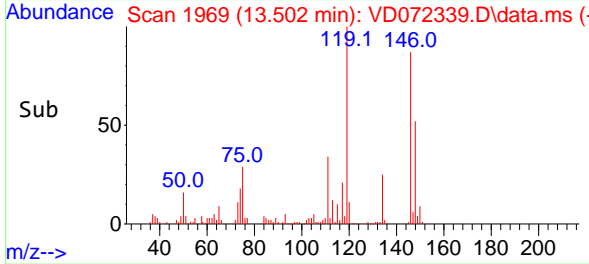
Tgt Ion:146 Resp: 207469  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 20.4 61.3  
 148 62.7 31.9 95.7

Manual Integrations

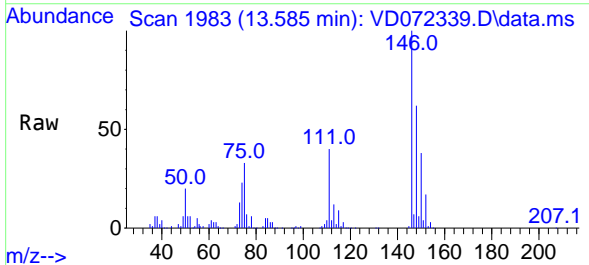
APPROVED

Reviewed By :John Carlone 03/22/2022

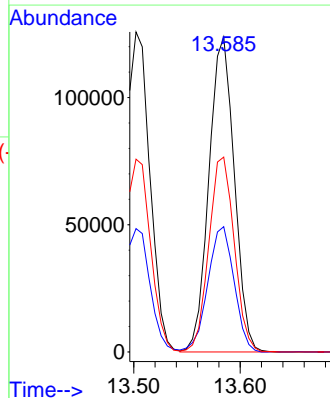
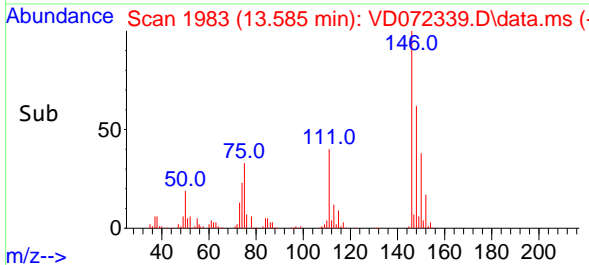
Supervised By :Mahesh Dadoda 03/22/2022



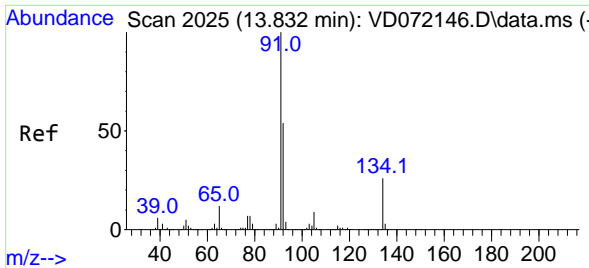
#88  
 1,4-Dichlorobenzene  
 Concen: 20.361 ug/l  
 RT: 13.585 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:146 Resp: 204957  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 20.3 60.9  
 148 62.0 31.7 95.1







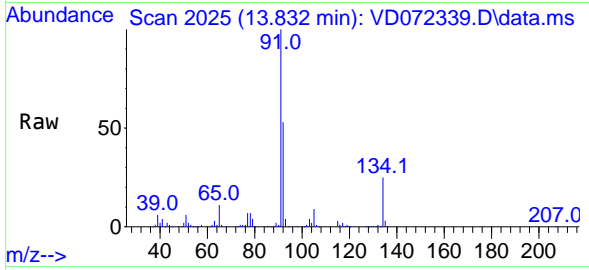
#89  
 n-Butylbenzene  
 Concen: 19.647 ug/l  
 RT: 13.832 min Scan# 2025  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

Client Sample Id :

VD0321SBSD01



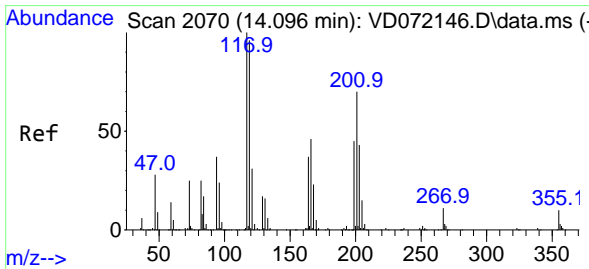
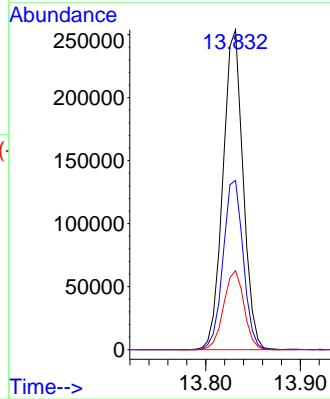
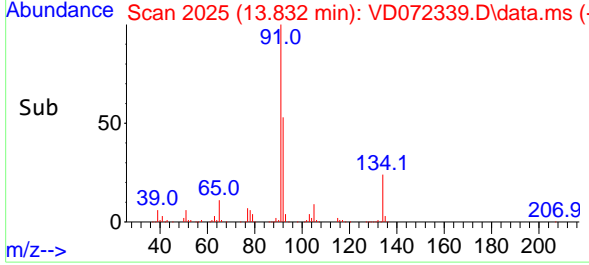
Tgt Ion: 91 Resp: 375098  
 Ion Ratio Lower Upper  
 91 100  
 92 53.0 26.6 79.8  
 134 25.0 12.3 36.9

Manual Integrations

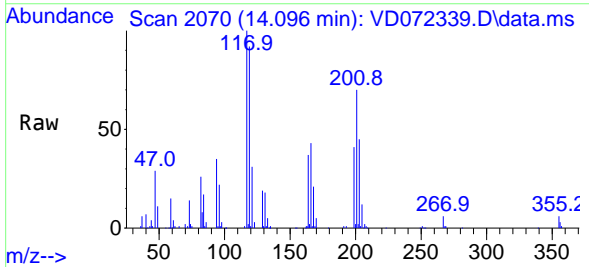
APPROVED

Reviewed By :John Carlone 03/22/2022

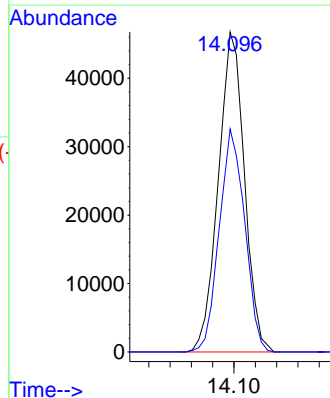
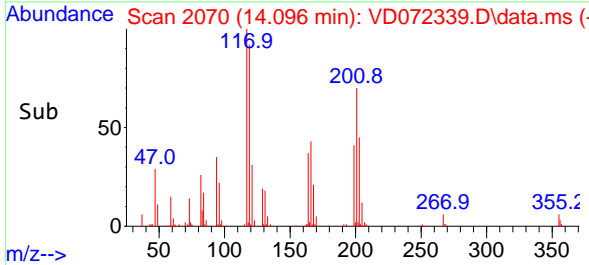
Supervised By :Mahesh Dadoda 03/22/2022

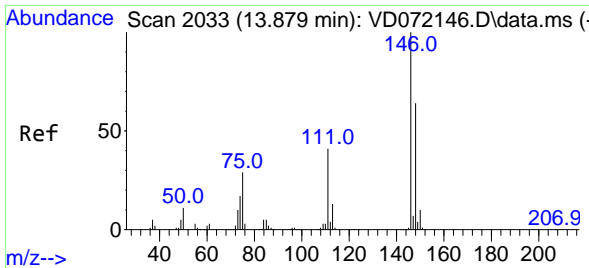


#90  
 Hexachloroethane  
 Concen: 20.247 ug/l  
 RT: 14.096 min Scan# 2070  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:117 Resp: 79484  
 Ion Ratio Lower Upper  
 117 100  
 201 67.9 33.4 100.2





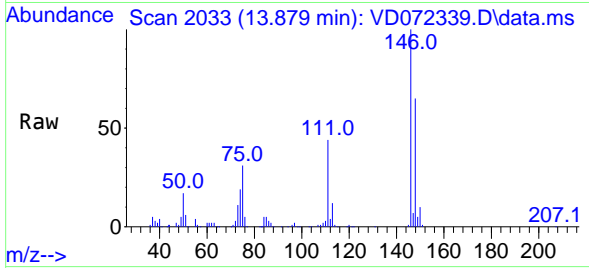
#91  
 1,2-Dichlorobenzene  
 Concen: 20.580 ug/l  
 RT: 13.879 min Scan# 2033  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument :

MSVOA\_D

ClientSampleId :

VD0321SBSD01

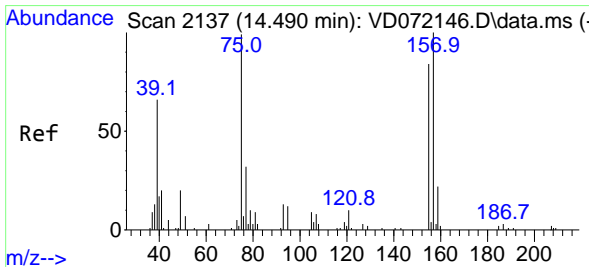
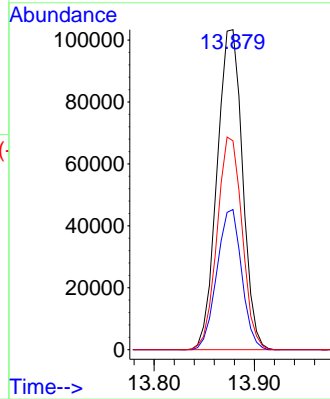
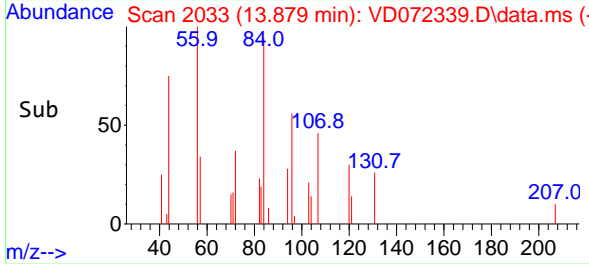


Tgt Ion:146 Resp: 18214  
 Ion Ratio Lower Upper  
 146 100  
 111 42.6 21.1 63.3  
 148 65.5 31.7 95.1

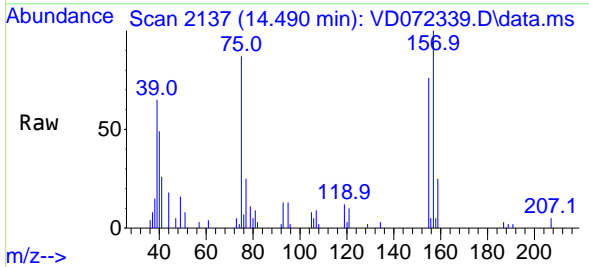
Manual Integrations

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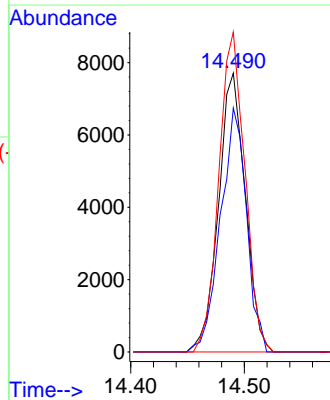
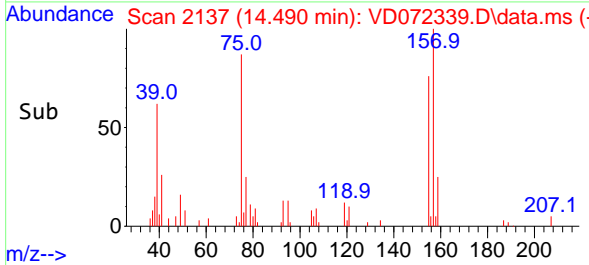
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

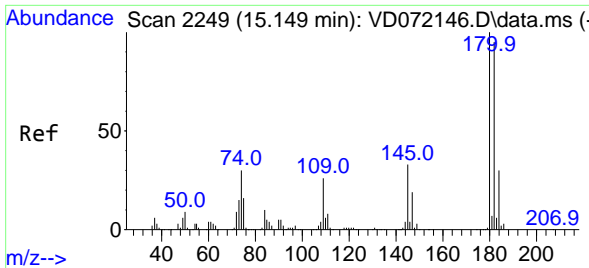


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.588 ug/l  
 RT: 14.490 min Scan# 2137  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



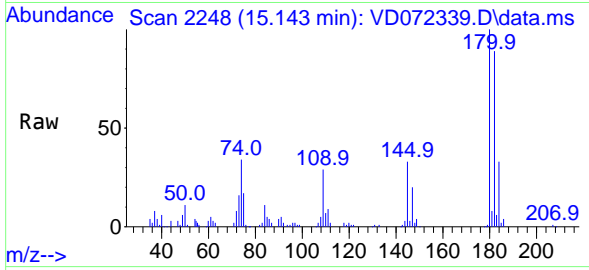
Tgt Ion: 75 Resp: 12646  
 Ion Ratio Lower Upper  
 75 100  
 155 84.7 36.8 110.3  
 157 111.6 48.4 145.0





#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.695 ug/l  
 RT: 15.143 min Scan# 211  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

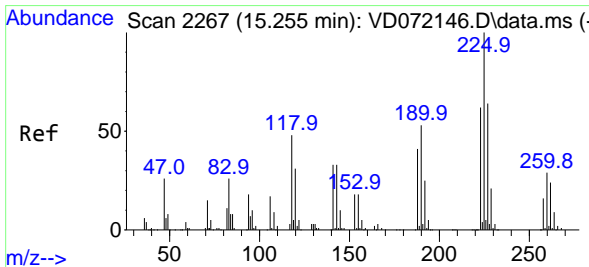
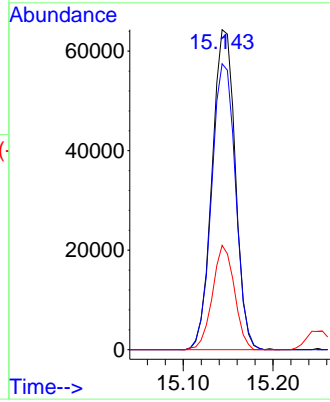
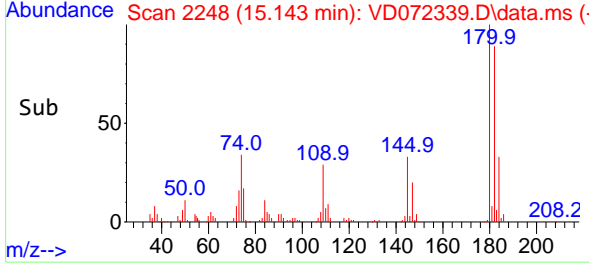
Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01



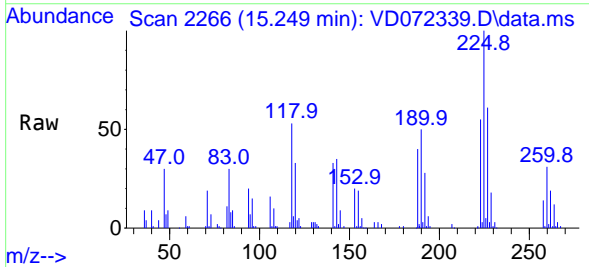
Tgt Ion:180 Resp: 11540  
 Ion Ratio Lower Upper  
 180 100  
 182 91.9 47.3 142.0  
 145 30.8 16.2 48.5

Manual Integrations  
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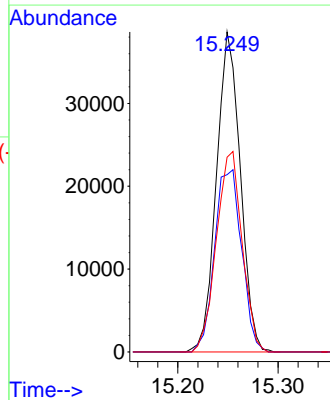
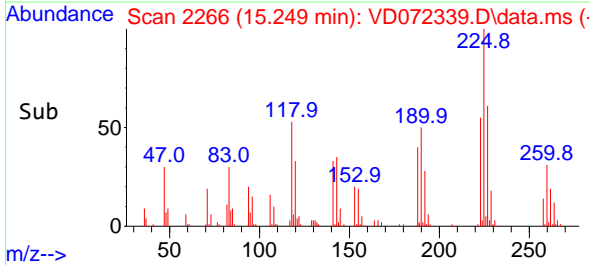
Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022

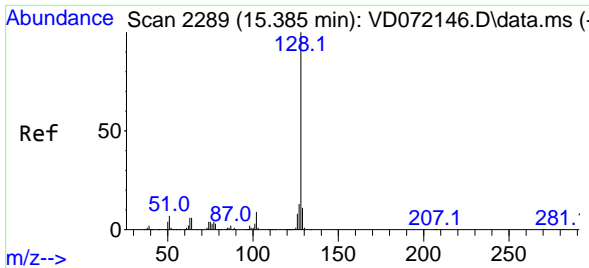


#94  
 Hexachlorobutadiene  
 Concen: 18.738 ug/l  
 RT: 15.249 min Scan# 2266  
 Delta R.T. -0.006 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



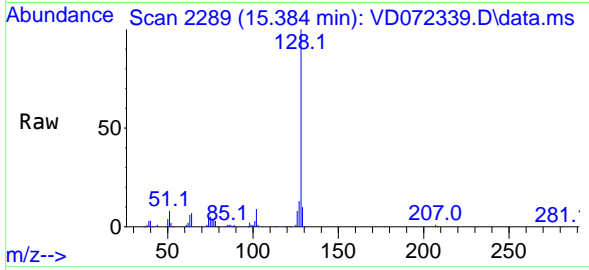
Tgt Ion:225 Resp: 63869  
 Ion Ratio Lower Upper  
 225 100  
 223 64.7 31.1 93.2  
 227 67.6 32.4 97.0





#95  
 Naphthalene  
 Concen: 20.070 ug/l  
 RT: 15.384 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41

Instrument : MSVOA\_D  
 Client Sample Id : VD0321SBSD01

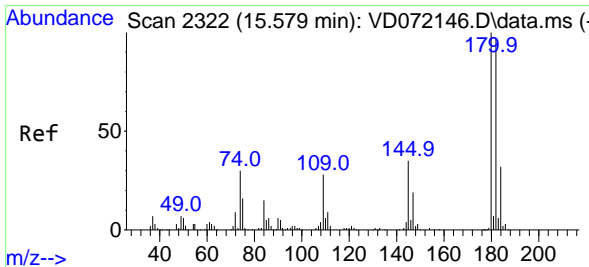
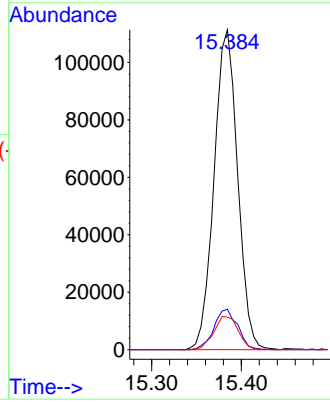
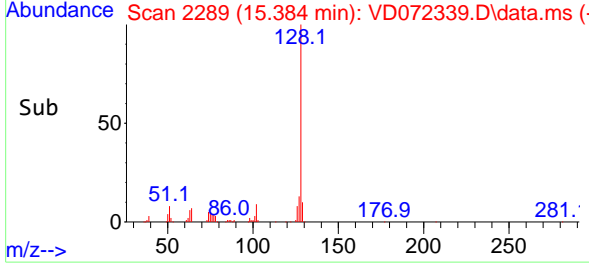


Tgt Ion:128 Resp: 202719

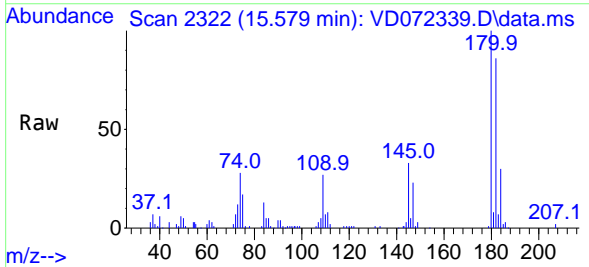
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.4	12.6

Manual Integrations  
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Reviewed By :John Carlone 03/22/2022  
 Supervised By :Mahesh Dadoda 03/22/2022



#96  
 1,2,3-Trichlorobenzene  
 Concen: 20.127 ug/l  
 RT: 15.579 min Scan# 2322  
 Delta R.T. -0.000 min  
 Lab File: VD072339.D  
 Acq: 21 Mar 2022 14:41



Tgt Ion:180 Resp: 102085

Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.6	142.9
145	34.9	17.1	51.3

