

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072133.D
 Acq On : 01 Mar 2022 11:41
 Operator : VA/SY
 Sample : VD0301SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0301SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 06:07:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	441430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	722426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	675513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	338134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	242210	52.897	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.800%			
35) Dibromofluoromethane	7.914	113	231250	52.833	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.660%			
50) Toluene-d8	10.338	98	859867	52.975	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.940%			
62) 4-Bromofluorobenzene	12.626	95	312785	52.460	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	74381	17.871	ug/l	98
3) Chloromethane	2.209	50	65942	17.682	ug/l	98
4) Vinyl Chloride	2.350	62	60822	16.188	ug/l	96
5) Bromomethane	2.762	94	38150	14.704	ug/l	98
6) Chloroethane	2.915	64	41016	17.271	ug/l	95
7) Trichlorofluoromethane	3.273	101	133469	18.361	ug/l	98
8) Diethyl Ether	3.715	74	36580	17.652	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	83976	18.490	ug/l	98
10) Methyl Iodide	4.309	142	65398	15.214	ug/l	99
11) Tert butyl alcohol	5.220	59	27984	107.112	ug/l #	95
12) 1,1-Dichloroethene	4.068	96	68413	16.959	ug/l	96
13) Acrolein	3.921	56	39337	76.355	ug/l	100
14) Allyl chloride	4.720	41	117322	16.595	ug/l	96
15) Acrylonitrile	5.420	53	108536	96.908	ug/l	99
16) Acetone	4.162	43	86452	87.361	ug/l	90
17) Carbon Disulfide	4.415	76	138394	12.823	ug/l	100
18) Methyl Acetate	4.720	43	54508	21.015	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	197401	20.115	ug/l	96
20) Methylene Chloride	4.968	84	88701	18.010	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	76272	16.827	ug/l	95
22) Diisopropyl ether	6.367	45	283675	19.216	ug/l	98
23) Vinyl Acetate	6.303	43	754010	95.643	ug/l	97
24) 1,1-Dichloroethane	6.262	63	160623	18.289	ug/l	98
25) 2-Butanone	7.209	43	137175	100.294	ug/l	99
26) 2,2-Dichloropropane	7.209	77	134466	19.133	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	95063	18.305	ug/l	99
28) Bromochloromethane	7.544	49	68982	18.425	ug/l	97
29) Tetrahydrofuran	7.562	42	81790	93.700	ug/l	100
30) Chloroform	7.709	83	175083	19.417	ug/l	99
31) Cyclohexane	7.985	56	124035	15.336	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	148703	19.163	ug/l	98
36) 1,1-Dichloropropene	8.109	75	113033	17.048	ug/l	98
37) Ethyl Acetate	7.291	43	60290	19.610	ug/l	96
38) Carbon Tetrachloride	8.097	117	126248	18.578	ug/l	99
39) Methylcyclohexane	9.356	83	122287	15.759	ug/l	98
40) Benzene	8.350	78	335415	17.928	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	43457m	22.794	ug/l	
42) 1,2-Dichloroethane	8.420	62	110438	19.679	ug/l	100
43) Isopropyl Acetate	8.450	43	112079	19.576	ug/l	100
44) Trichloroethene	9.108	130	90730	17.793	ug/l	98
45) 1,2-Dichloropropane	9.385	63	94131	18.862	ug/l	100
46) Dibromomethane	9.473	93	48009	18.229	ug/l	98
47) Bromodichloromethane	9.656	83	134878	19.854	ug/l	99
48) Methyl methacrylate	9.456	41	49198	17.011	ug/l #	78
49) 1,4-Dioxane	9.461	88	11676	373.725	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	302854	99.813	ug/l	98
52) Toluene	10.397	92	219476	18.332	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	125297	20.166	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	142902	19.433	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	73550	19.845	ug/l	99
56) Ethyl methacrylate	10.655	69	86241	19.486	ug/l	98
57) 1,3-Dichloropropane	10.938	76	127026	19.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	216667	109.427	ug/l	100
59) 2-Hexanone	10.979	43	207334	100.180	ug/l	98
60) Dibromochloromethane	11.132	129	92577	20.003	ug/l	96
61) 1,2-Dibromoethane	11.238	107	67453	19.045	ug/l	100
64) Tetrachloroethene	10.873	164	76120	17.849	ug/l	99
65) Chlorobenzene	11.667	112	248041	18.946	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	97177	19.999	ug/l	96
67) Ethyl Benzene	11.738	91	430308	18.692	ug/l	96
68) m/p-Xylenes	11.850	106	328953	37.327	ug/l	98
69) o-Xylene	12.173	106	158392	19.106	ug/l	99
70) Styrene	12.191	104	280478	19.715	ug/l	99
71) Bromoform	12.350	173	56864	20.405	ug/l #	99
73) Isopropylbenzene	12.473	105	433963	18.692	ug/l	100
74) N-amyl acetate	12.279	43	104723	18.680	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	90153	19.641	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	71894m	22.447	ug/l	
77) Bromobenzene	12.749	156	102043	18.769	ug/l	97
78) n-propylbenzene	12.814	91	535885	18.779	ug/l	100
79) 2-Chlorotoluene	12.902	91	309757	18.755	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	375737	19.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	26748	20.913	ug/l	95
82) 4-Chlorotoluene	12.997	91	325501	18.936	ug/l	99
83) tert-Butylbenzene	13.214	119	321359	19.294	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	377189	19.792	ug/l	100
85) sec-Butylbenzene	13.391	105	487269	19.204	ug/l	100
86) p-Isopropyltoluene	13.508	119	407493	19.526	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	209966	19.105	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	212375	19.232	ug/l	98
89) n-Butylbenzene	13.832	91	381155	19.207	ug/l	99
90) Hexachloroethane	14.096	117	75021	17.909	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	189130	19.624	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	15094	21.108	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	116953	19.756	ug/l	99
94) Hexachlorobutadiene	15.255	225	64143	19.704	ug/l	97
95) Naphthalene	15.385	128	216533	20.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	102191	20.013	ug/l	99

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Sample : VD0301SBS02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02

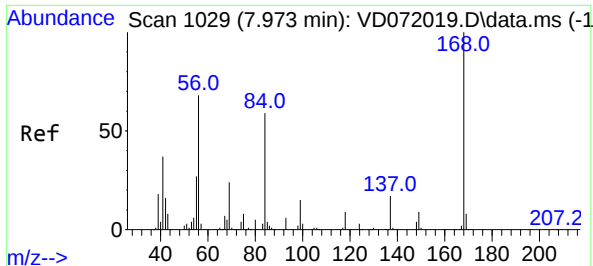
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 06:07:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

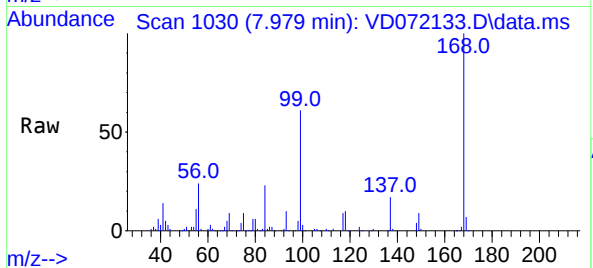
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072133.D
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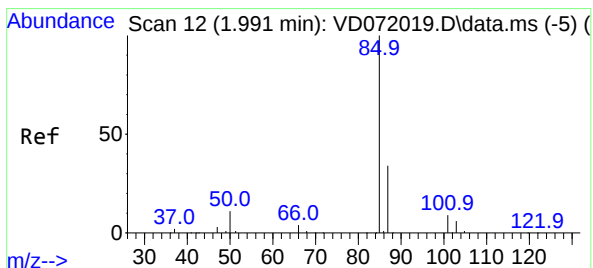
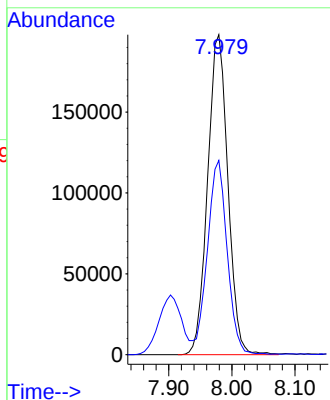
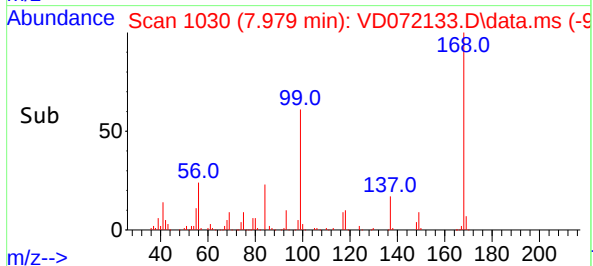
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion:168 Resp: 441430
Ion Ratio Lower Upper
168 100
99 60.5 47.1 70.7

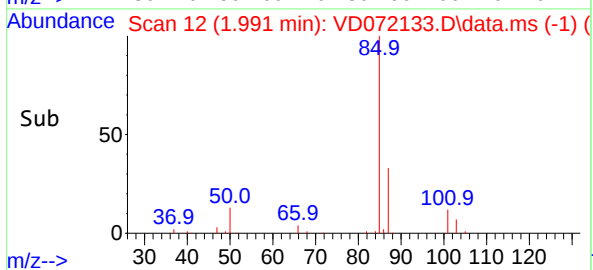
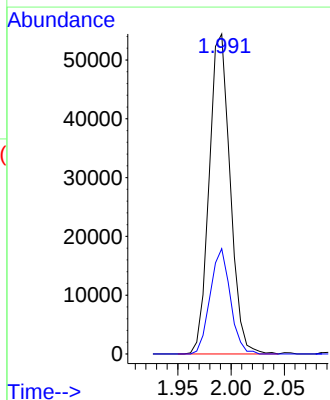
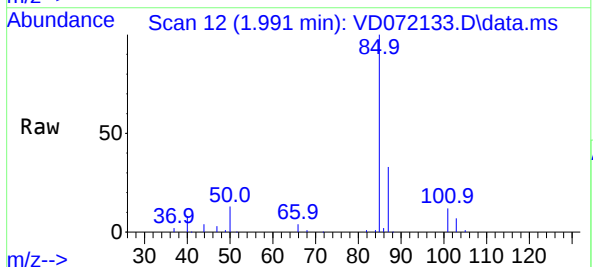
Manual Integrations
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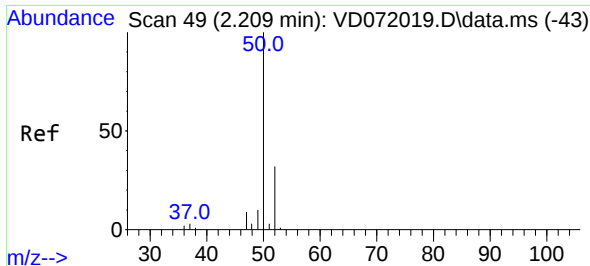
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



Dichlorodifluoromethane
Concen: 17.871 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Tgt Ion: 85 Resp: 74381
Ion Ratio Lower Upper
85 100
87 32.9 17.0 51.0





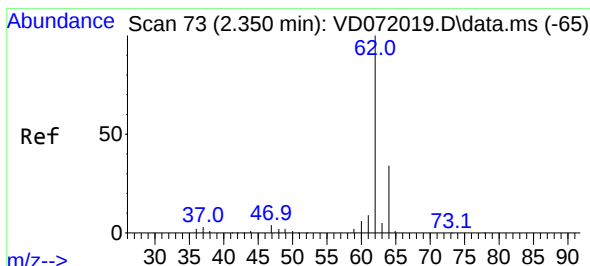
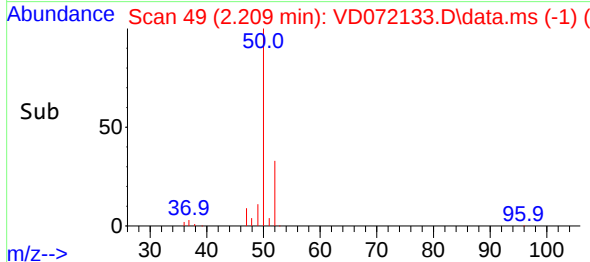
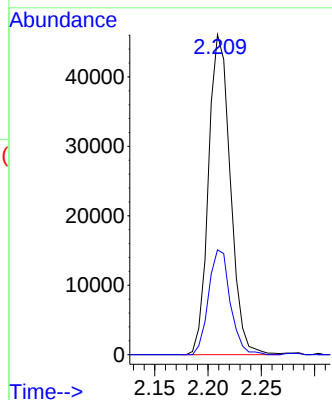
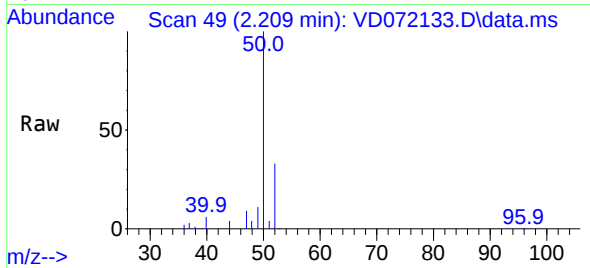
#3
Chloromethane
Concen: 17.682 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Instrument :
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VD0301SBS02

Tgt Ion: 50 Resp: 6594
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

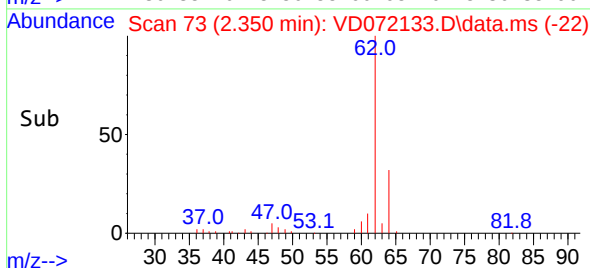
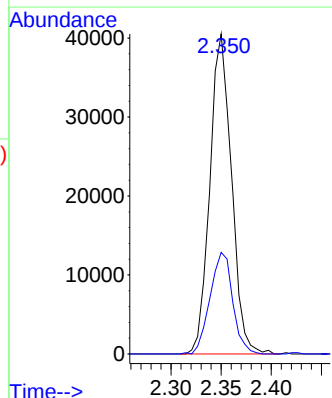
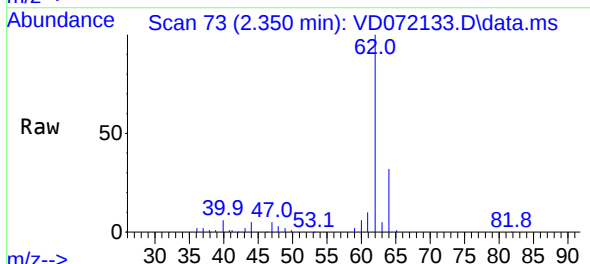
Manual Integrations
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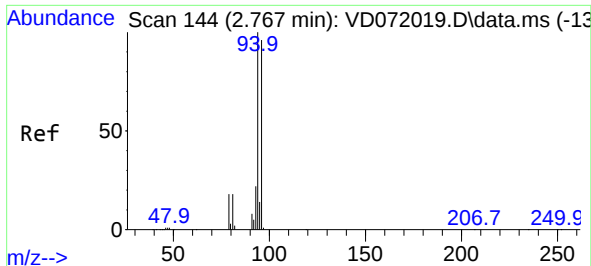
Reviewed By :John Carlone 03/02/2022
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#4
Vinyl Chloride
Concen: 16.188 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

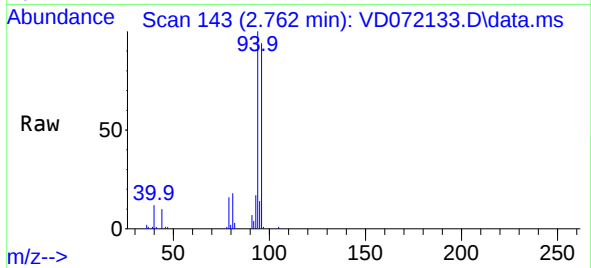
Tgt Ion: 62 Resp: 60822
Ion Ratio Lower Upper
62 100
64 31.8 27.0 40.6





#5
Bromomethane
Concen: 14.704 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

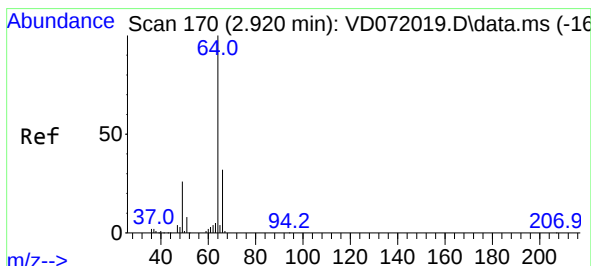
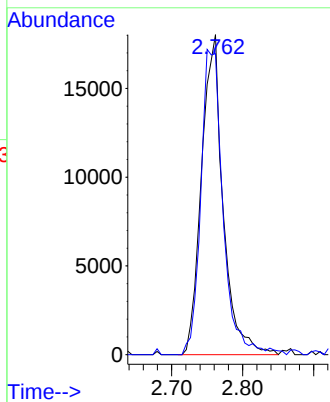
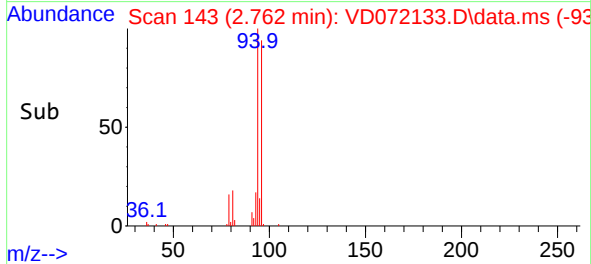
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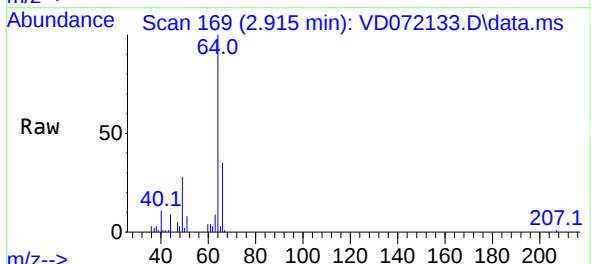
Tgt Ion: 94 Resp: 38150
Ion Ratio Lower Upper
94 100
96 94.1 76.8 115.2

Manual Integrations
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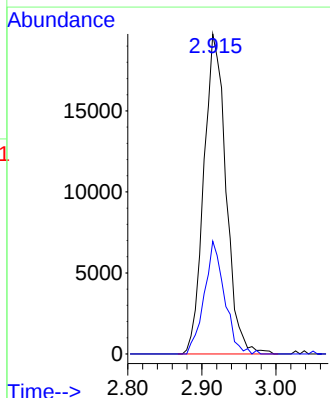
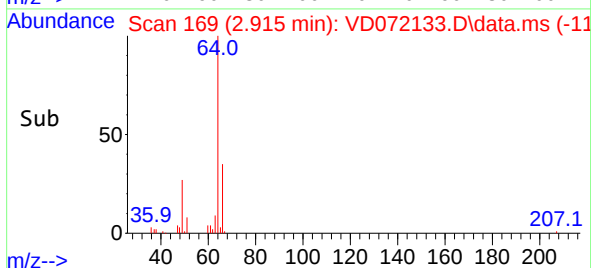
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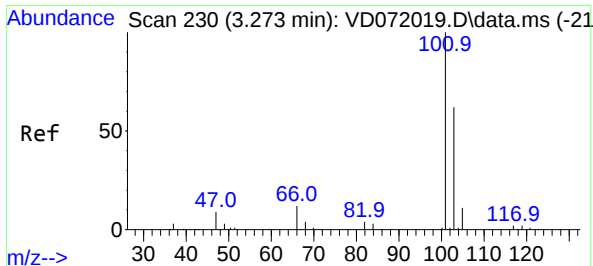


#6
Chloroethane
Concen: 17.271 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



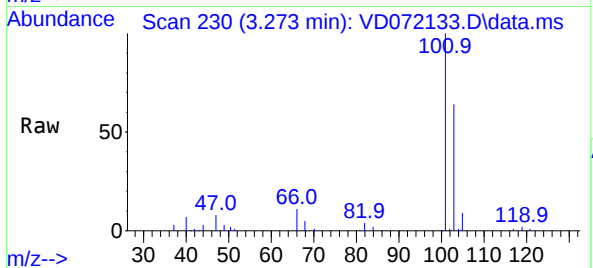
Tgt Ion: 64 Resp: 41016
Ion Ratio Lower Upper
64 100
66 35.2 25.9 38.9





#7
Trichlorofluoromethane
Concen: 18.361 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

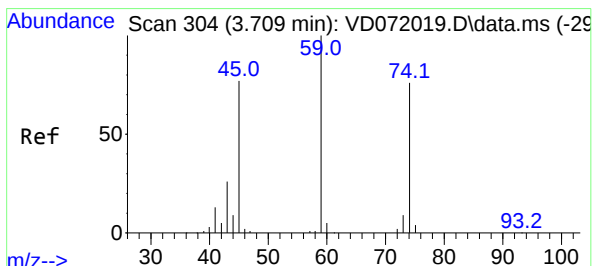
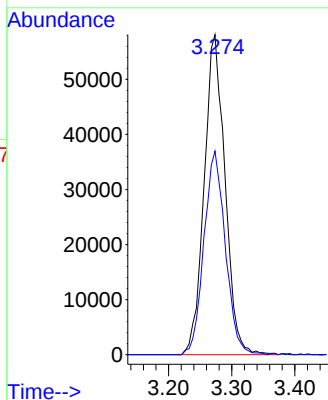
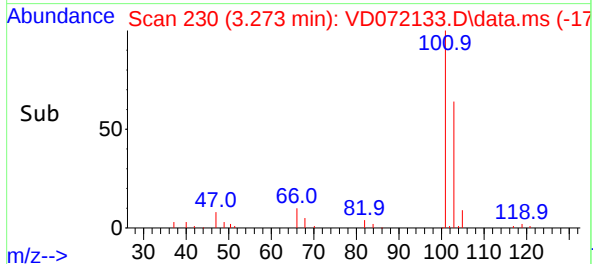
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



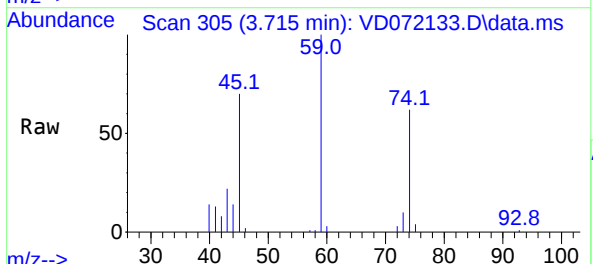
Tgt Ion:101 Resp: 133469
Ion Ratio Lower Upper
101 100
103 63.6 49.4 74.2

Manual Integrations
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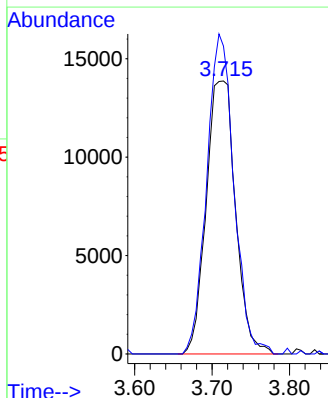
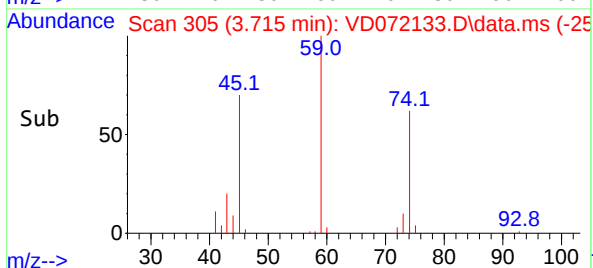
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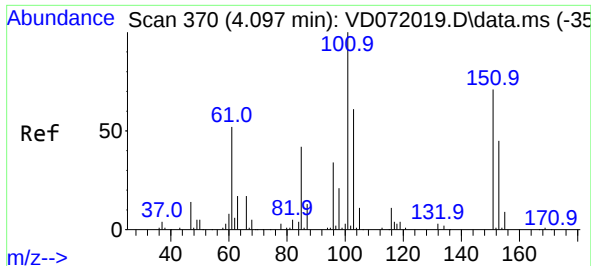


#8
Diethyl Ether
Concen: 17.652 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



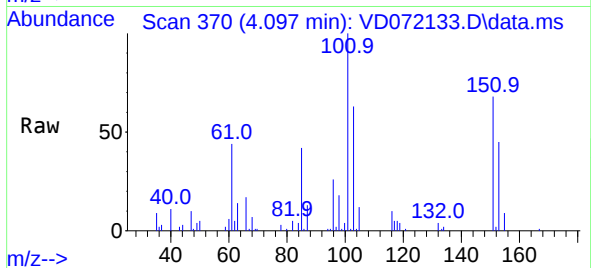
Tgt Ion: 74 Resp: 36580
Ion Ratio Lower Upper
74 100
45 108.7 50.9 152.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.490 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072133.D
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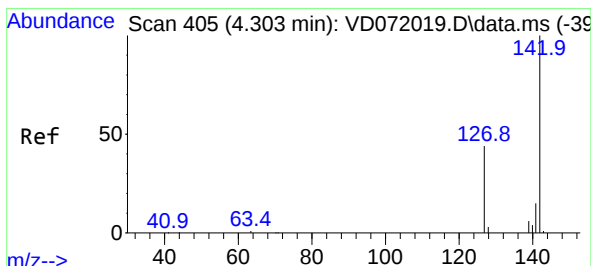
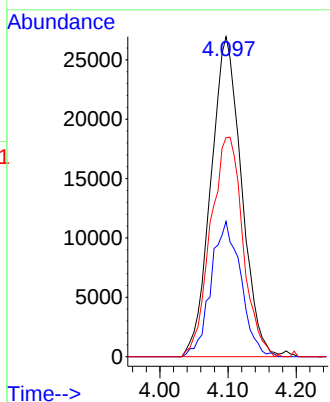
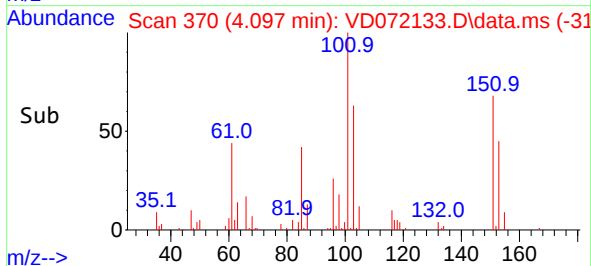
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



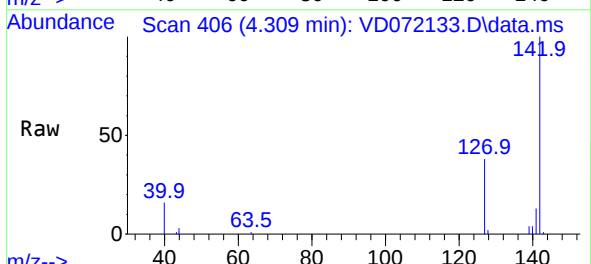
Tgt Ion:101 Resp: 83970
Ion Ratio Lower Upper
101 100
85 41.3 34.1 51.1
151 72.7 59.8 89.6

Manual Integrations
APPROVED

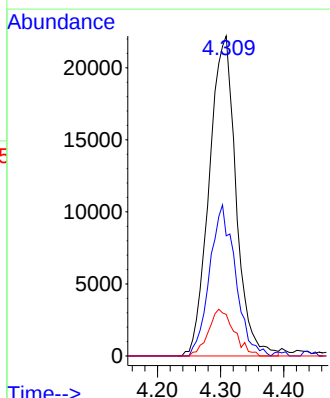
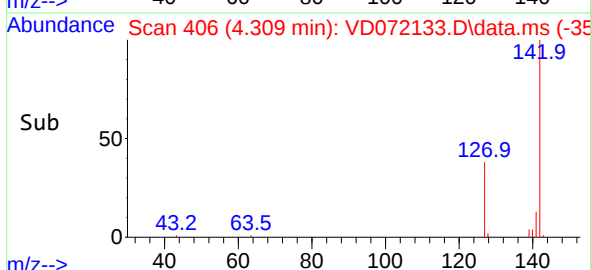
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

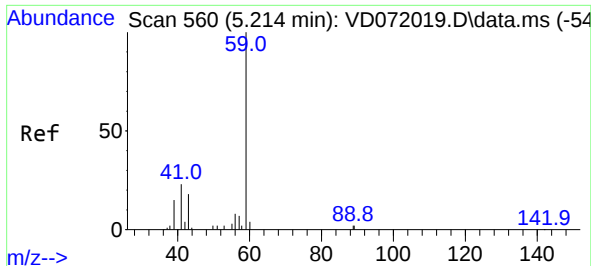


#10
Methyl Iodide
Concen: 15.214 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



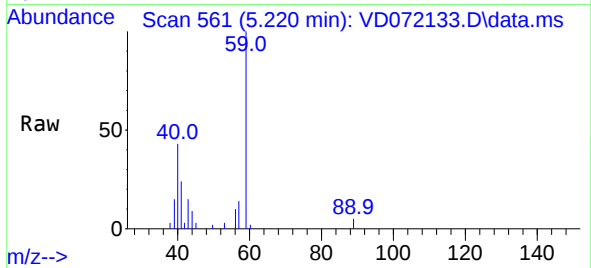
Tgt Ion:142 Resp: 65398
Ion Ratio Lower Upper
142 100
127 45.5 35.8 53.8
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 107.112 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

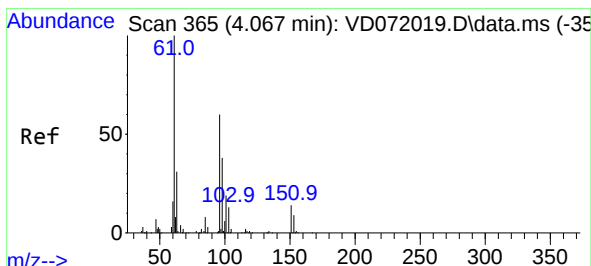
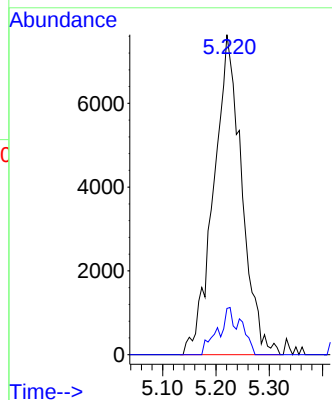
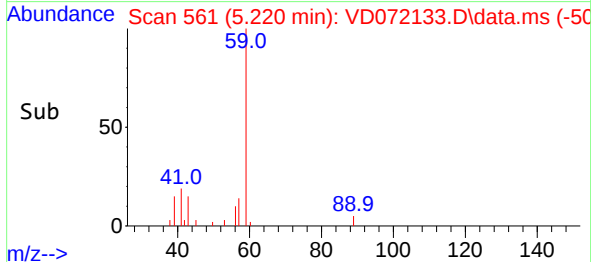
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



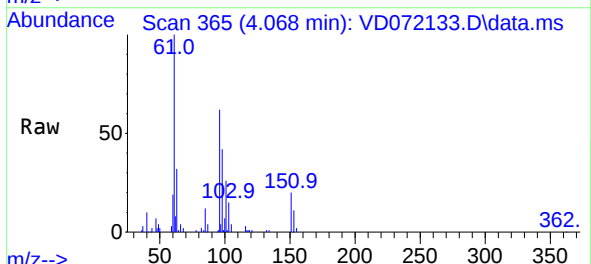
Tgt Ion: 59 Resp: 27984
Ion Ratio Lower Upper
59 100
57 8.5 5.4 8.2

Manual Integrations
APPROVED

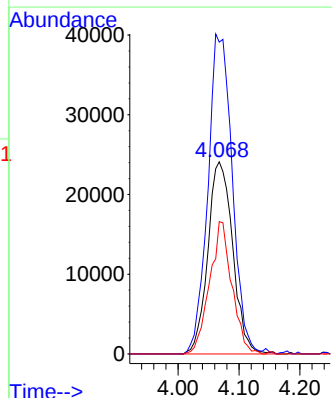
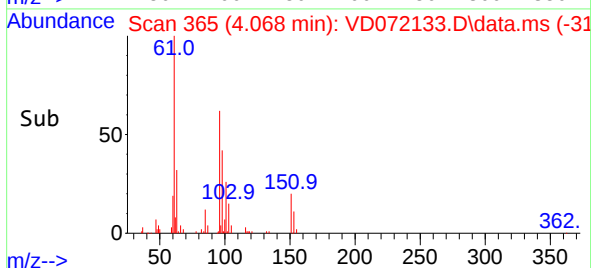
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

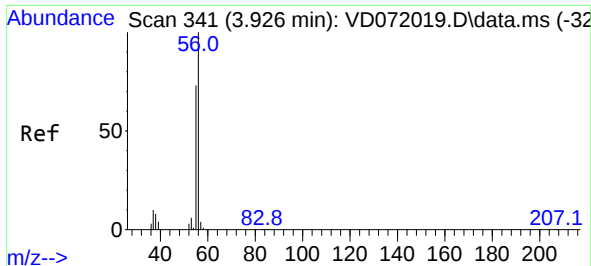


#12
1,1-Dichloroethene
Concen: 16.959 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



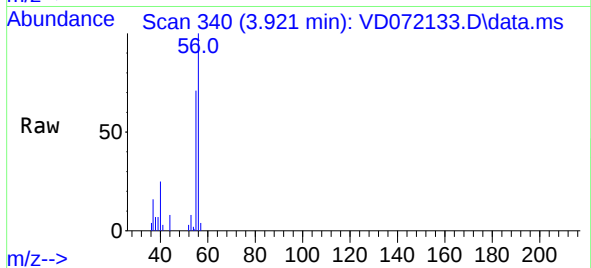
Tgt Ion: 96 Resp: 68413
Ion Ratio Lower Upper
96 100
61 162.2 132.8 199.2
98 68.8 50.1 75.1





#13
Acrolein
Concen: 76.355 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

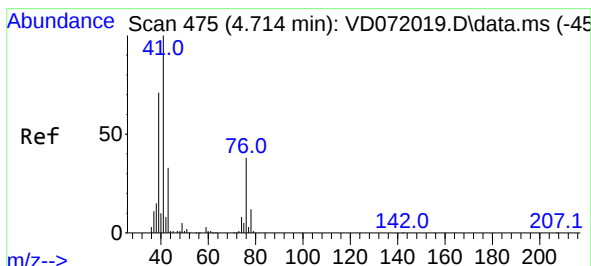
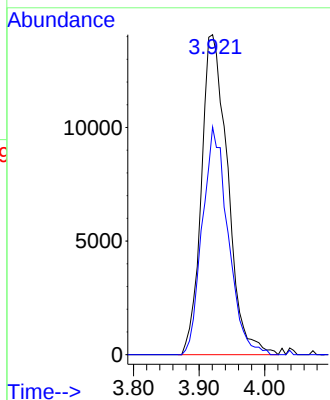
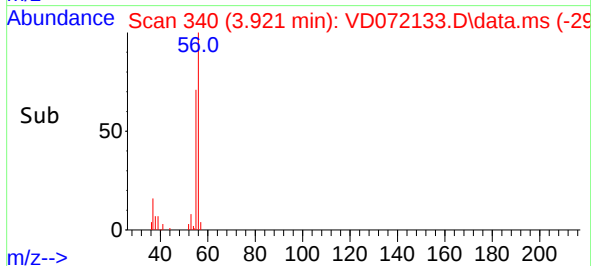
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



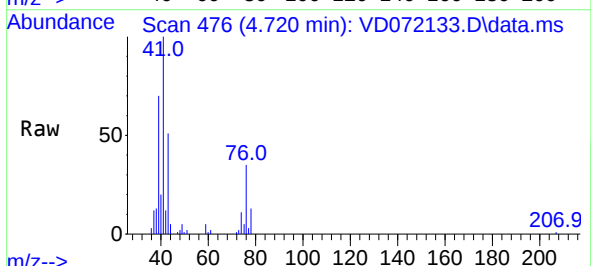
Tgt Ion: 56 Resp: 3933
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.6

Manual Integrations
APPROVED

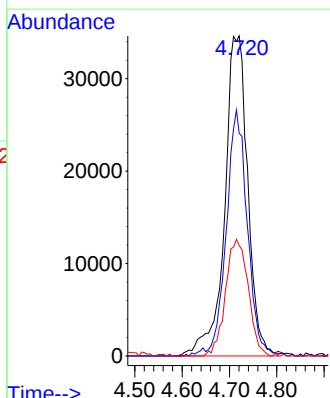
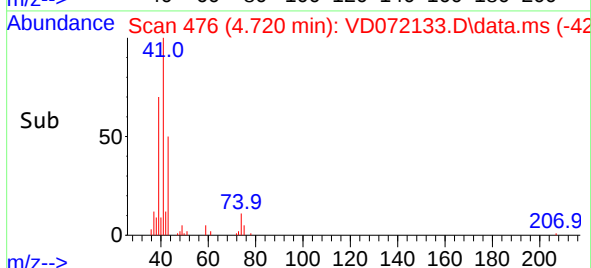
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

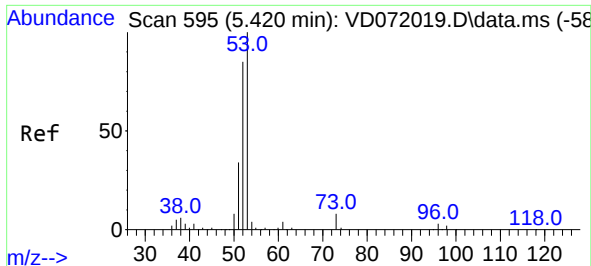


#14
Allyl chloride
Concen: 16.595 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



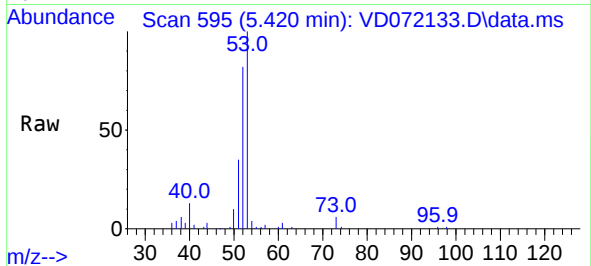
Tgt Ion: 41 Resp: 117322
Ion Ratio Lower Upper
41 100
39 70.2 52.2 78.2
76 35.8 28.1 42.1





#15
Acrylonitrile
Concen: 96.908 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

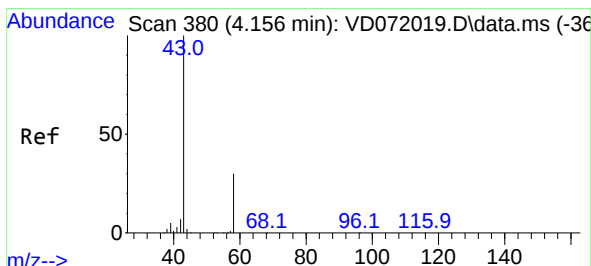
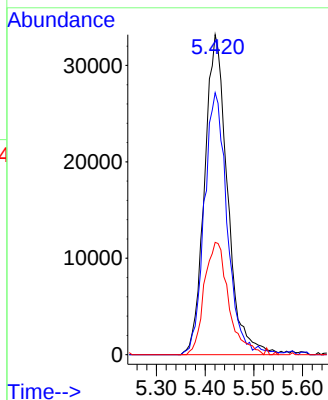
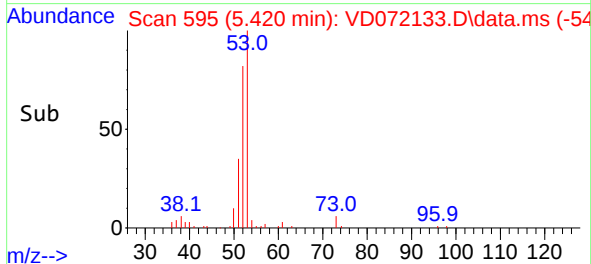
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



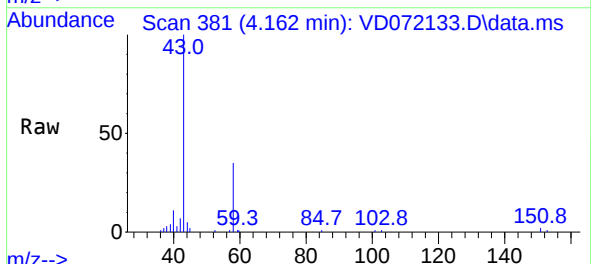
Tgt Ion: 53 Resp: 108530
Ion Ratio Lower Upper
53 100
52 80.7 65.8 98.6
51 37.1 29.4 44.0

Manual Integrations
APPROVED

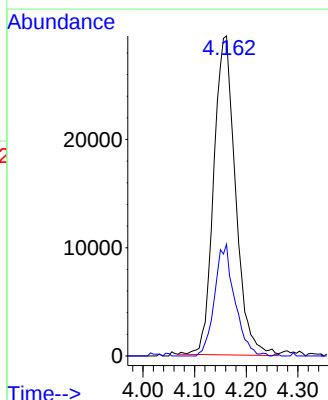
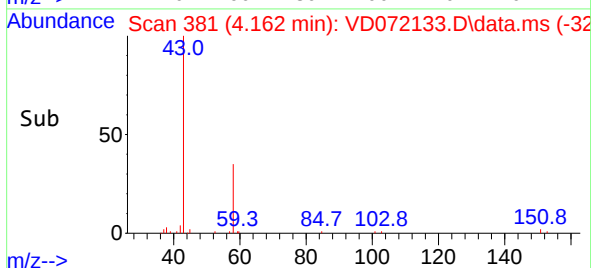
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

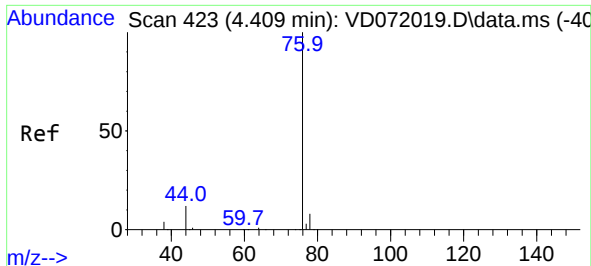


#16
Acetone
Concen: 87.361 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



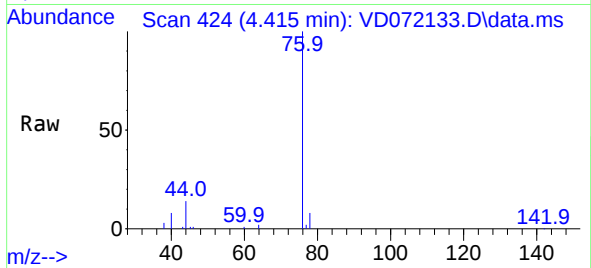
Tgt Ion: 43 Resp: 86452
Ion Ratio Lower Upper
43 100
58 35.1 23.8 35.6





#17
Carbon Disulfide
Concen: 12.823 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

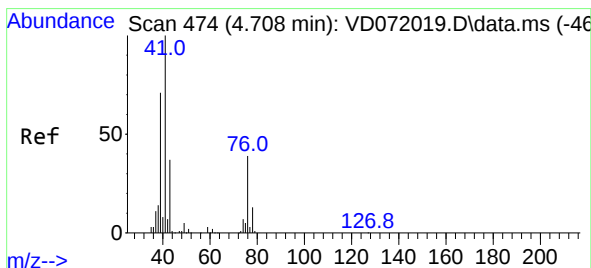
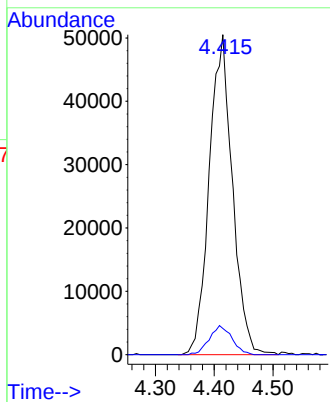
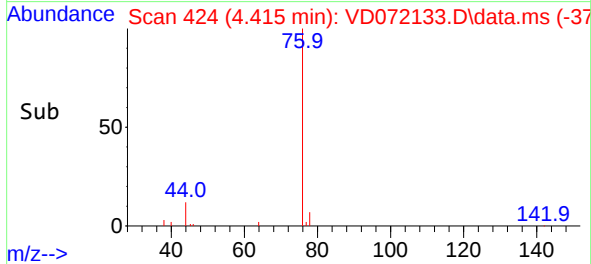
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



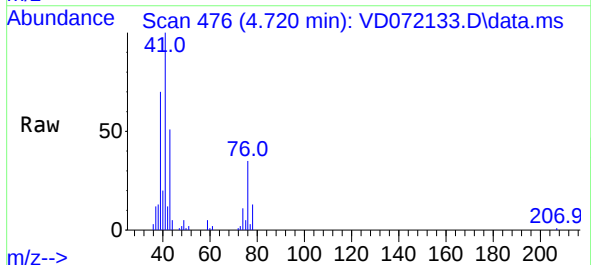
Tgt Ion: 76 Resp: 138394
Ion Ratio Lower Upper
76 100
78 8.2 6.7 10.1

Manual Integrations
APPROVED

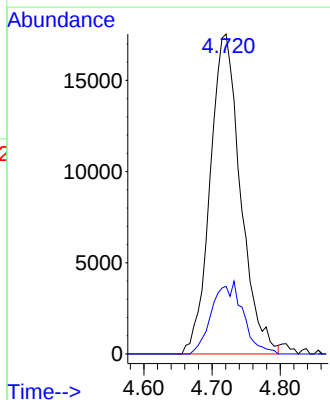
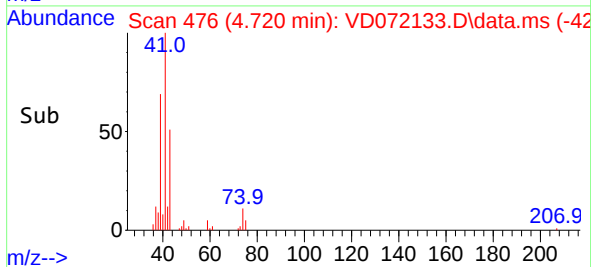
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

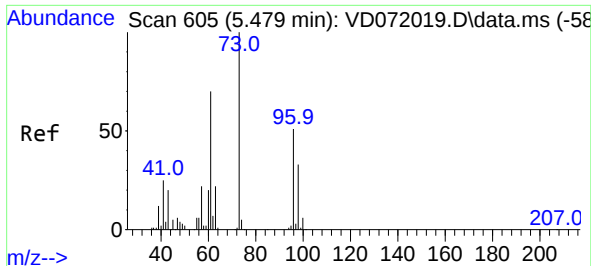


#18
Methyl Acetate
Concen: 21.015 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.012 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



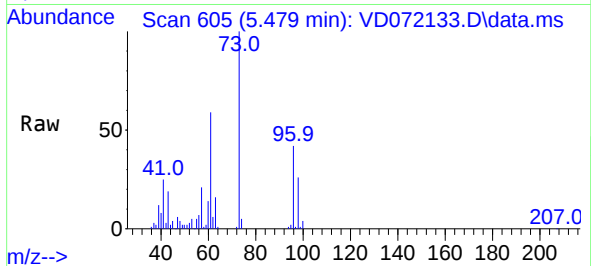
Tgt Ion: 43 Resp: 54508
Ion Ratio Lower Upper
43 100
74 23.1 18.6 27.8





#19
Methyl tert-butyl Ether
Concen: 20.115 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

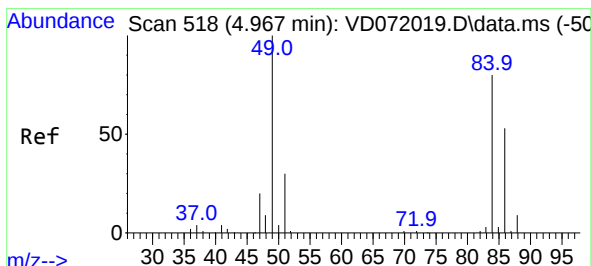
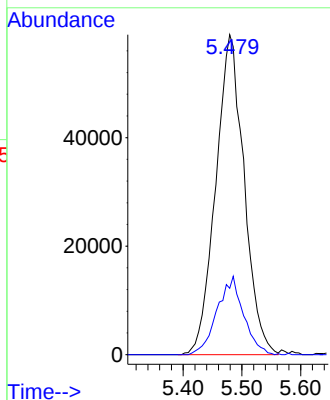
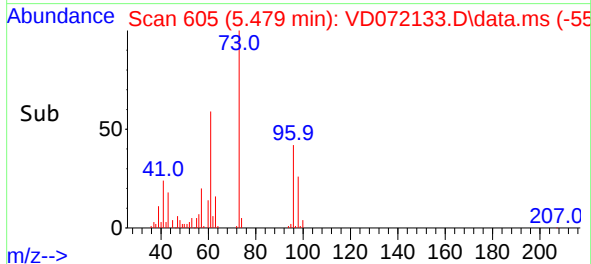
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



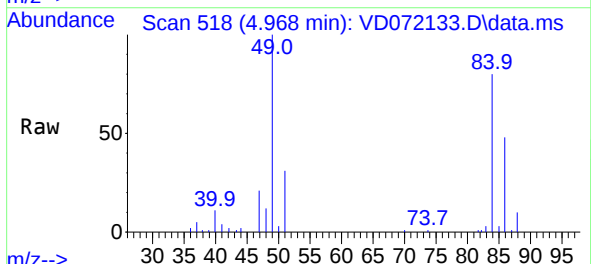
Tgt Ion: 73 Resp: 19740
Ion Ratio Lower Upper
73 100
57 20.7 18.0 27.0

Manual Integrations
APPROVED

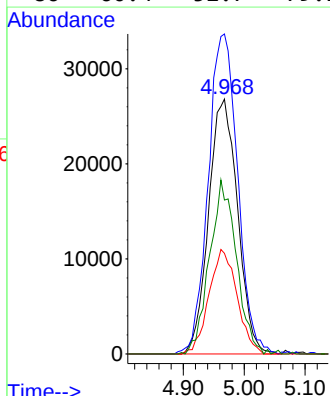
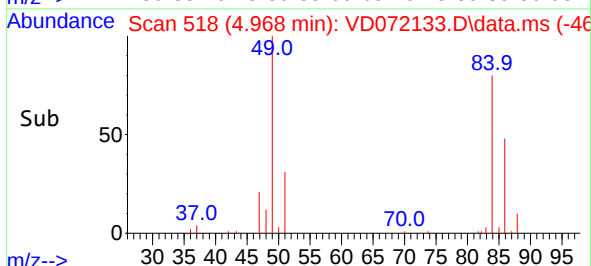
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

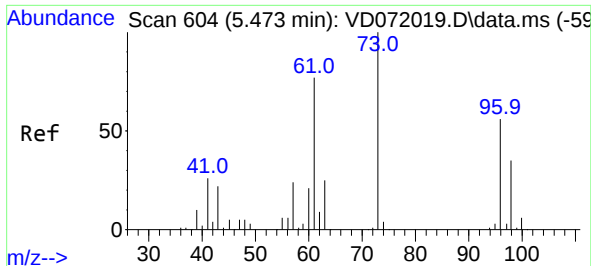


#20
Methylene Chloride
Concen: 18.010 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



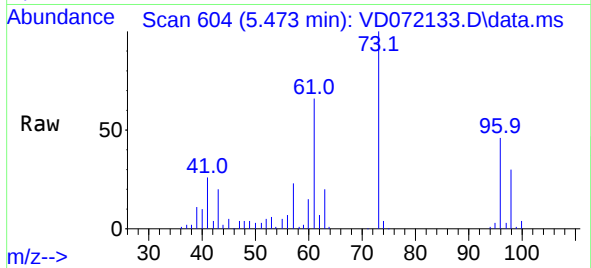
Tgt Ion: 84 Resp: 88701
Ion Ratio Lower Upper
84 100
49 125.5 100.0 150.0
51 39.5 30.2 45.4
86 60.4 52.7 79.1





#21
trans-1,2-Dichloroethene
Concen: 16.827 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

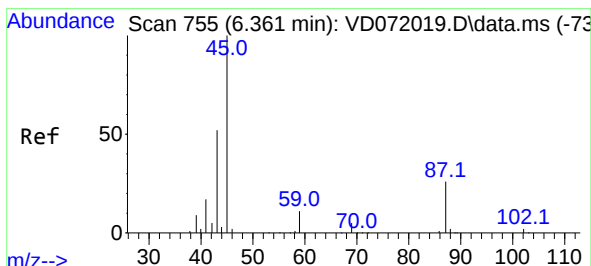
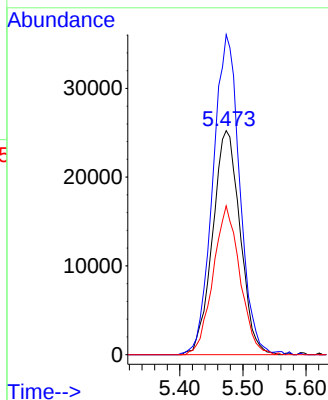
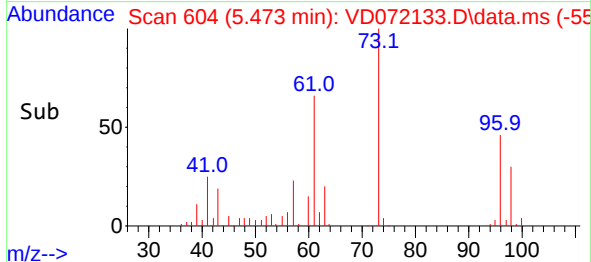
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



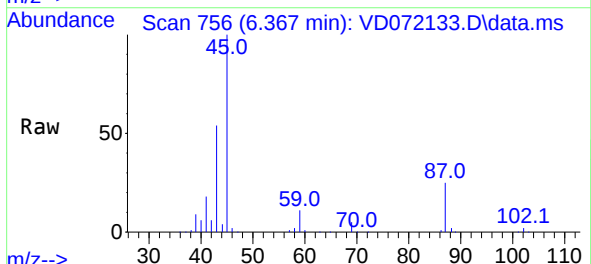
Tgt Ion: 96 Resp: 76272
Ion Ratio Lower Upper
96 100
61 142.8 109.4 164.0
98 66.4 49.6 74.4

Manual Integrations
APPROVED

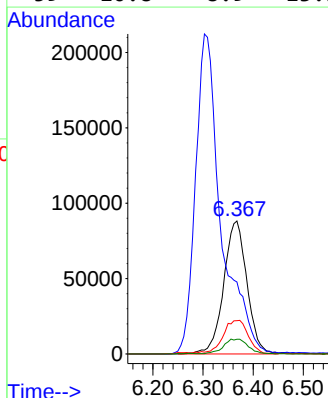
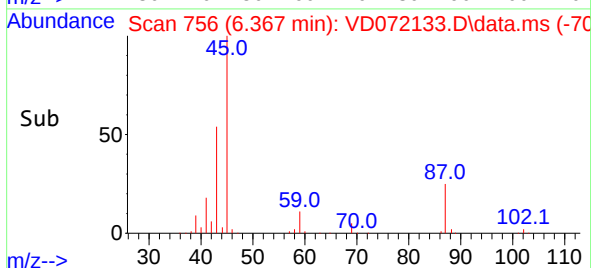
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

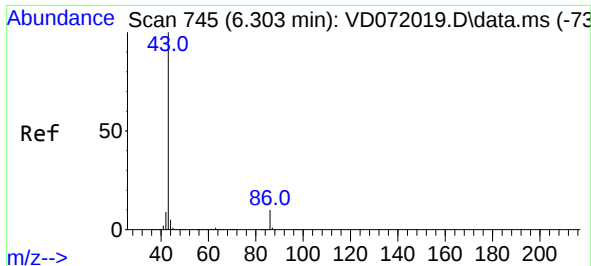


#22
Diisopropyl ether
Concen: 19.216 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



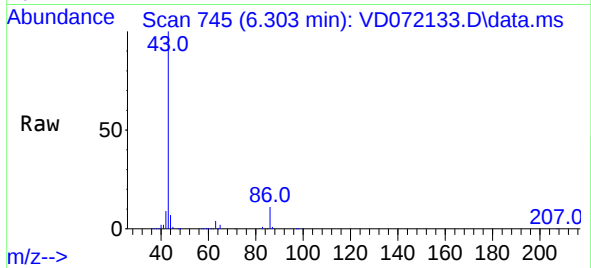
Tgt Ion: 45 Resp: 283675
Ion Ratio Lower Upper
45 100
43 53.2 41.3 61.9
87 24.8 20.4 30.6
59 10.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 95.643 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072133.D
 Acq: 01 Mar 2022 11:41

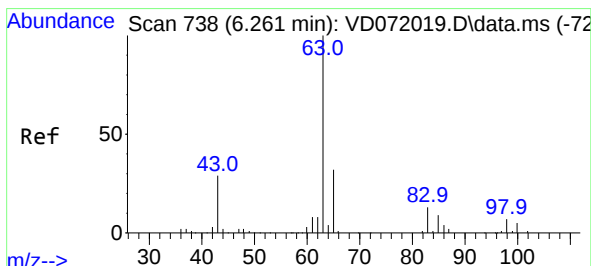
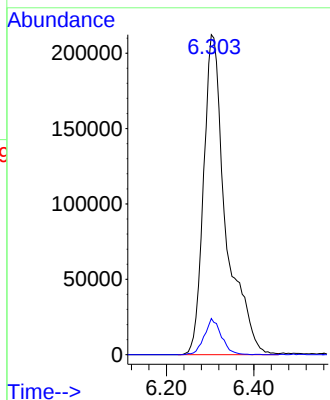
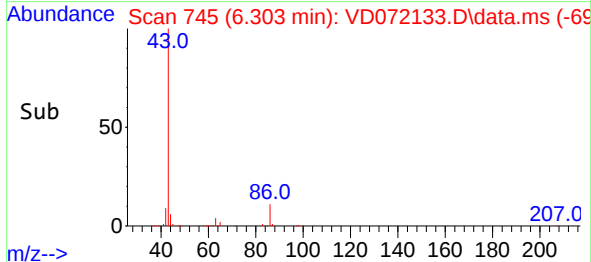
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0301SBS02



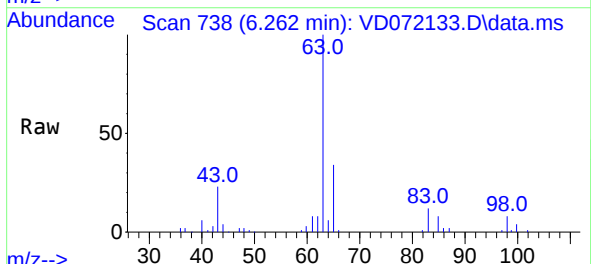
Tgt Ion: 43 Resp: 754010
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.1 12.1

Manual Integrations
 APPROVED

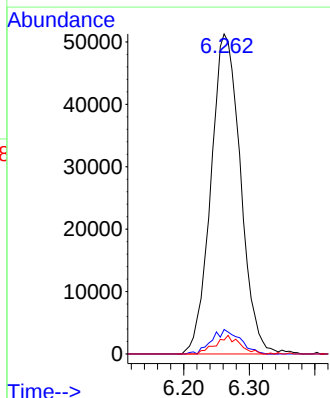
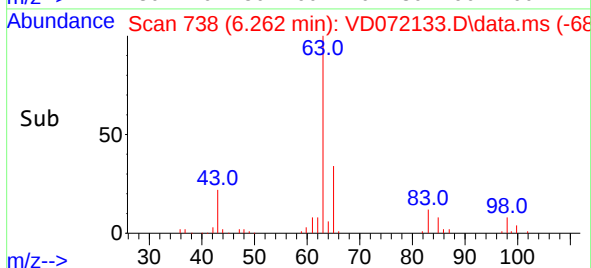
Reviewed By :John Carlone 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022

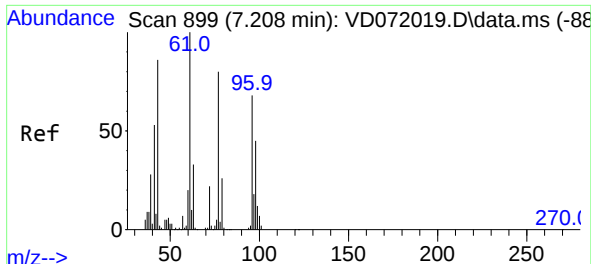


#24
 1,1-Dichloroethane
 Concen: 18.289 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072133.D
 Acq: 01 Mar 2022 11:41



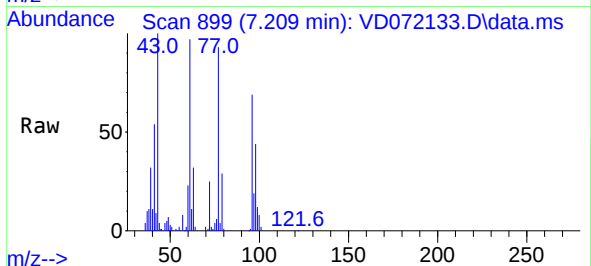
Tgt Ion: 63 Resp: 160623
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.4 2.4 7.1





#25
2-Butanone
Concen: 100.294 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

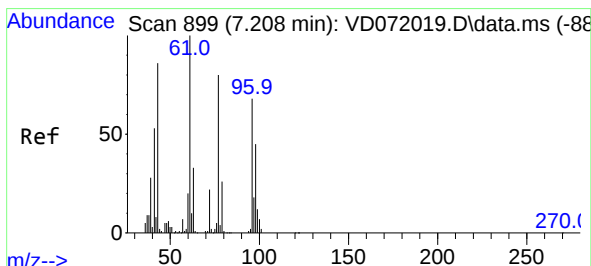
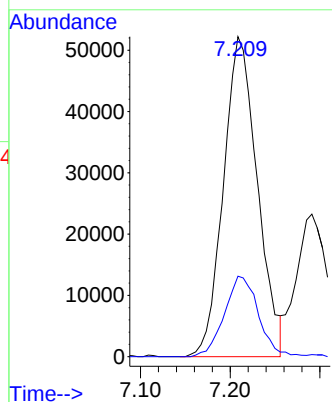
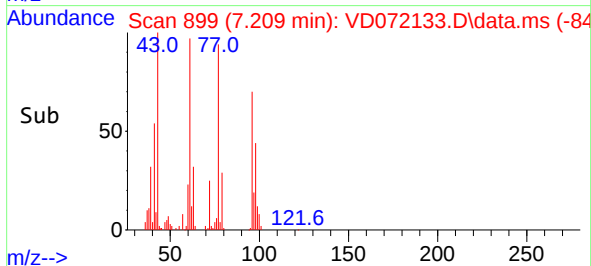
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



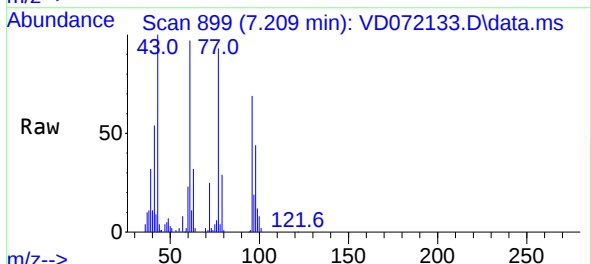
Tgt Ion: 43 Resp: 137179
Ion Ratio Lower Upper
43 100
72 25.1 20.3 30.5

Manual Integrations
APPROVED

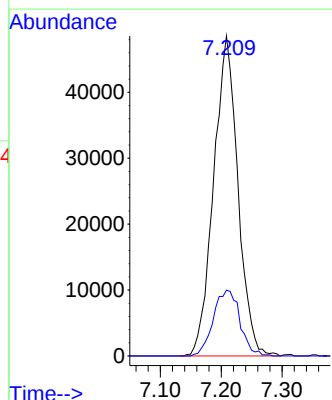
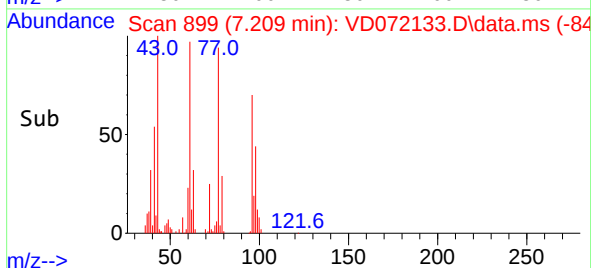
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

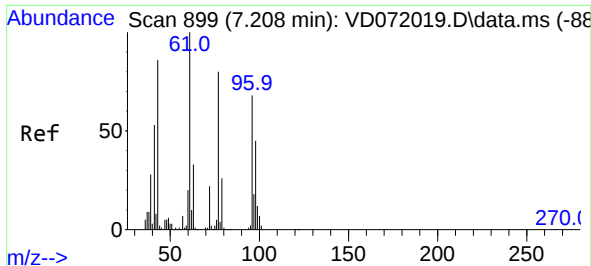


#26
2,2-Dichloropropane
Concen: 19.133 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



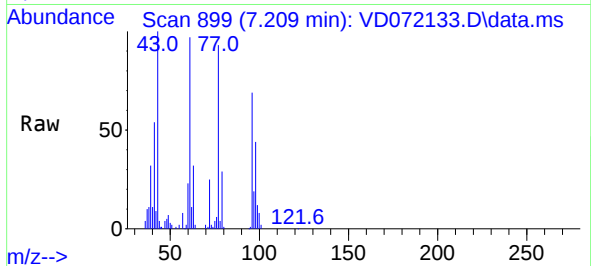
Tgt Ion: 77 Resp: 134466
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 18.305 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

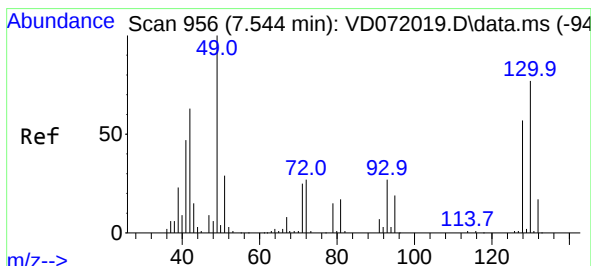
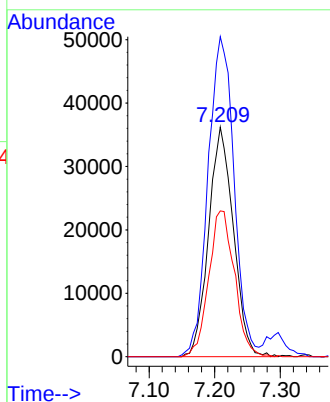
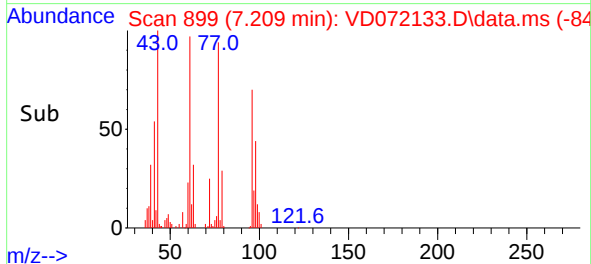
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion: 96 Resp: 9506
Ion Ratio Lower Upper
96 100
61 146.2 0.0 295.6
98 66.1 0.0 129.8

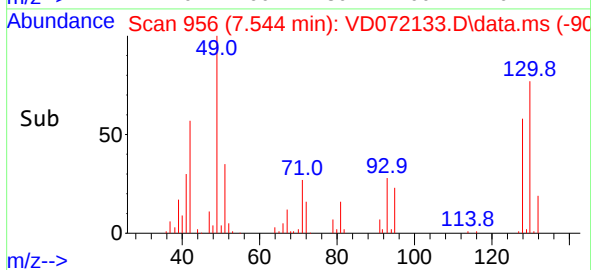
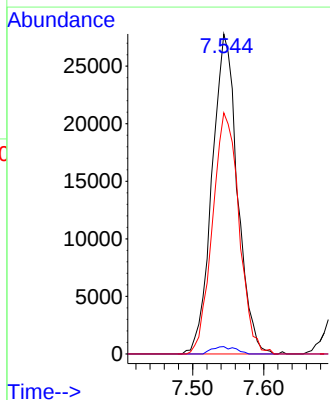
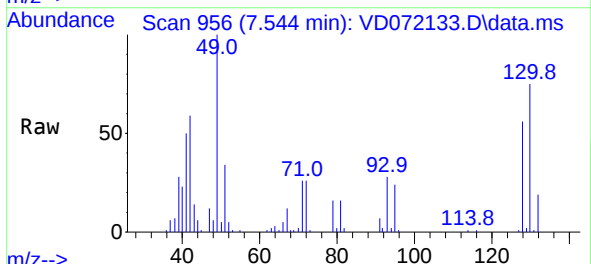
Manual Integrations
APPROVED

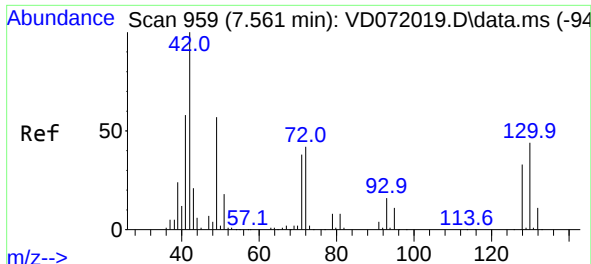
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#28
Bromochloromethane
Concen: 18.425 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

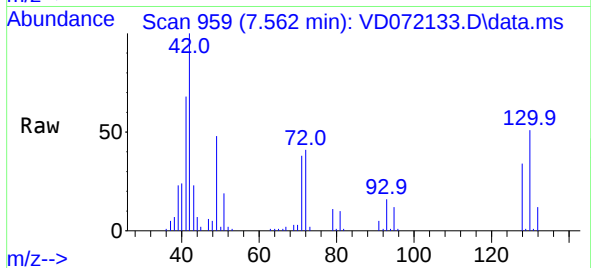
Tgt Ion: 49 Resp: 68982
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 78.7 61.1 91.7





#29
Tetrahydrofuran
Concen: 93.700 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

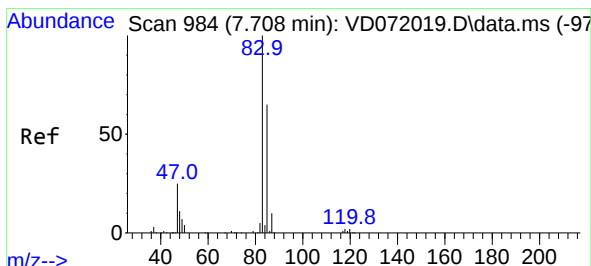
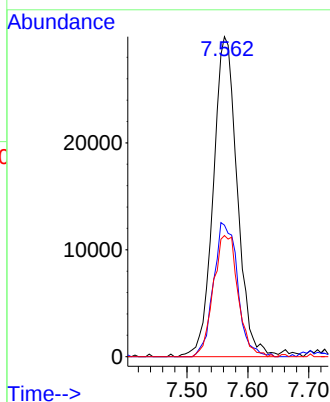
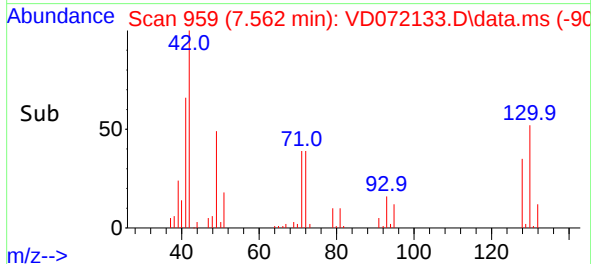
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion: 42 Resp: 81790
Ion Ratio Lower Upper
42 100
72 42.1 33.6 50.4
71 39.1 31.0 46.4

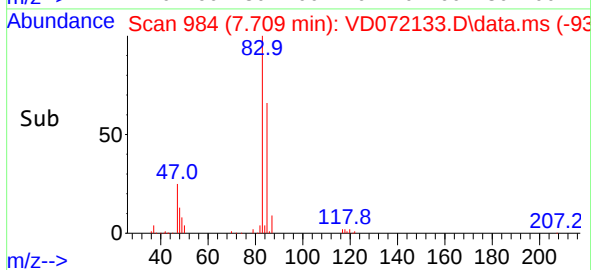
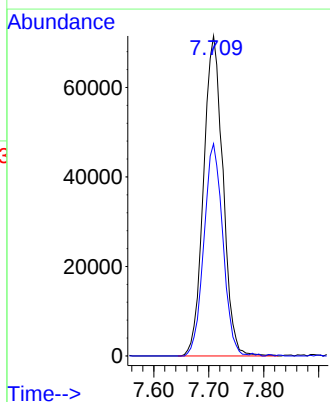
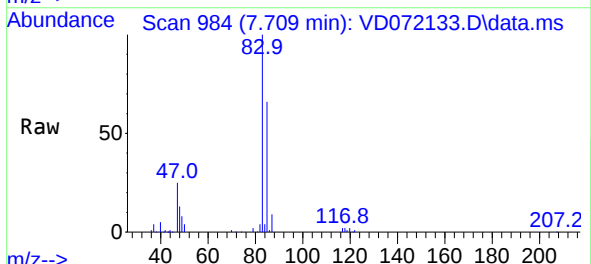
Manual Integrations
APPROVED

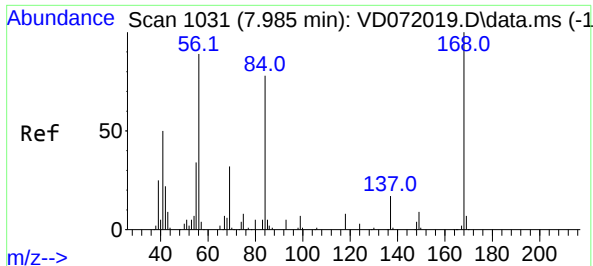
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#30
Chloroform
Concen: 19.417 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

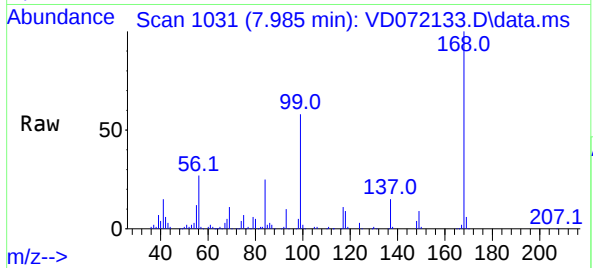
Tgt Ion: 83 Resp: 175083
Ion Ratio Lower Upper
83 100
85 66.3 52.2 78.2





#31
Cyclohexane
Concen: 15.336 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

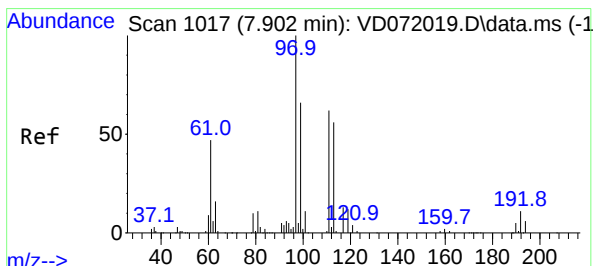
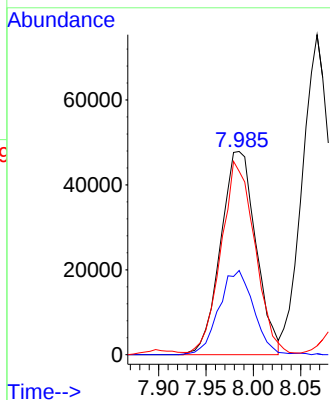
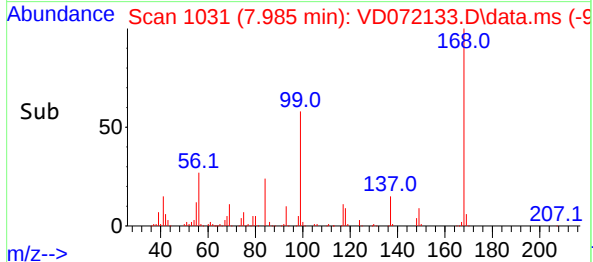
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



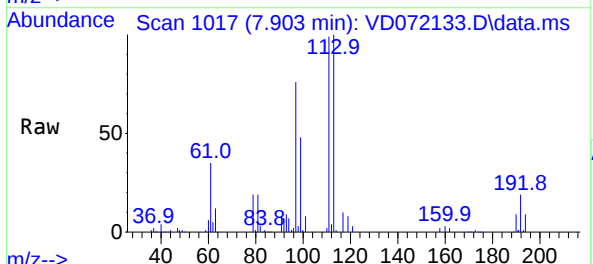
Tgt Ion: 56 Resp: 124035
Ion Ratio Lower Upper
56 100
69 41.4 28.9 43.3
84 89.1 70.6 105.8

Manual Integrations
APPROVED

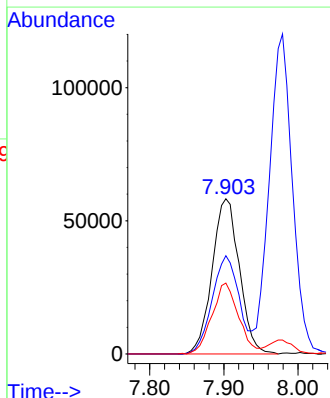
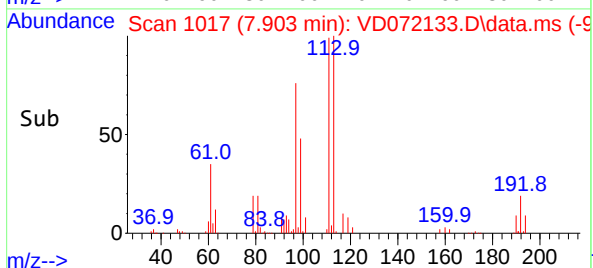
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

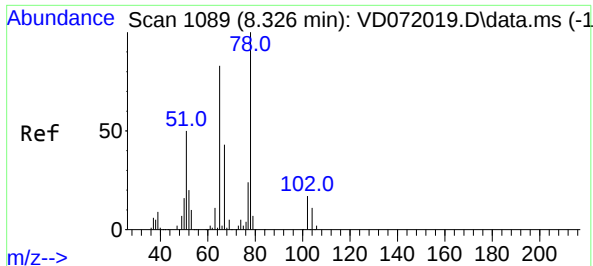


#32
1,1,1-Trichloroethane
Concen: 19.163 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



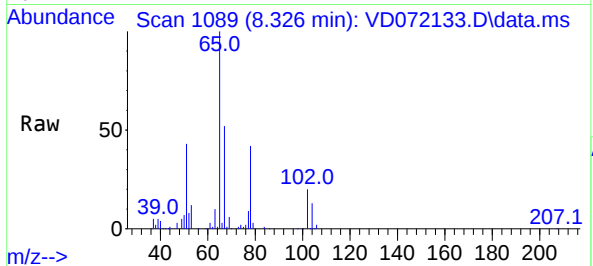
Tgt Ion: 97 Resp: 148703
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 44.8 37.2 55.8





#33
1,2-Dichloroethane-d4
Concen: 52.897 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

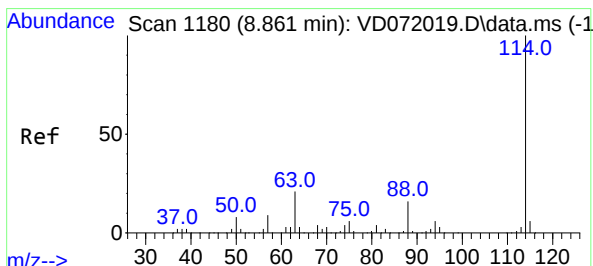
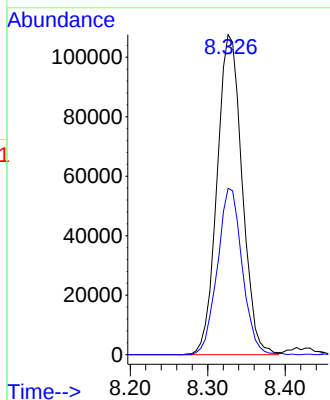
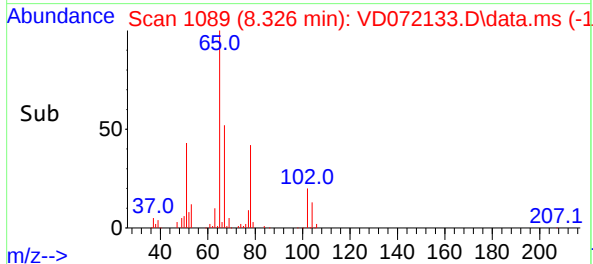
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



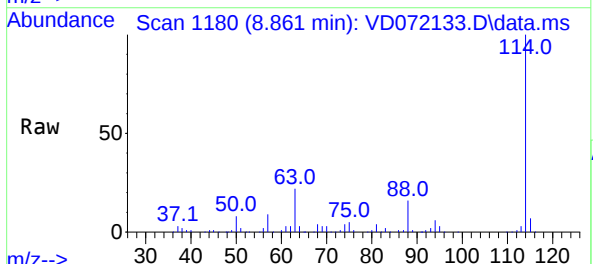
Tgt Ion: 65 Resp: 242210
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.6

Manual Integrations
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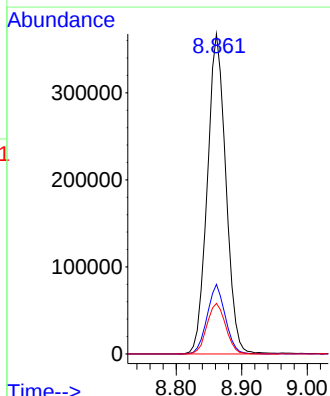
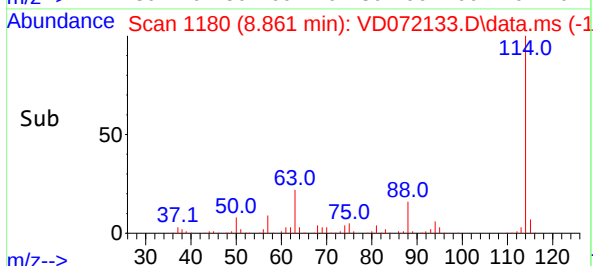
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

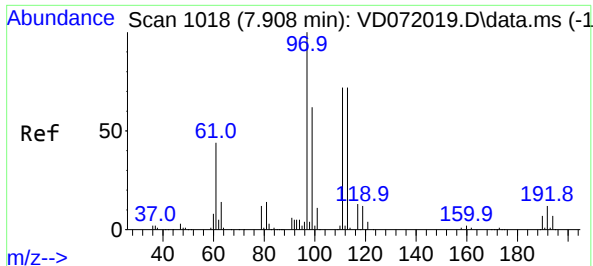


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



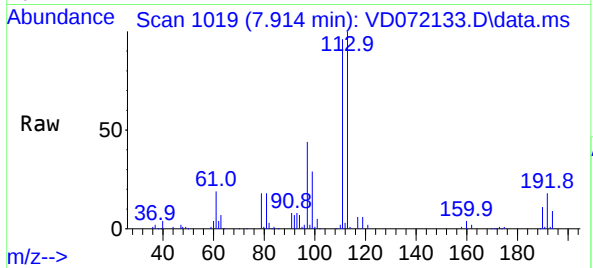
Tgt Ion:114 Resp: 722426
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 15.8 0.0 31.2





#35
Dibromofluoromethane
Concen: 52.833 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

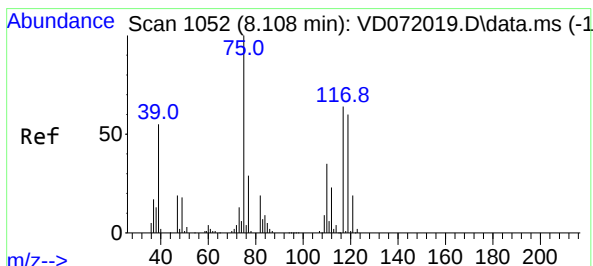
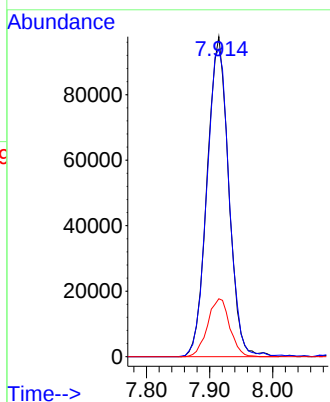
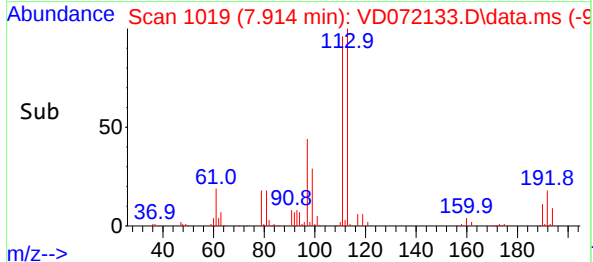
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



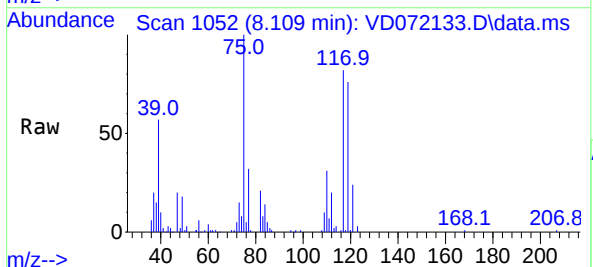
Tgt Ion: 113 Resp: 231250
Ion Ratio Lower Upper
113 100
111 99.6 83.0 124.4
192 18.6 15.3 22.9

Manual Integrations
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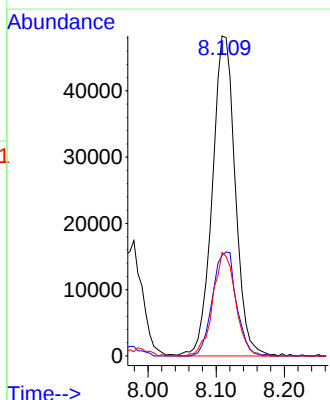
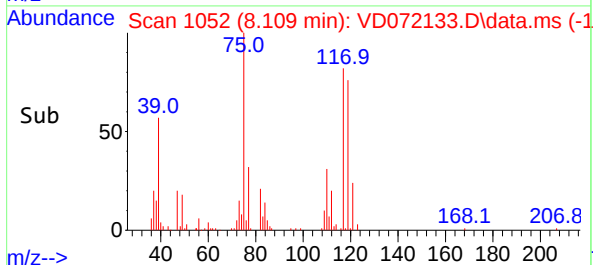
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

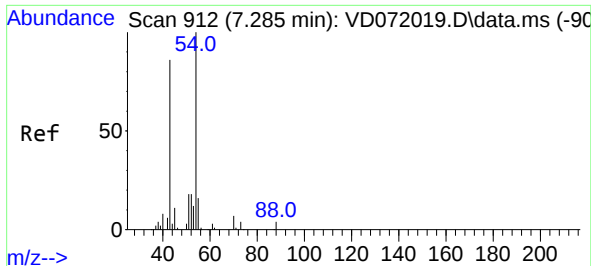


#36
1,1-Dichloropropene
Concen: 17.048 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



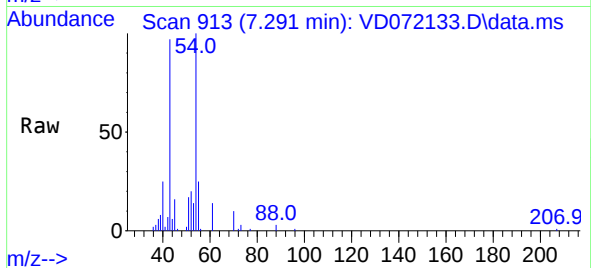
Tgt Ion: 75 Resp: 113033
Ion Ratio Lower Upper
75 100
110 33.9 17.7 53.1
77 32.0 24.8 37.2





#37
Ethyl Acetate
Concen: 19.610 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

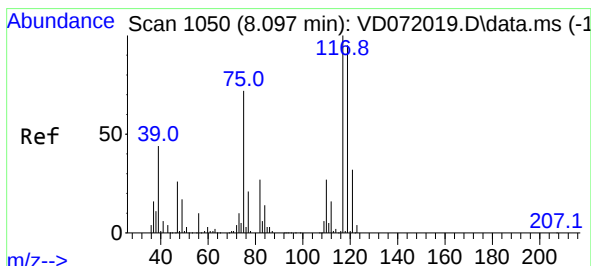
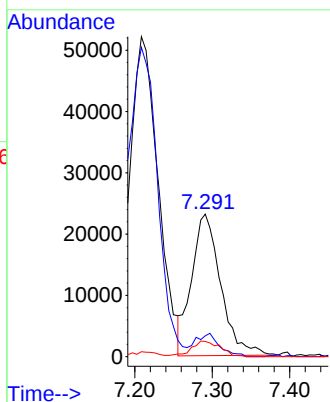
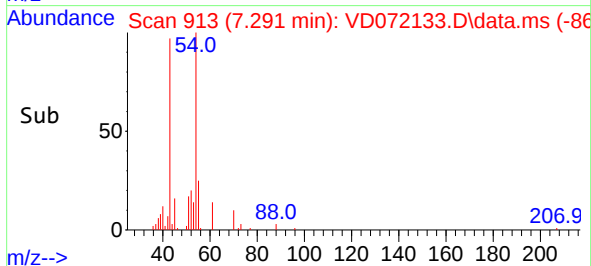
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion: 43 Resp: 60290
Ion Ratio Lower Upper
43 100
61 13.5 9.8 14.8
70 11.0 7.4 11.2

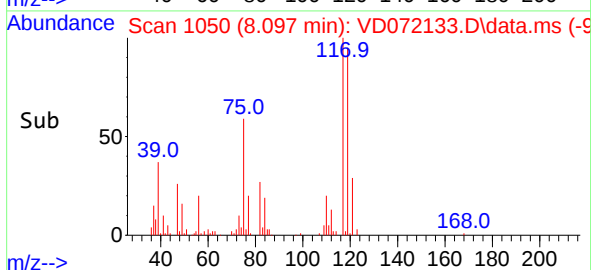
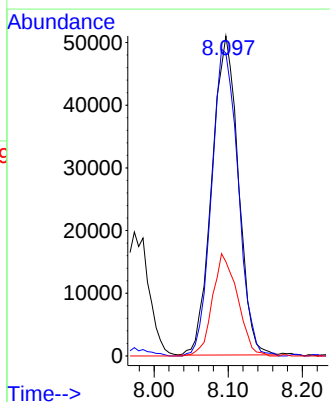
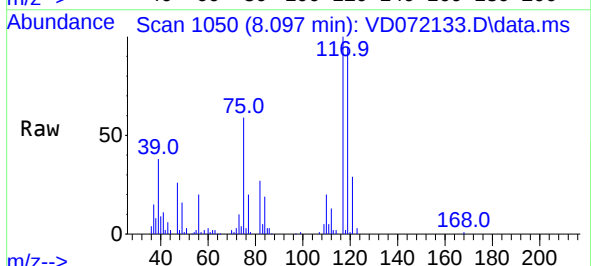
Manual Integrations
APPROVED

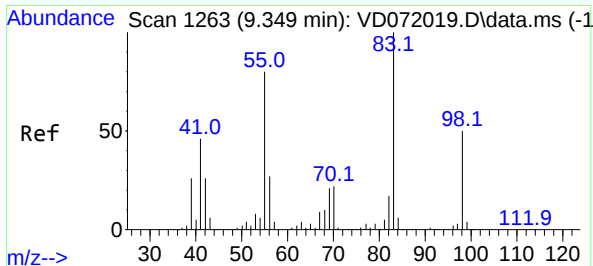
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#38
Carbon Tetrachloride
Concen: 18.578 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Tgt Ion:117 Resp: 126248
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 15.759 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD072133.D

Acq: 01 Mar 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD0301SBS02

Tgt Ion: 83 Resp: 12228

Ion Ratio Lower Upper

83 100

55 78.0 64.0 96.0

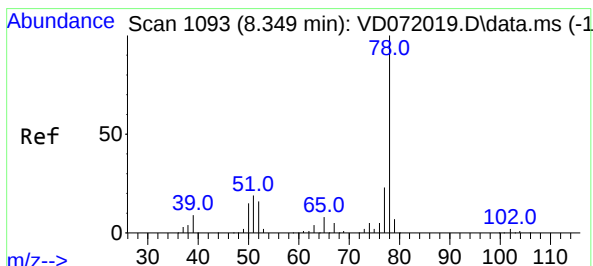
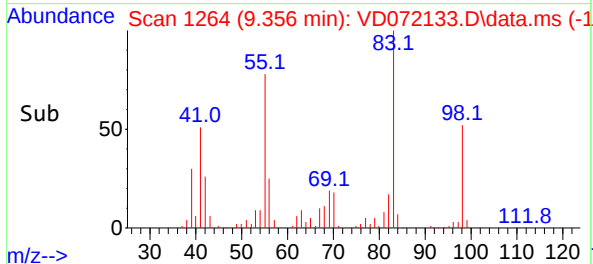
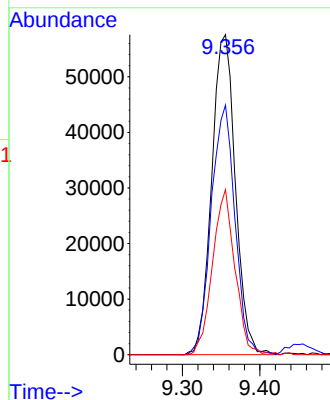
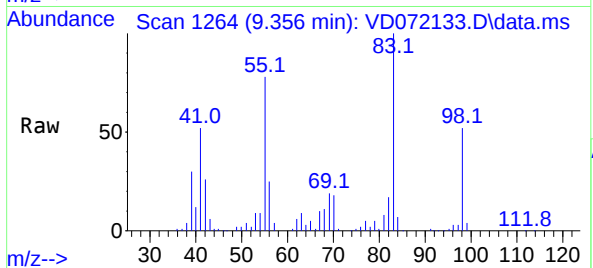
98 51.6 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/02/2022

Supervised By :Mahesh Dadoda 03/02/2022



#40

Benzene

Concen: 17.928 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072133.D

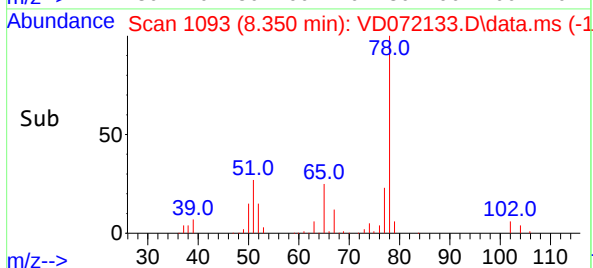
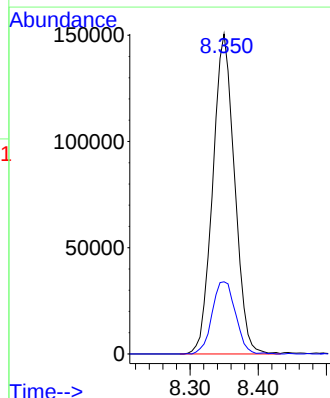
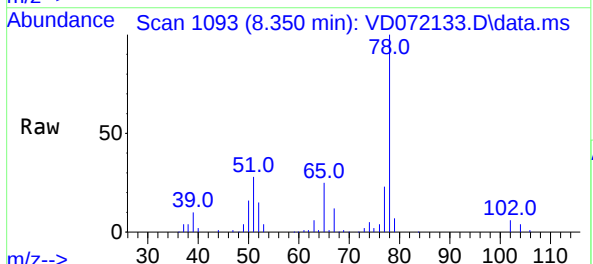
Acq: 01 Mar 2022 11:41

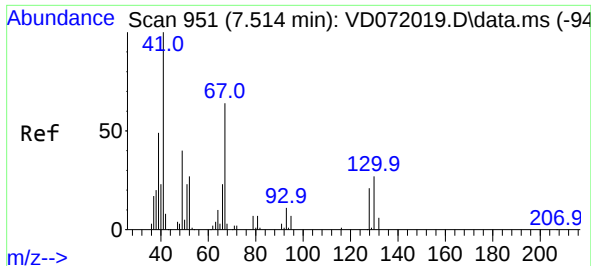
Tgt Ion: 78 Resp: 335415

Ion Ratio Lower Upper

78 100

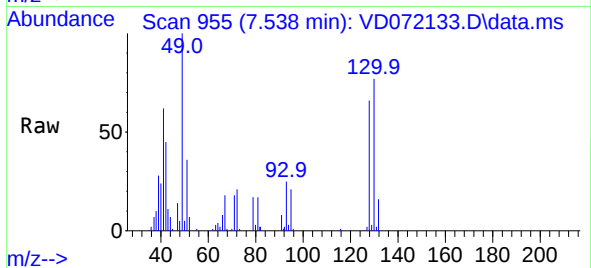
77 22.5 18.2 27.4





#41
Methacrylonitrile
Concen: 22.794 ug/l m
RT: 7.538 min Scan# 91
Delta R.T. 0.024 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

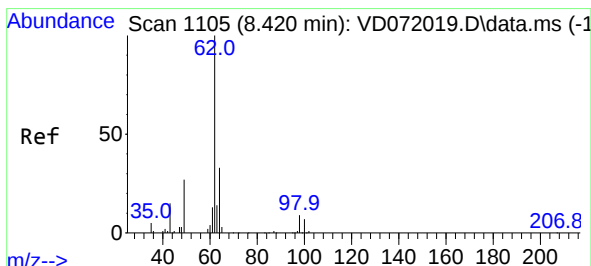
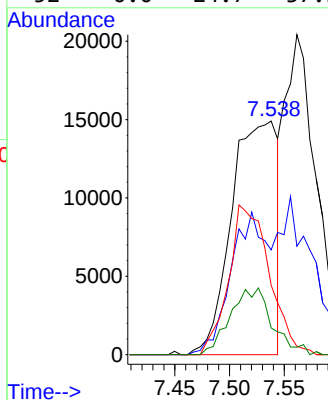
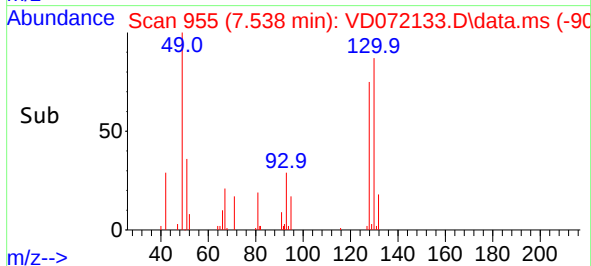
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion: 41 Resp: 4345
Ion Ratio Lower Upper
41 100
39 52.3 46.7 70.1
67 0.0 57.6 86.4
52 0.0 24.7 37.1#

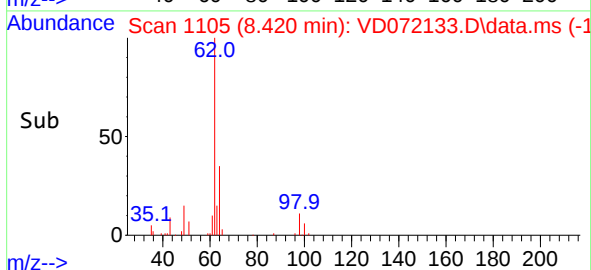
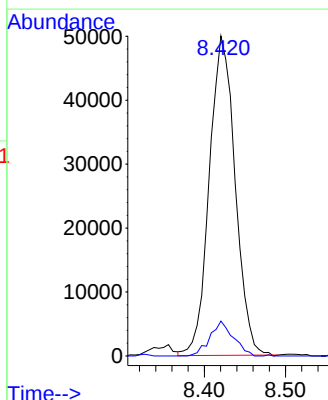
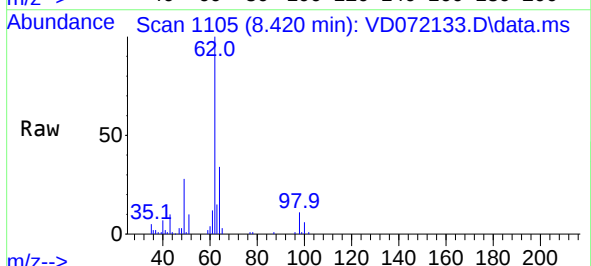
Manual Integrations
APPROVED

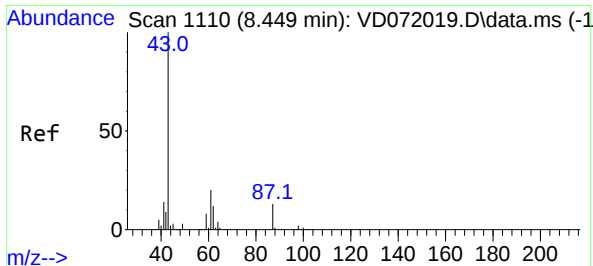
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#42
1,2-Dichloroethane
Concen: 19.679 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

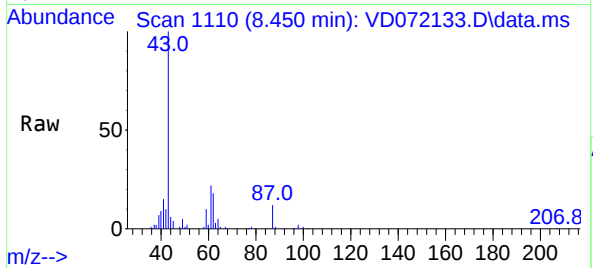
Tgt Ion: 62 Resp: 110438
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.0





#43
Isopropyl Acetate
Concen: 19.576 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

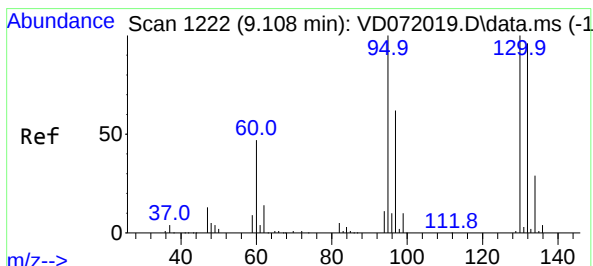
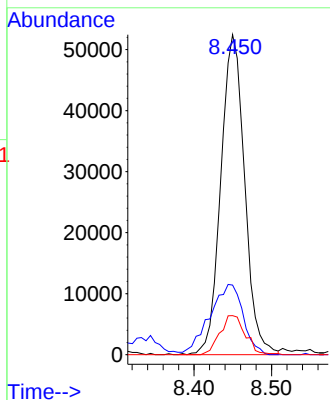
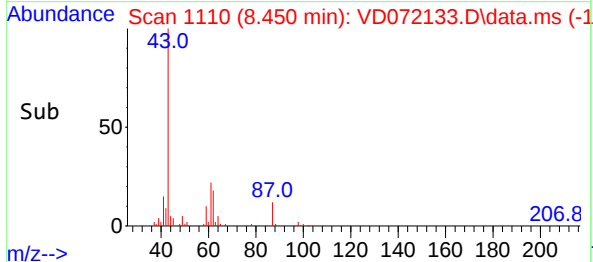
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion: 43 Resp: 112079
Ion Ratio Lower Upper
43 100
61 30.8 24.6 37.0
87 13.0 10.1 15.1

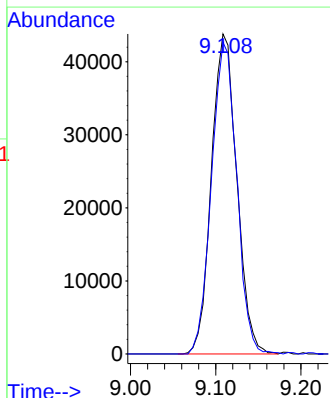
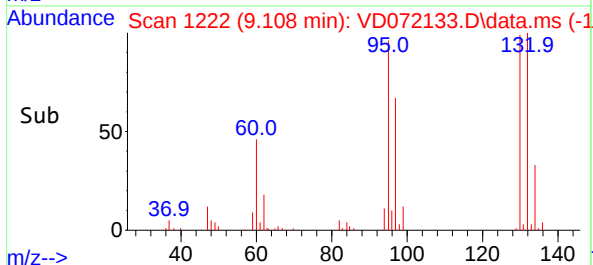
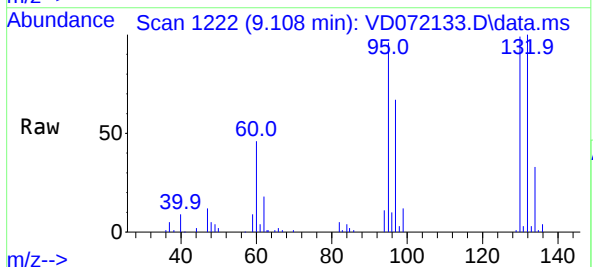
Manual Integrations
APPROVED

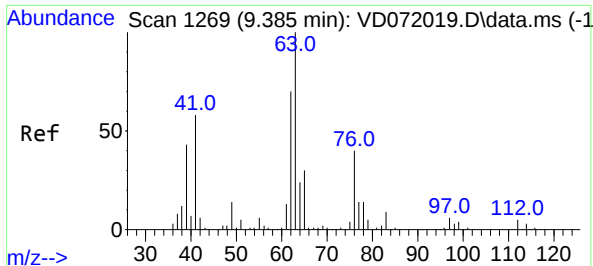
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#44
Trichloroethene
Concen: 17.793 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Tgt Ion:130 Resp: 90730
Ion Ratio Lower Upper
130 100
95 97.4 0.0 199.4





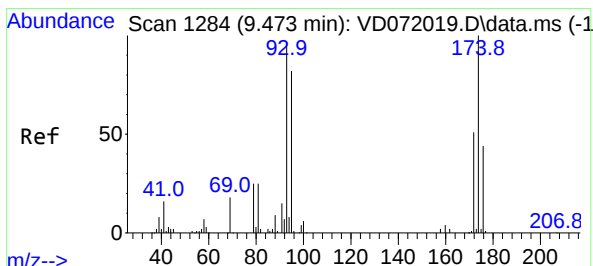
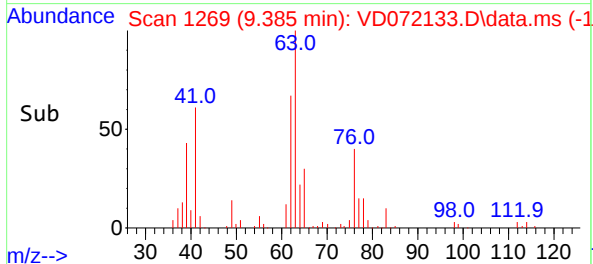
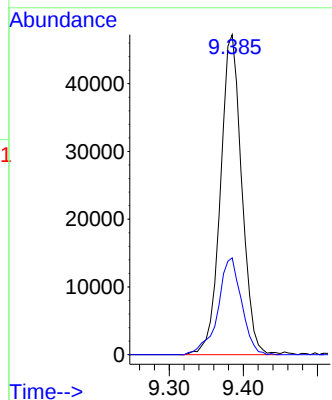
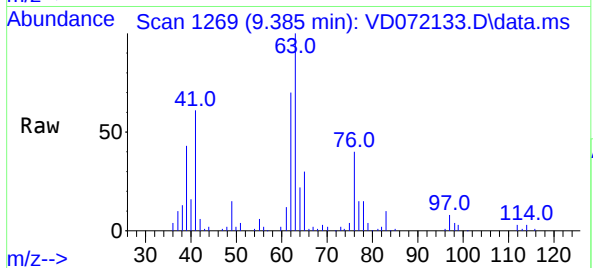
#45
1,2-Dichloropropane
Concen: 18.862 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02

Tgt Ion: 63 Resp: 9413
Ion Ratio Lower Upper
63 100
65 30.2 24.0 36.0

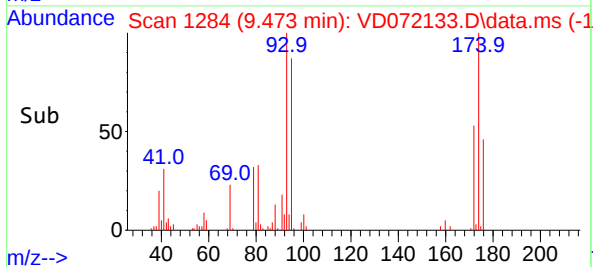
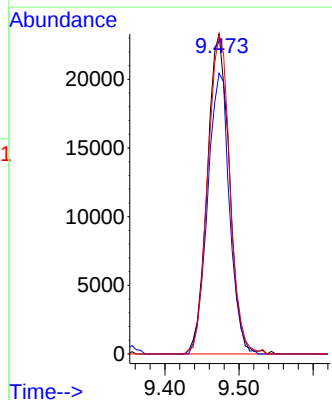
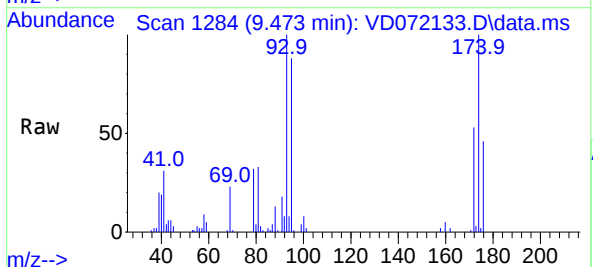
Manual Integrations
APPROVED

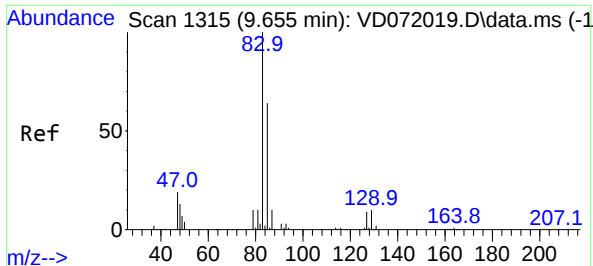
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#46
Dibromomethane
Concen: 18.229 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Tgt Ion: 93 Resp: 48009
Ion Ratio Lower Upper
93 100
95 87.3 67.5 101.3
174 100.4 80.0 120.0





#47

Bromodichloromethane

Concen: 19.854 ug/l

RT: 9.656 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072133.D

Acq: 01 Mar 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD0301SBS02

Tgt Ion: 83 Resp: 134878

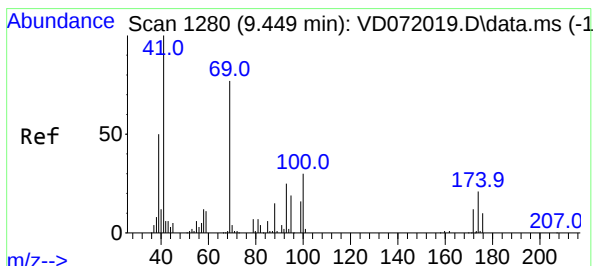
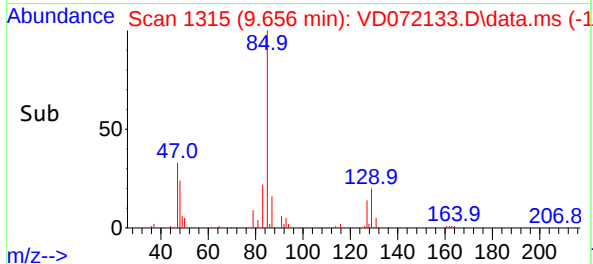
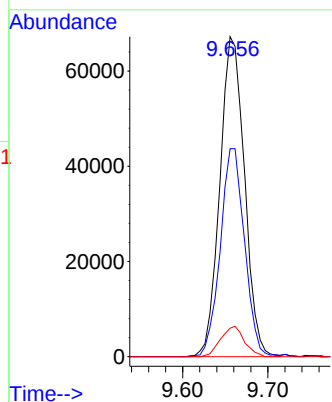
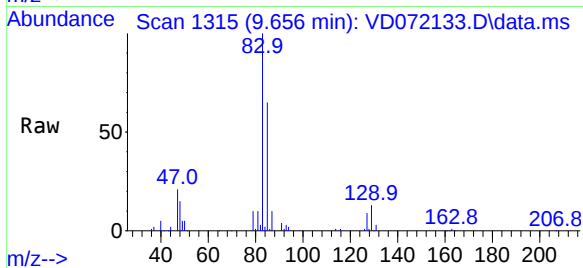
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.0
127	8.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/02/2022

Supervised By :Mahesh Dadoda 03/02/2022



#48

Methyl methacrylate

Concen: 17.011 ug/l

RT: 9.456 min Scan# 1281

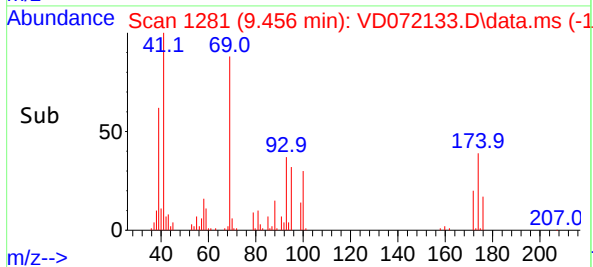
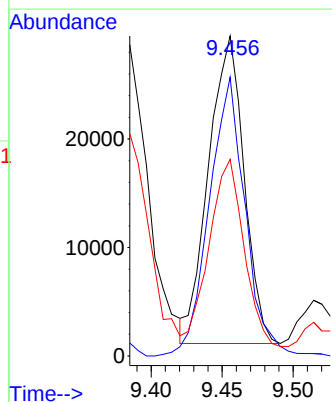
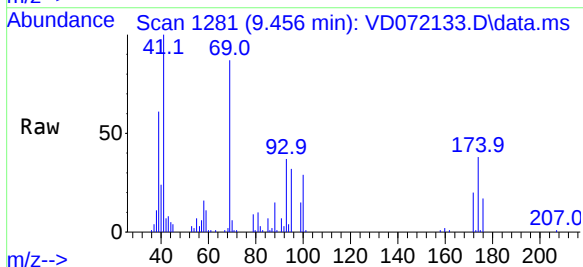
Delta R.T. 0.006 min

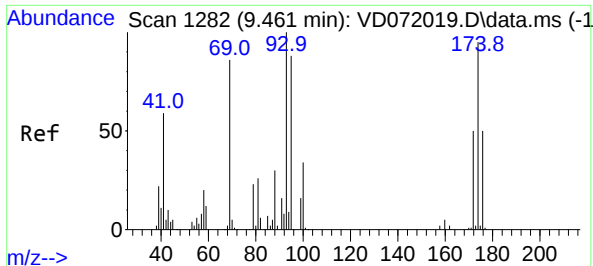
Lab File: VD072133.D

Acq: 01 Mar 2022 11:41

Tgt Ion: 41 Resp: 49198

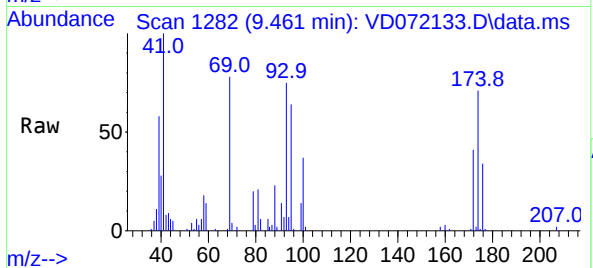
Ion	Ratio	Lower	Upper
41	100		
69	92.2	61.6	92.4
39	67.6	38.6	57.8





#49
1,4-Dioxane
Concen: 373.725 ug/l
RT: 9.461 min Scan# 11670
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

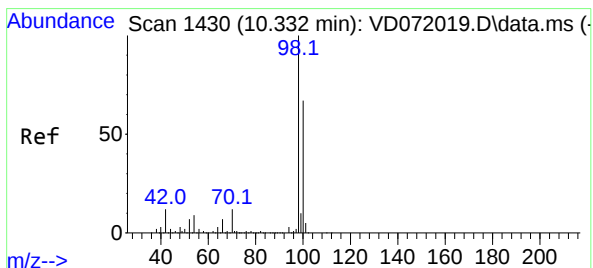
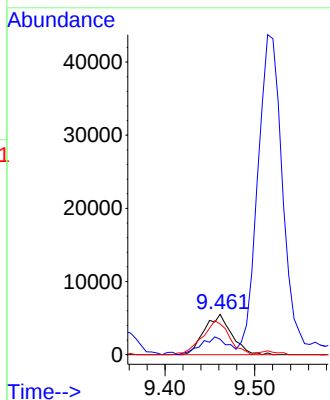
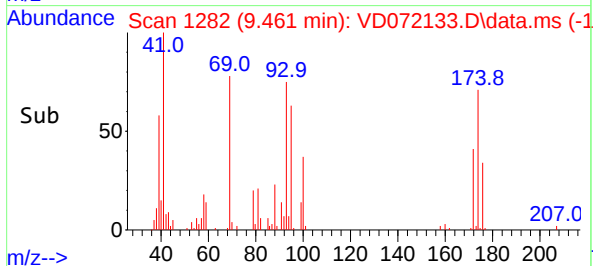
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion: 88 Resp: 11670
Ion Ratio Lower Upper
88 100
43 42.8 29.9 44.9
58 83.0 61.0 91.4

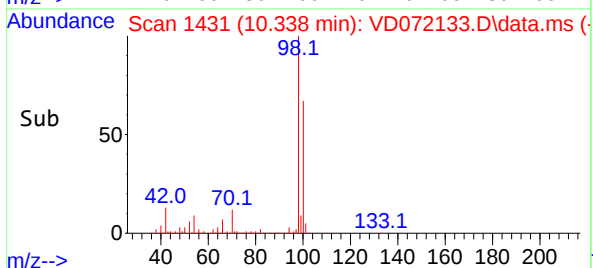
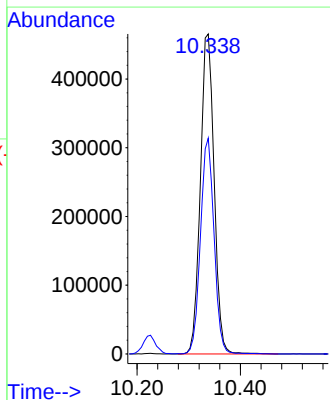
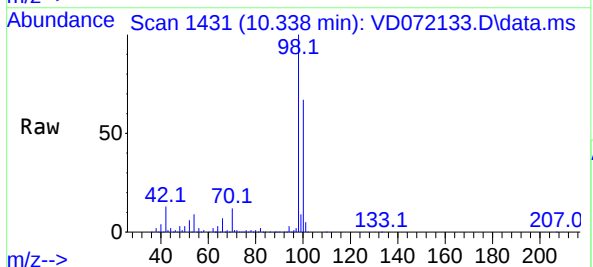
Manual Integrations
APPROVED

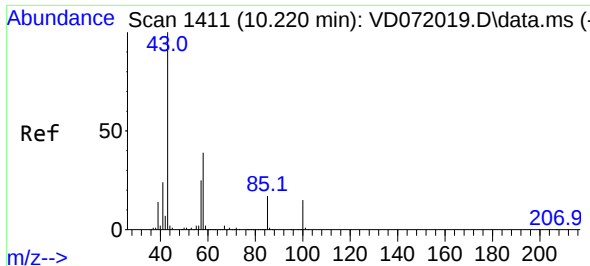
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#50
Toluene-d8
Concen: 52.975 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

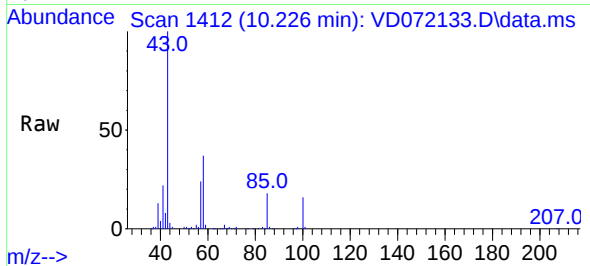
Tgt Ion: 98 Resp: 859867
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6





#51
4-Methyl-2-Pentanone
Concen: 99.813 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

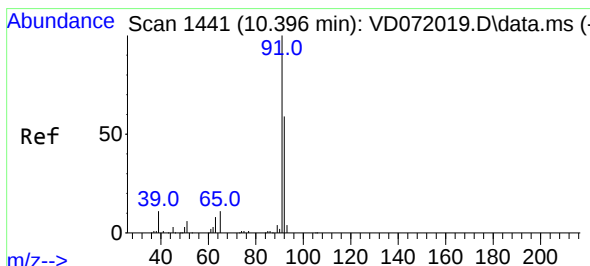
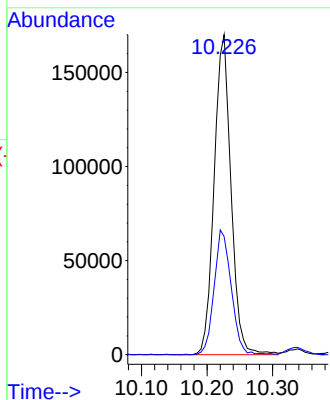
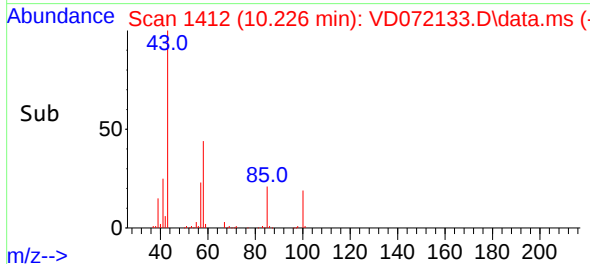
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion: 43 Resp: 302854
Ion Ratio Lower Upper
43 100
58 39.6 30.8 46.2

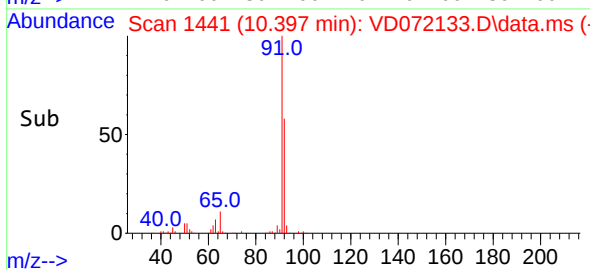
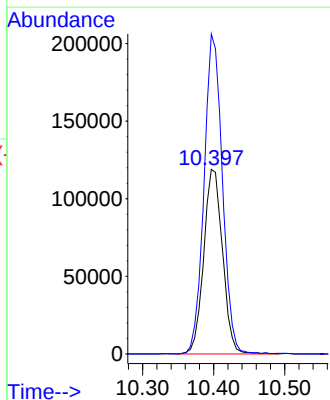
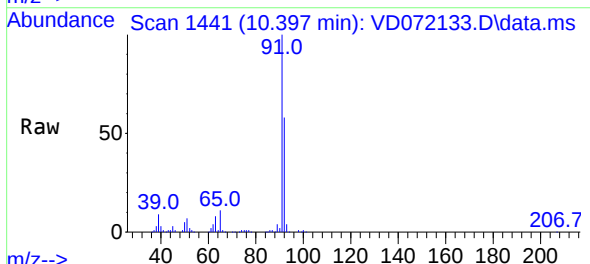
Manual Integrations
APPROVED

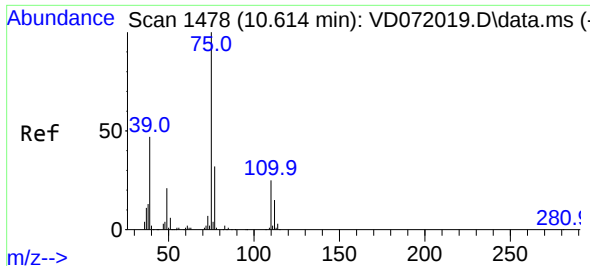
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#52
Toluene
Concen: 18.332 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Tgt Ion: 92 Resp: 219476
Ion Ratio Lower Upper
92 100
91 168.9 135.6 203.4





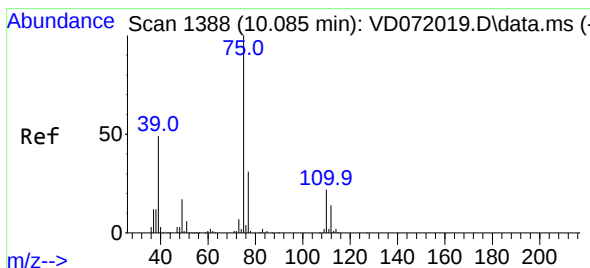
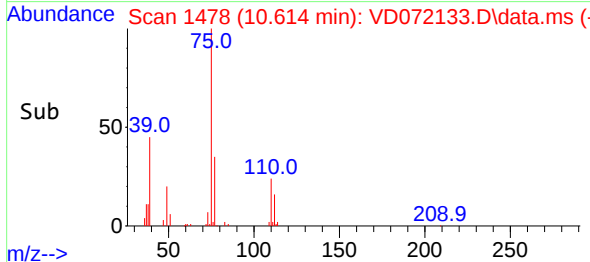
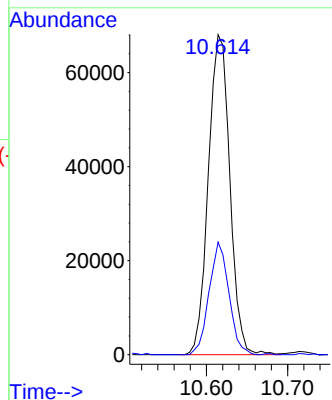
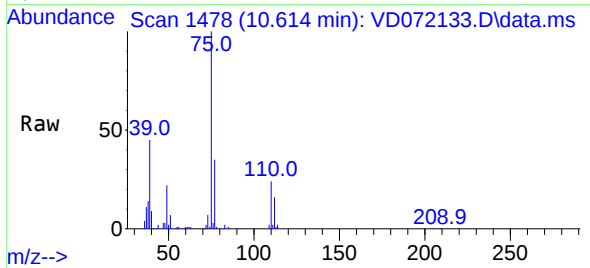
#53
t-1,3-Dichloropropene
Concen: 20.166 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02

Tgt Ion: 75 Resp: 125297
Ion Ratio Lower Upper
75 100
77 35.1 25.6 38.4

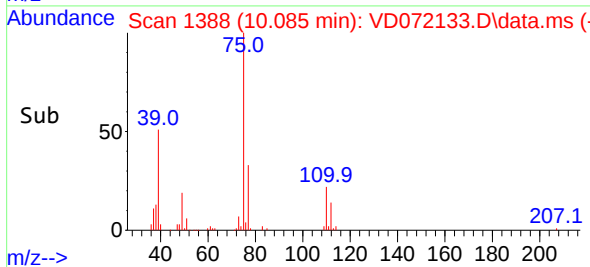
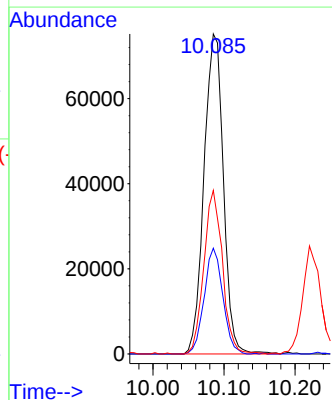
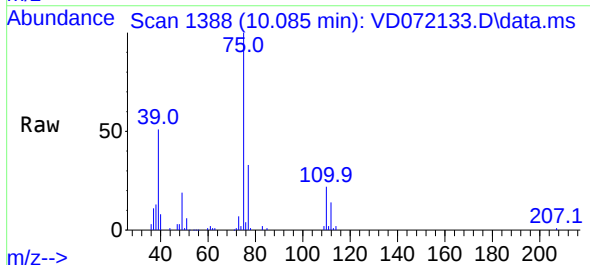
Manual Integrations
APPROVED

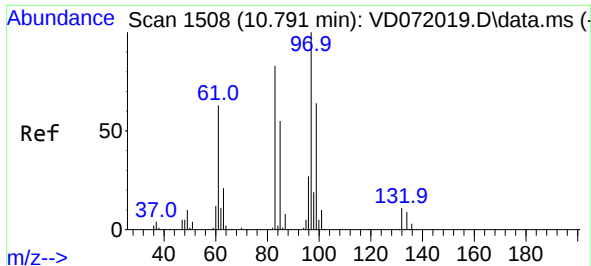
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#54
cis-1,3-Dichloropropene
Concen: 19.433 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

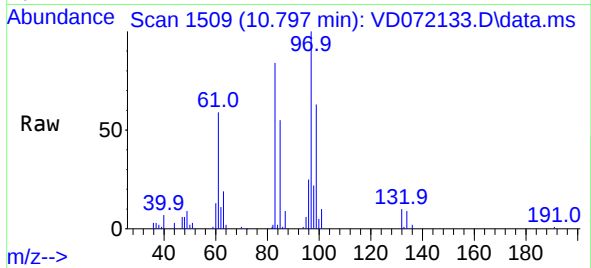
Tgt Ion: 75 Resp: 142902
Ion Ratio Lower Upper
75 100
77 33.1 24.7 37.1
39 51.1 39.1 58.7





#55
1,1,2-Trichloroethane
Concen: 19.845 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

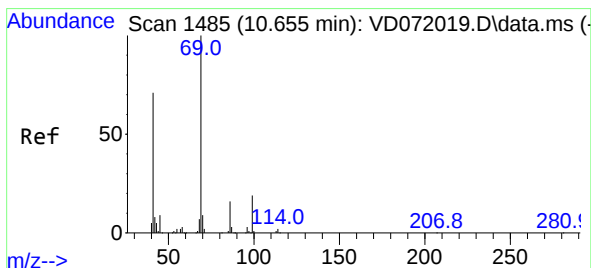
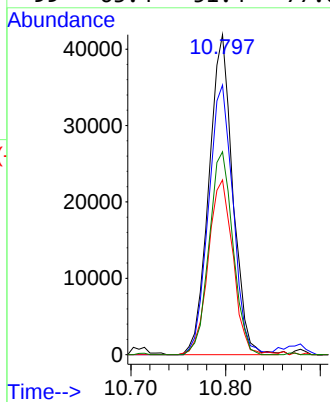
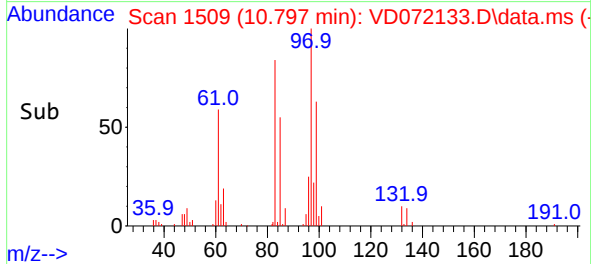
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



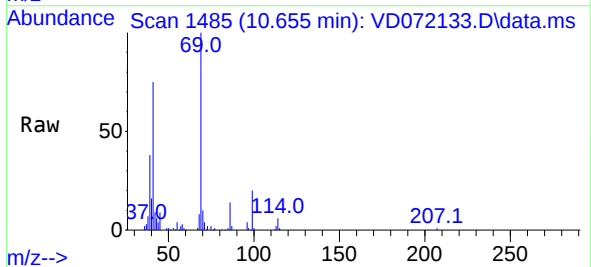
Tgt Ion: 97 Resp: 73550
Ion Ratio Lower Upper
97 100
83 84.3 66.2 99.4
85 54.6 43.7 65.5
99 63.4 51.4 77.0

Manual Integrations
APPROVED

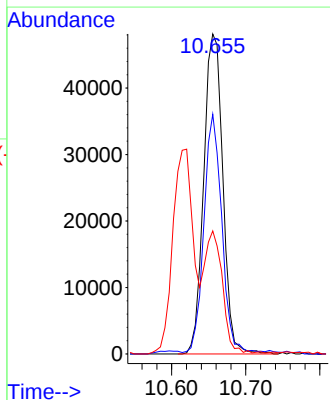
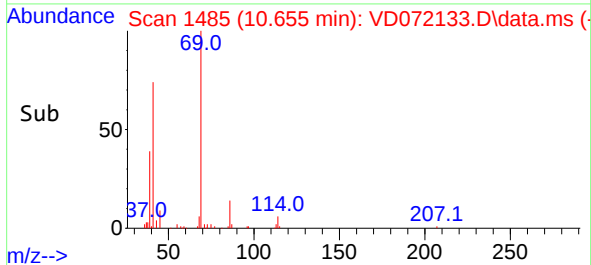
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

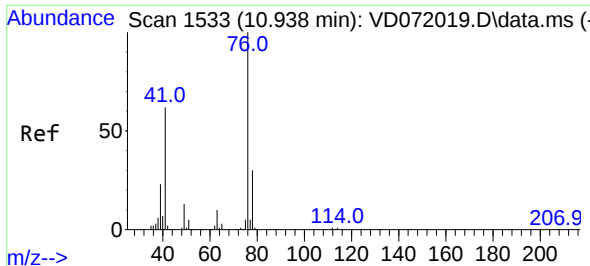


#56
Ethyl methacrylate
Concen: 19.486 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



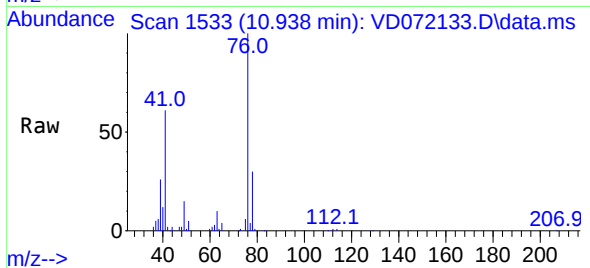
Tgt Ion: 69 Resp: 86241
Ion Ratio Lower Upper
69 100
41 69.2 56.8 85.2
39 35.0 28.2 42.4





#57
1,3-Dichloropropane
Concen: 19.830 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

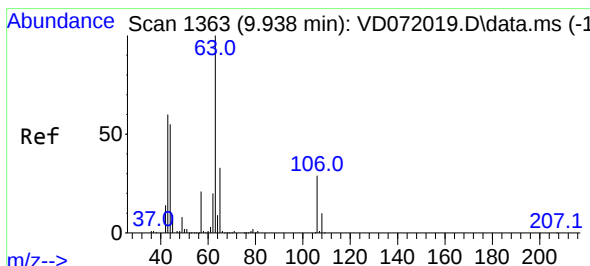
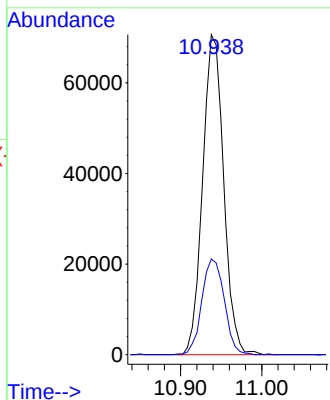
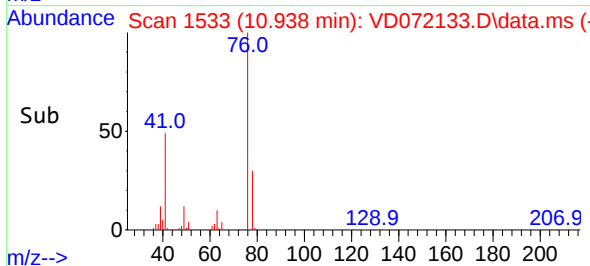
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



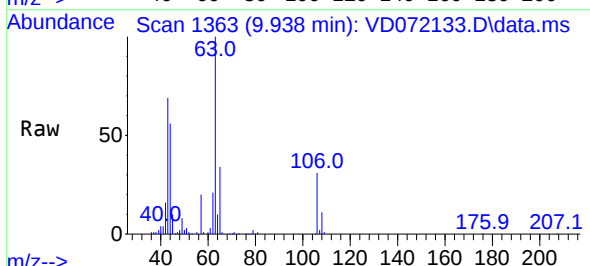
Tgt Ion: 76 Resp: 127020
Ion Ratio Lower Upper
76 100
78 31.9 25.4 38.0

Manual Integrations
APPROVED

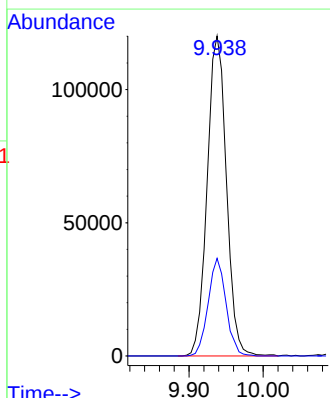
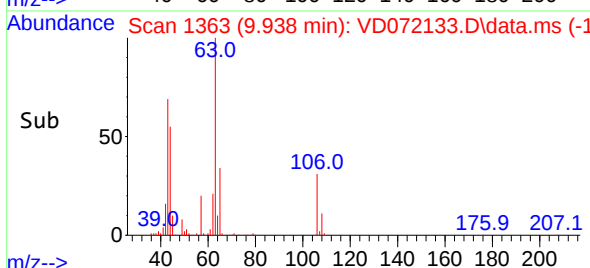
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

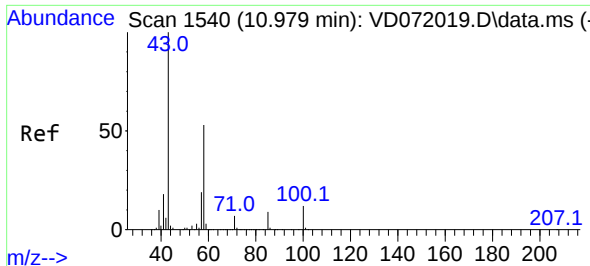


#58
2-Chloroethyl Vinyl ether
Concen: 109.427 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



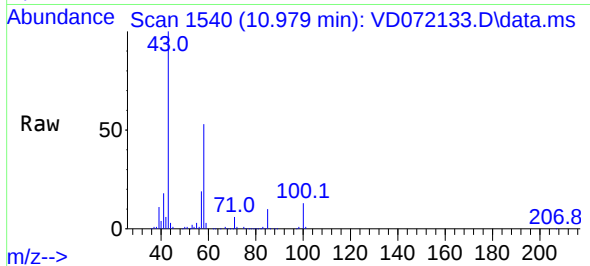
Tgt Ion: 63 Resp: 216667
Ion Ratio Lower Upper
63 100
106 28.3 22.6 33.8





#59
2-Hexanone
Concen: 100.180 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

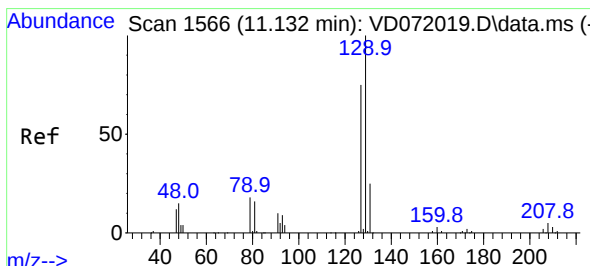
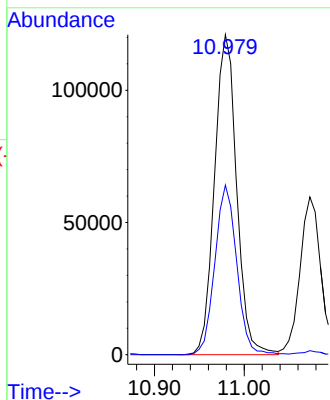
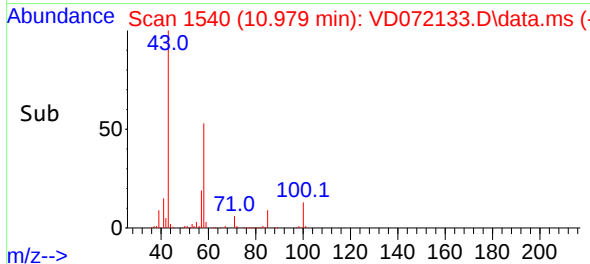
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion: 43 Resp: 207334
Ion Ratio Lower Upper
43 100
58 52.3 27.0 80.8

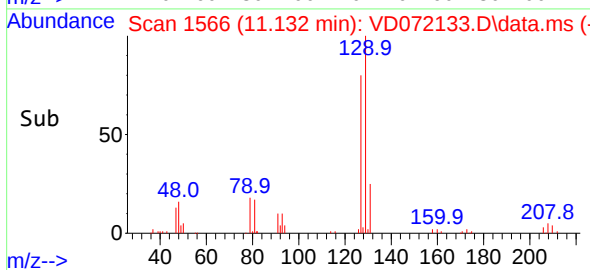
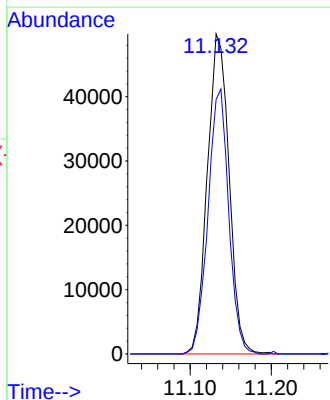
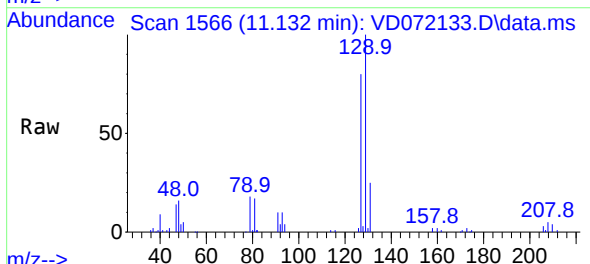
Manual Integrations
APPROVED

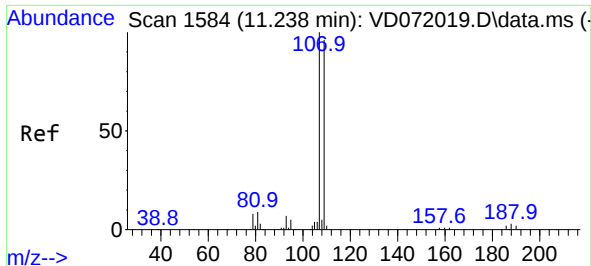
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#60
Dibromochloromethane
Concen: 20.003 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

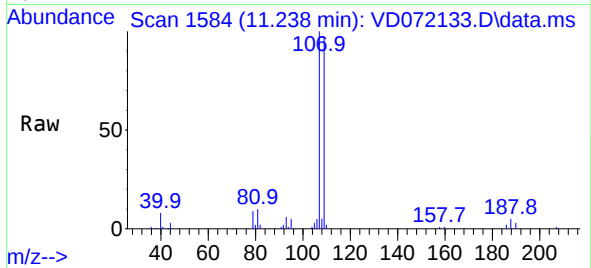
Tgt Ion:129 Resp: 92577
Ion Ratio Lower Upper
129 100
127 78.7 37.6 112.9





#61
1,2-Dibromoethane
Concen: 19.045 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

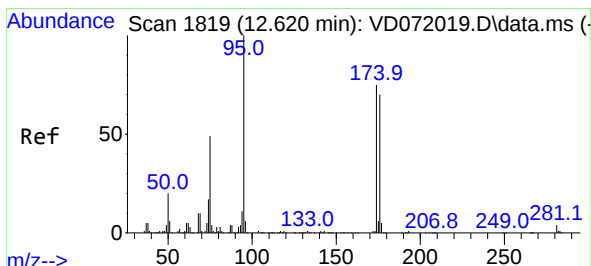
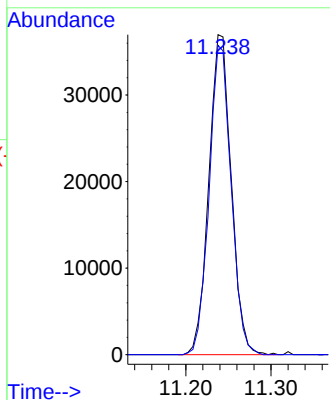
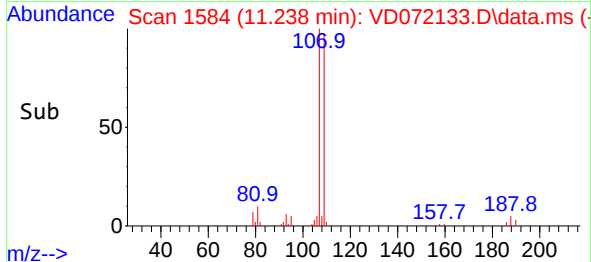
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion:107 Resp: 6745
Ion Ratio Lower Upper
107 100
109 94.9 76.0 114.0

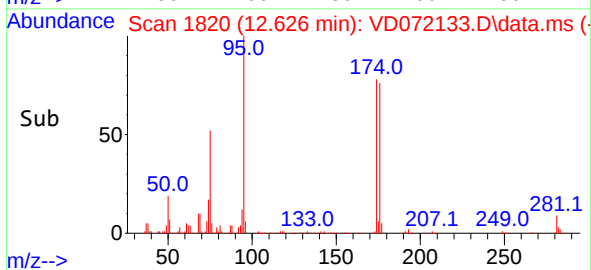
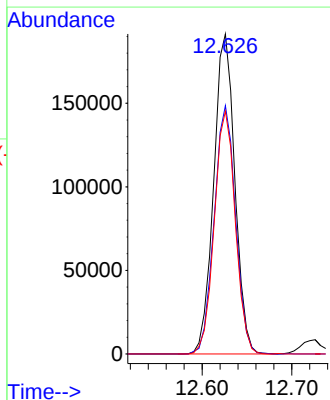
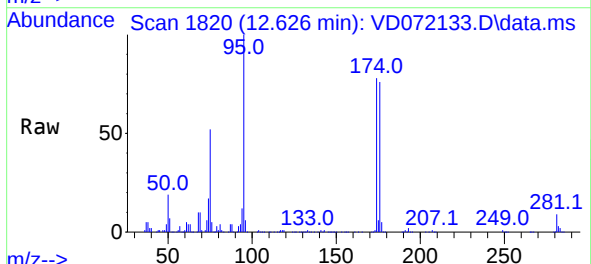
Manual Integrations
APPROVED

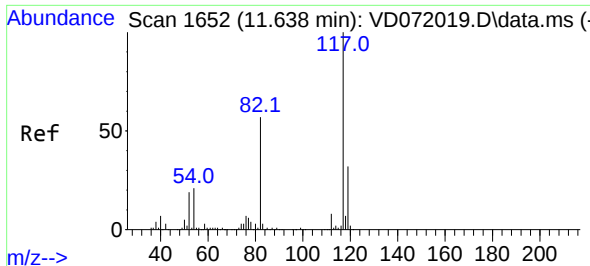
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#62
4-Bromofluorobenzene
Concen: 52.460 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

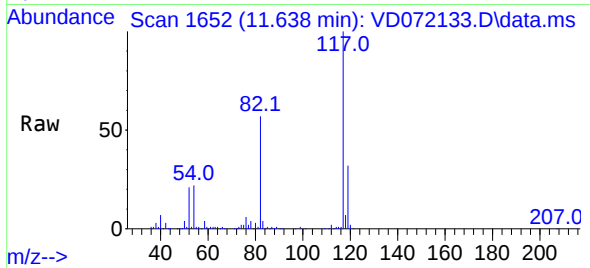
Tgt Ion: 95 Resp: 312785
Ion Ratio Lower Upper
95 100
174 78.4 0.0 155.0
176 75.4 0.0 148.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

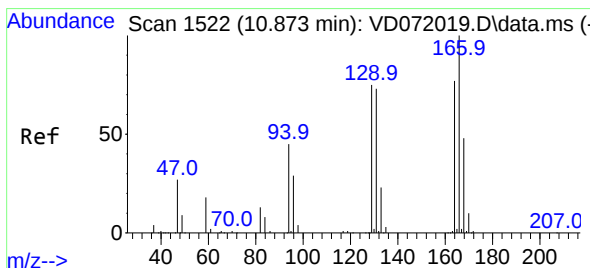
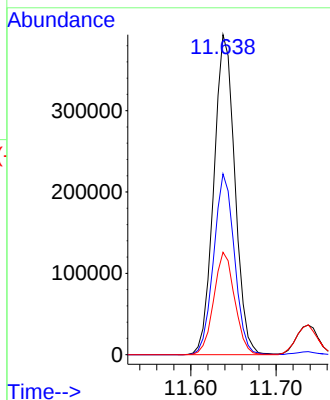
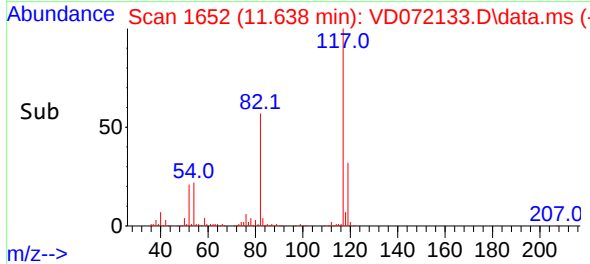
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



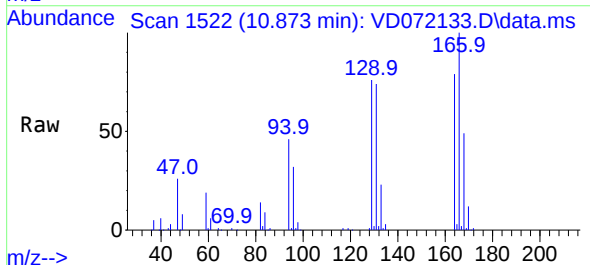
Tgt Ion:117 Resp: 67551
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.0 25.4 38.2

Manual Integrations
APPROVED

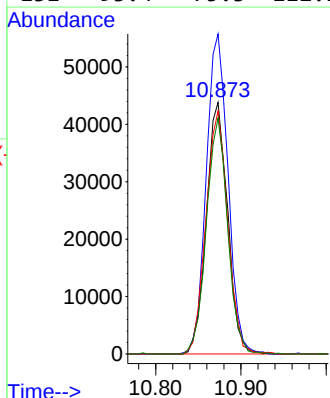
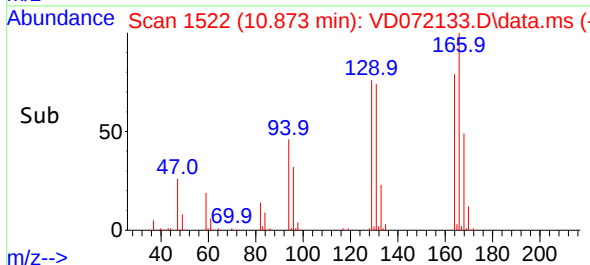
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

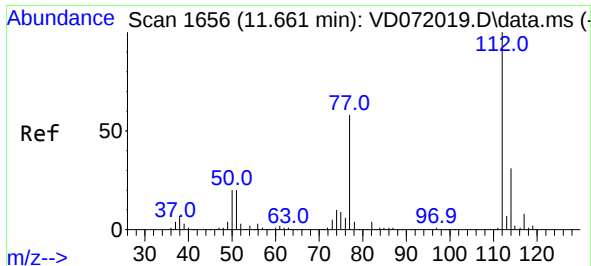


#64
Tetrachloroethene
Concen: 17.849 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



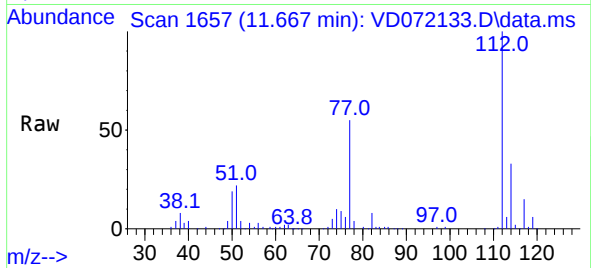
Tgt Ion:164 Resp: 76120
Ion Ratio Lower Upper
164 100
166 127.2 103.4 155.2
129 96.5 77.8 116.6
131 93.4 75.3 112.9





#65
Chlorobenzene
Concen: 18.946 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

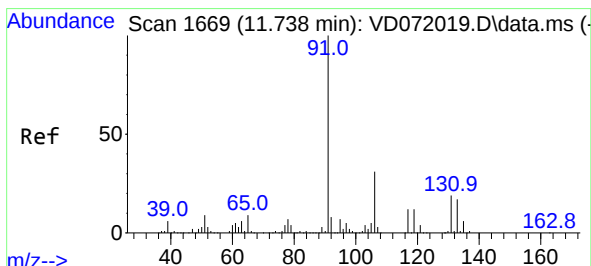
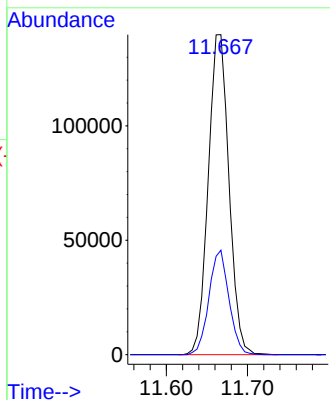
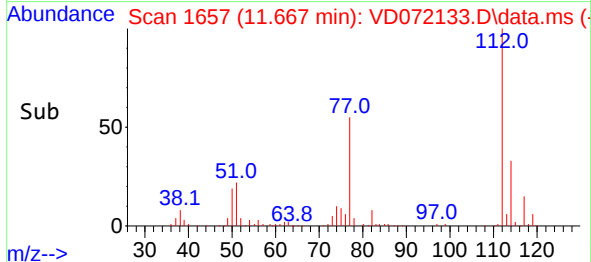
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



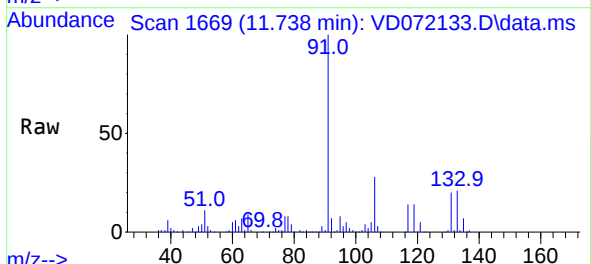
Tgt Ion:112 Resp: 24804
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6

Manual Integrations
APPROVED

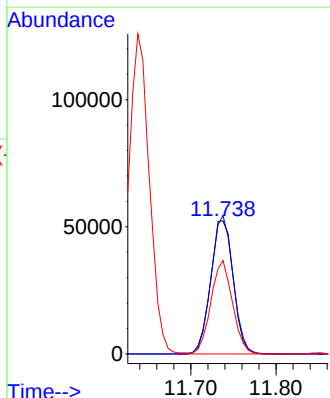
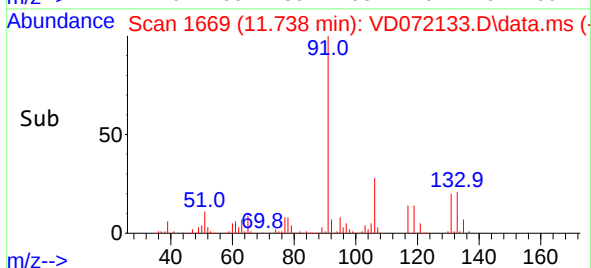
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

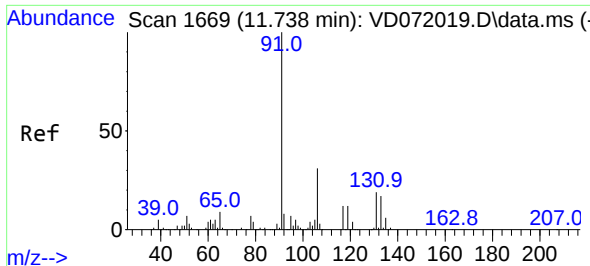


#66
1,1,1,2-Tetrachloroethane
Concen: 19.999 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



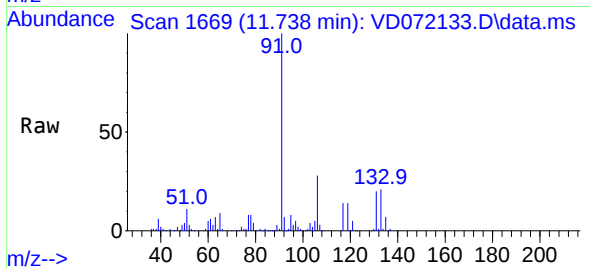
Tgt Ion:131 Resp: 97177
Ion Ratio Lower Upper
131 100
133 100.2 47.1 141.4
119 66.4 32.8 98.3





#67
Ethyl Benzene
Concen: 18.692 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

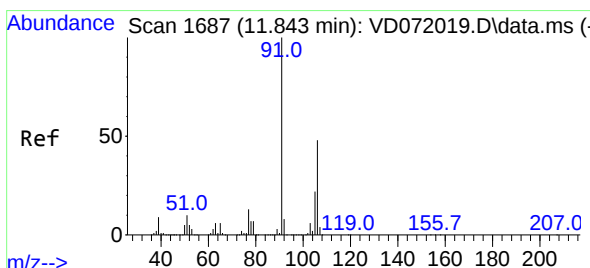
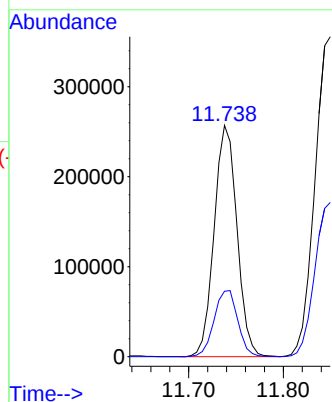
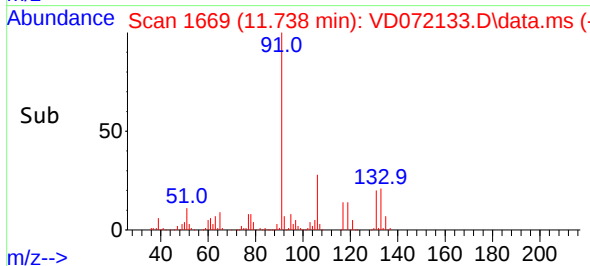
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



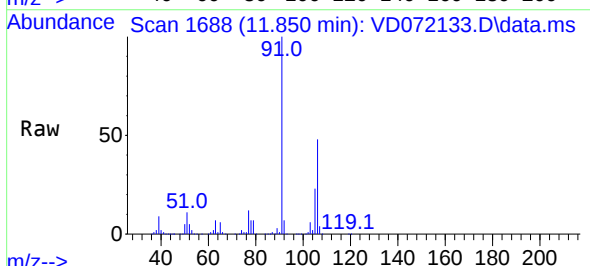
Tgt Ion: 91 Resp: 430308
Ion Ratio Lower Upper
91 100
106 28.3 24.6 36.8

Manual Integrations
APPROVED

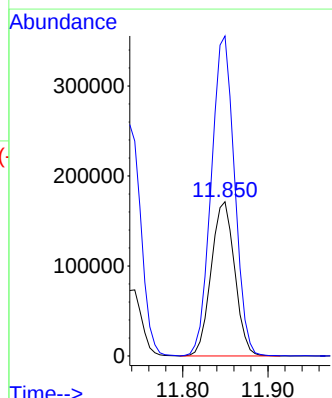
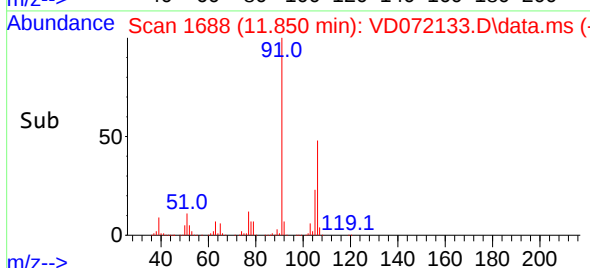
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

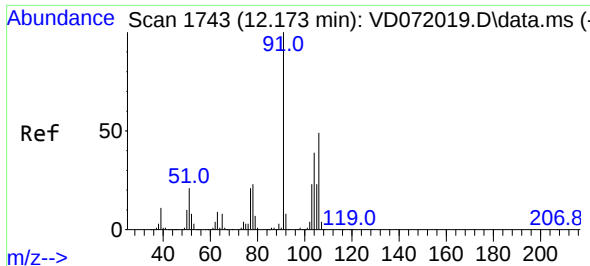


#68
m/p-Xylenes
Concen: 37.327 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



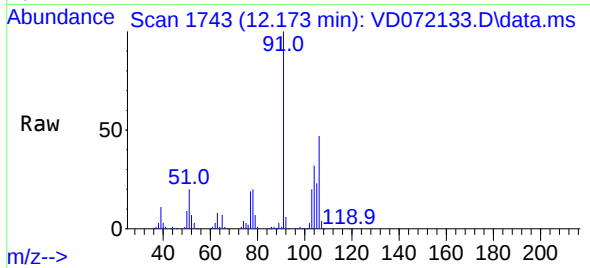
Tgt Ion:106 Resp: 328953
Ion Ratio Lower Upper
106 100
91 205.6 162.6 243.8





#69
o-Xylene
Concen: 19.106 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

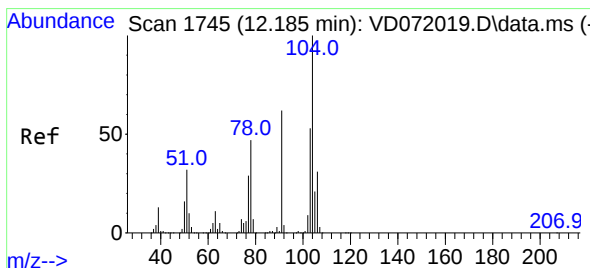
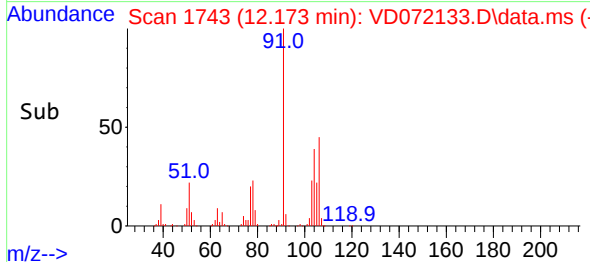
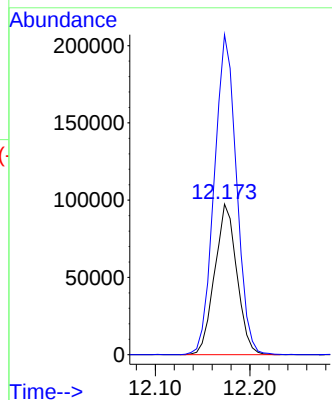
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



Tgt Ion:106 Resp: 158392
Ion Ratio Lower Upper
106 100
91 213.4 106.0 317.9

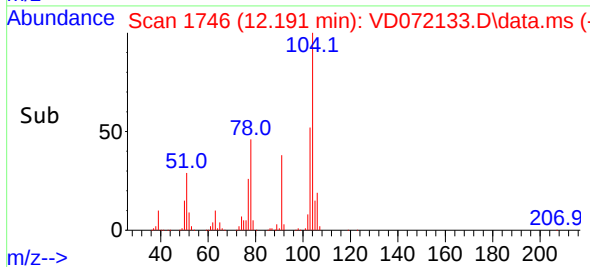
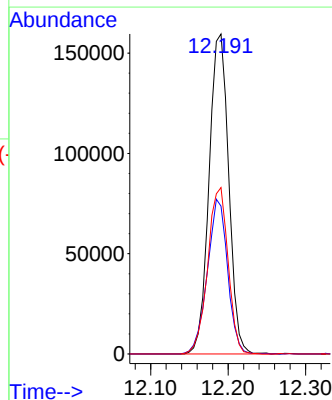
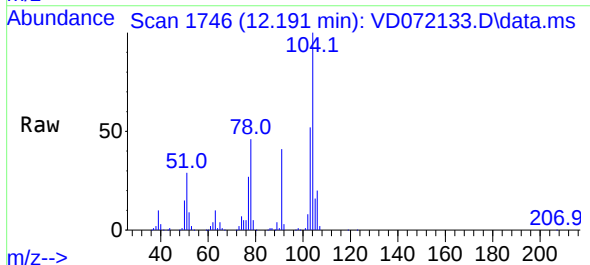
Manual Integrations
APPROVED

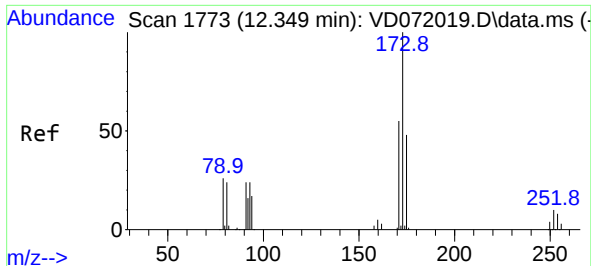
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#70
Styrene
Concen: 19.715 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

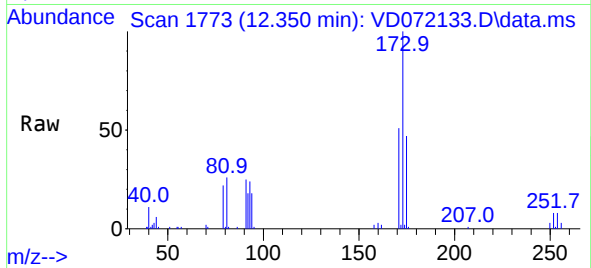
Tgt Ion:104 Resp: 280478
Ion Ratio Lower Upper
104 100
78 49.9 40.1 60.1
103 54.0 43.7 65.5





#71
Bromoform
Concen: 20.405 ug/l
RT: 12.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

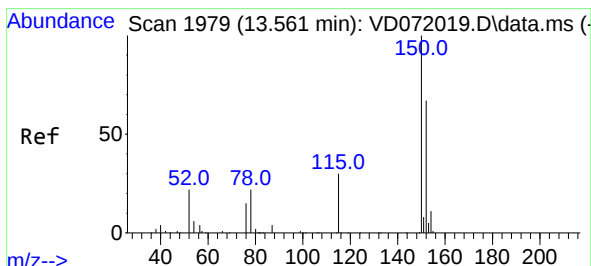
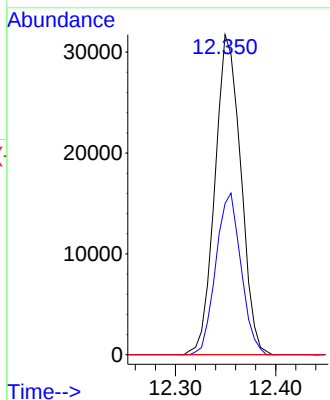
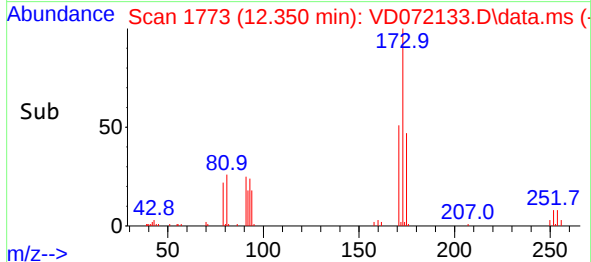
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



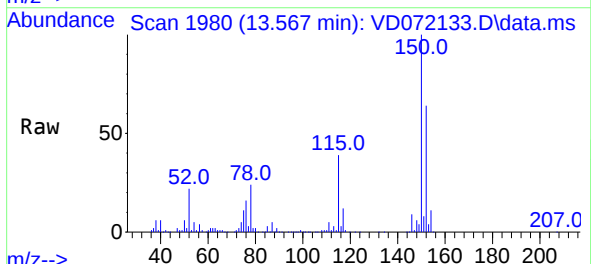
Tgt Ion:173 Resp: 56864
Ion Ratio Lower Upper
173 100
175 49.1 25.0 75.0
255 0.0 0.1 0.1

Manual Integrations
APPROVED

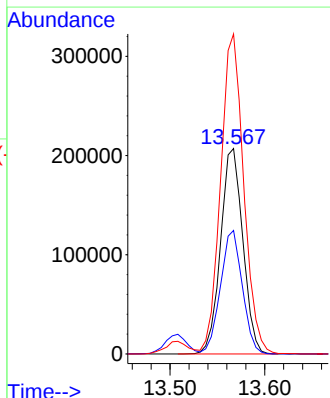
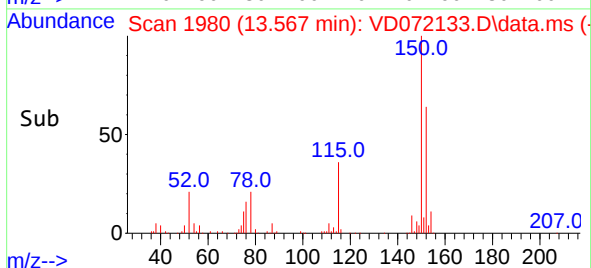
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

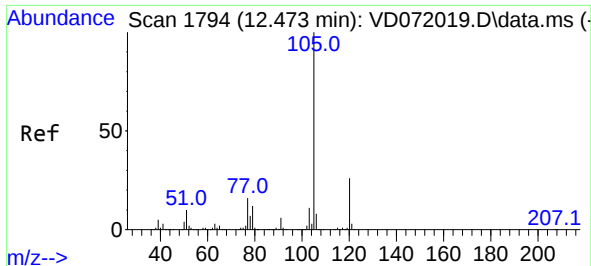


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



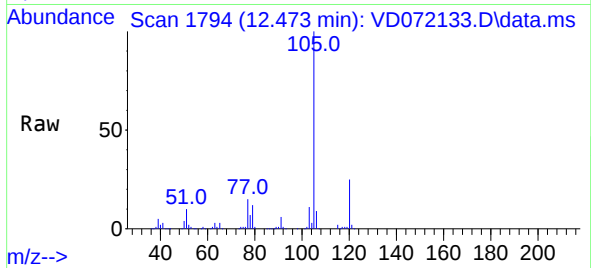
Tgt Ion:152 Resp: 338134
Ion Ratio Lower Upper
152 100
115 59.1 29.9 89.7
150 161.5 0.0 347.6





#73
Isopropylbenzene
Concen: 18.692 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

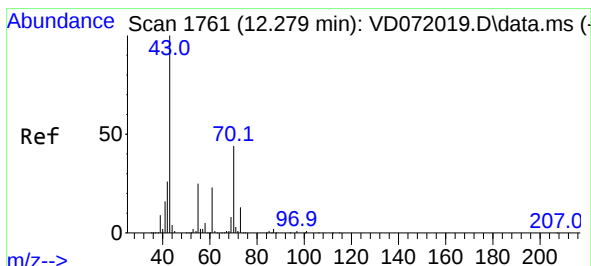
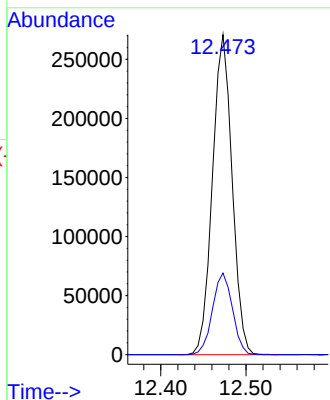
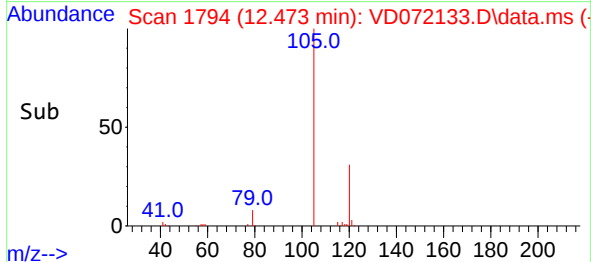
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



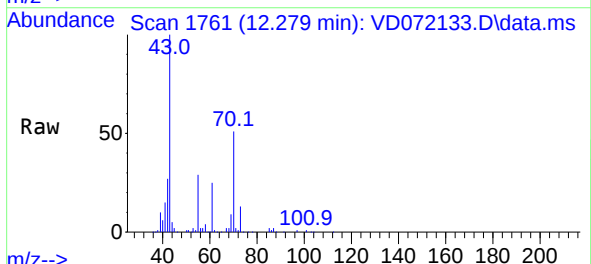
Tgt Ion:105 Resp: 43396
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
APPROVED

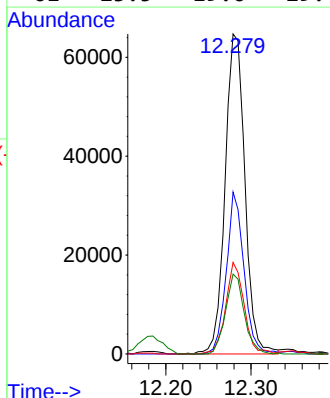
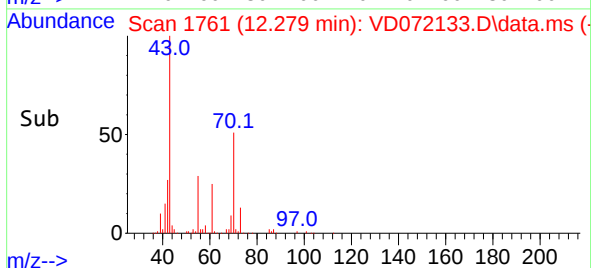
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

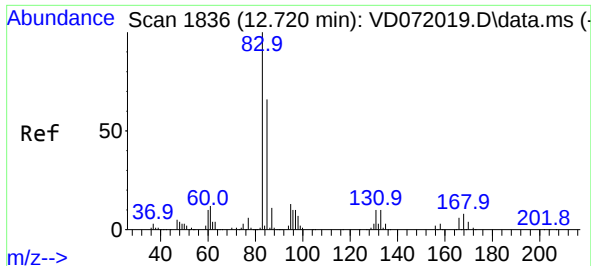


#74
N-ethyl acetate
Concen: 18.680 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



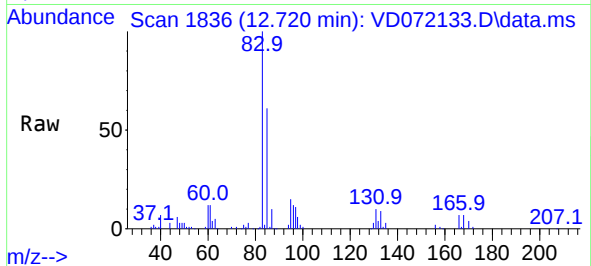
Tgt Ion: 43 Resp: 104723
Ion Ratio Lower Upper
43 100
70 45.0 33.2 49.8
55 26.6 20.6 30.8
61 23.5 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.641 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

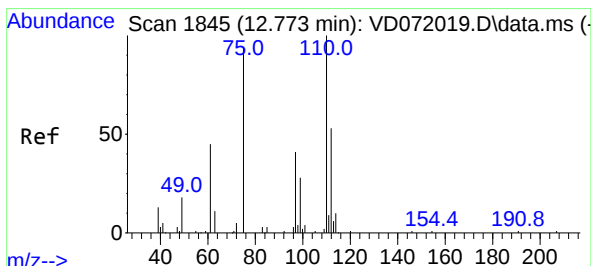
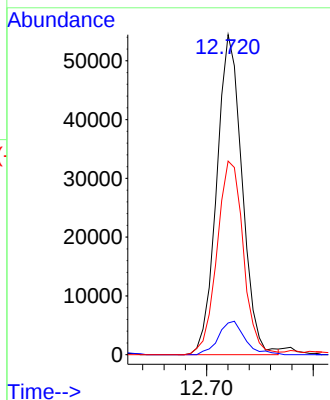
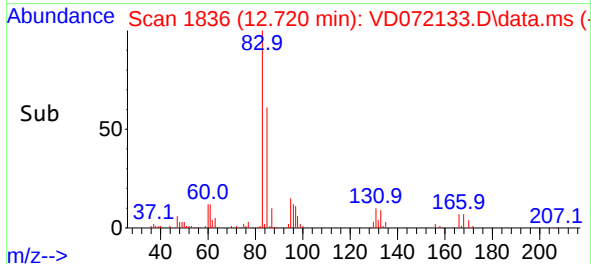
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



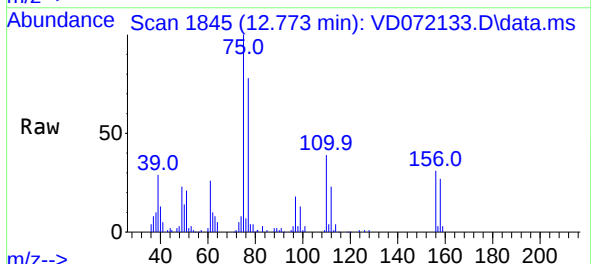
Tgt Ion: 83 Resp: 9015
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.4
85 62.8 32.4 97.2

Manual Integrations
APPROVED

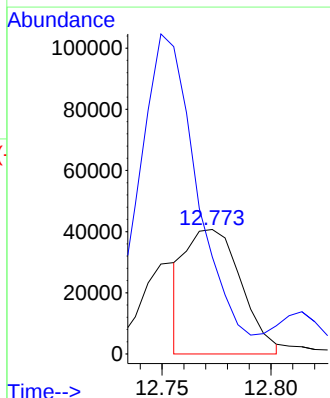
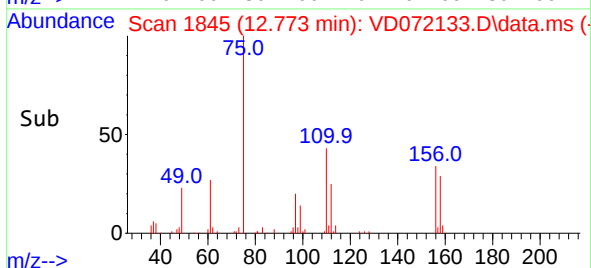
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

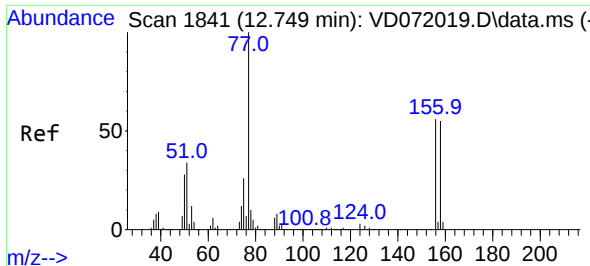


#76
1,2,3-Trichloropropane
Concen: 22.447 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



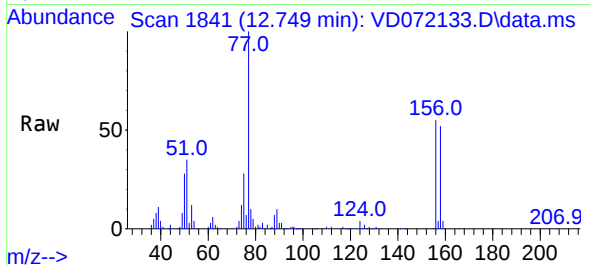
Tgt Ion: 75 Resp: 71894
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.769 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

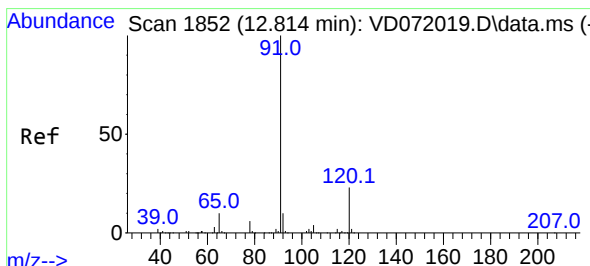
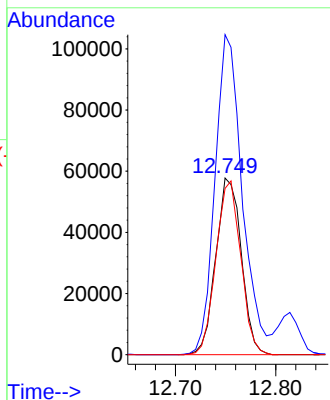
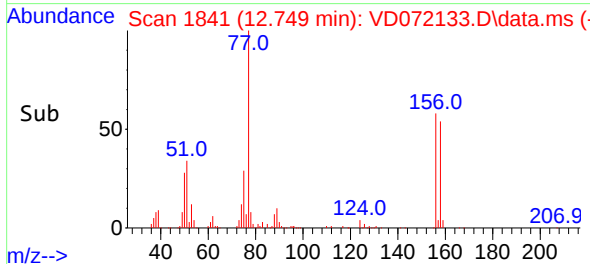
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



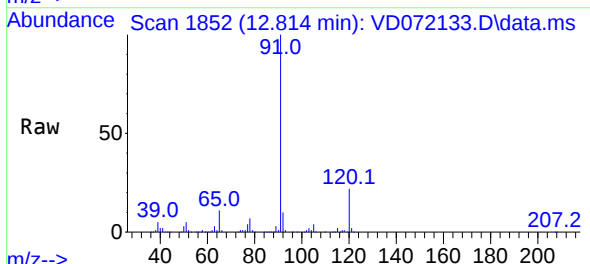
Tgt Ion:156 Resp: 10204
Ion Ratio Lower Upper
156 100
77 192.6 93.6 280.8
158 95.8 47.7 143.1

Manual Integrations
APPROVED

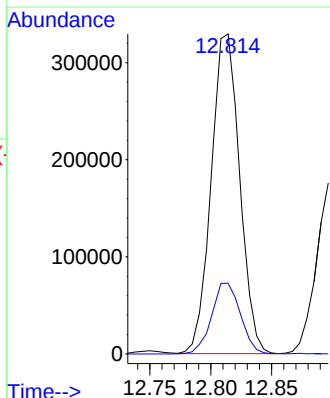
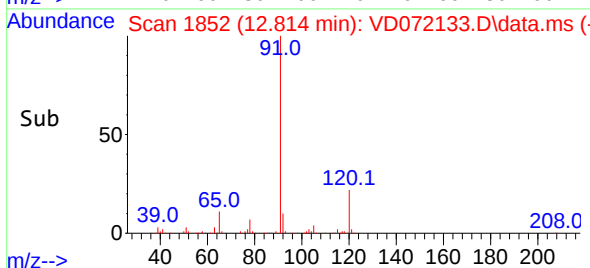
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

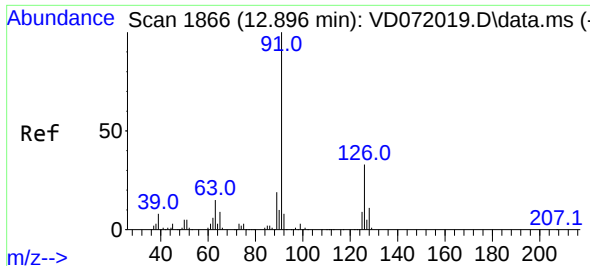


#78
n-propylbenzene
Concen: 18.779 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



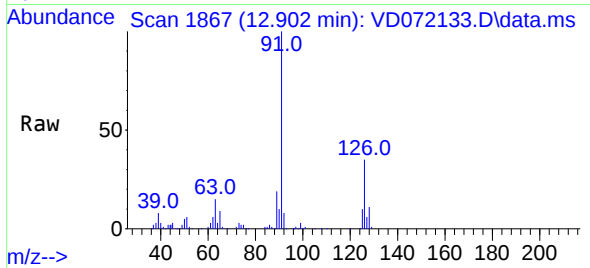
Tgt Ion: 91 Resp: 535885
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.5





#79
2-Chlorotoluene
Concen: 18.755 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

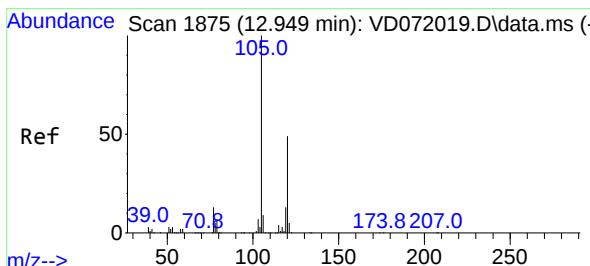
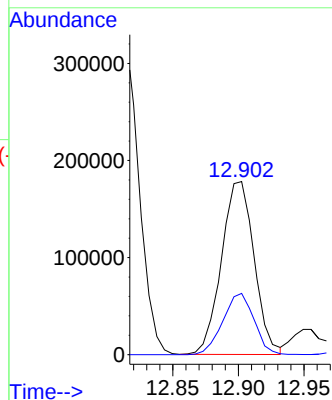
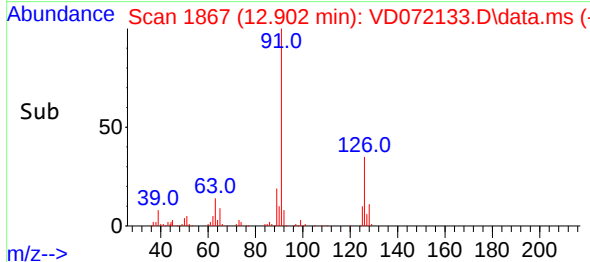
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



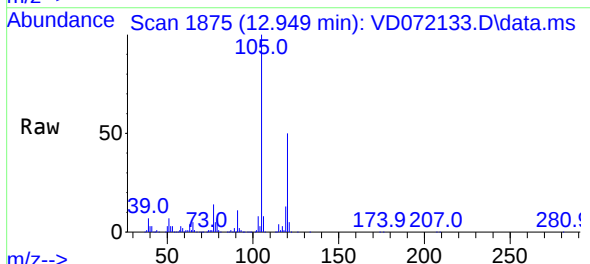
Tgt Ion: 91 Resp: 30975
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4

Manual Integrations
APPROVED

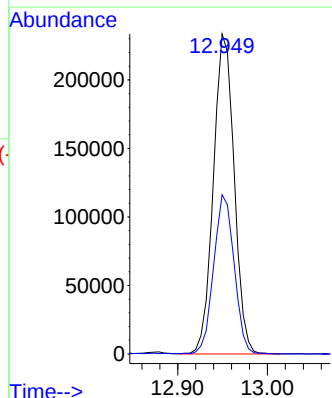
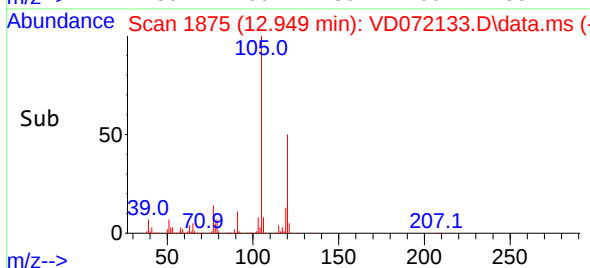
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

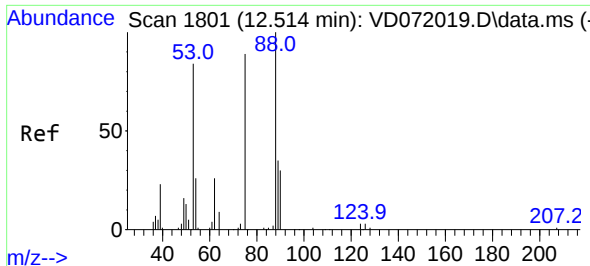


#80
1,3,5-Trimethylbenzene
Concen: 19.382 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



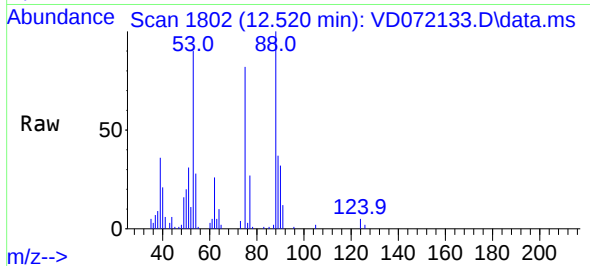
Tgt Ion:105 Resp: 375737
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.913 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

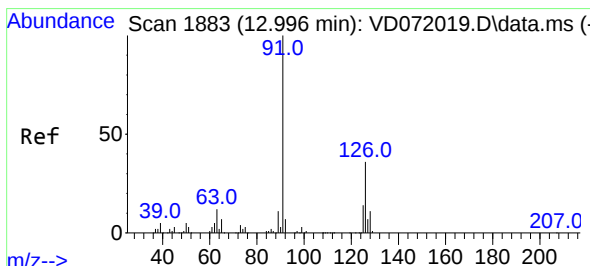
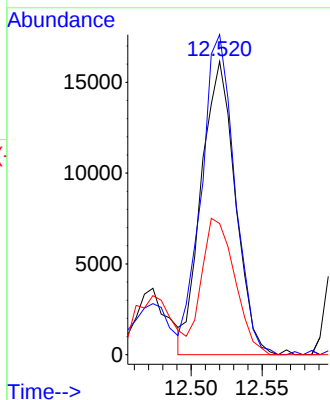
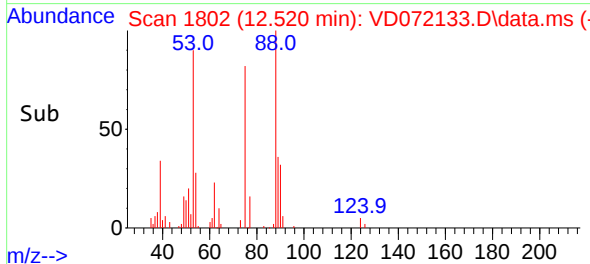
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



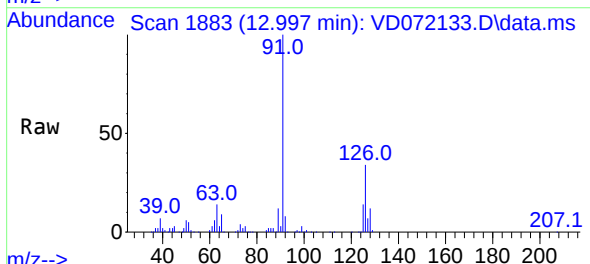
Tgt Ion: 75 Resp: 26748
Ion Ratio Lower Upper
75 100
53 107.5 80.2 120.4
89 45.4 36.4 54.6

Manual Integrations
APPROVED

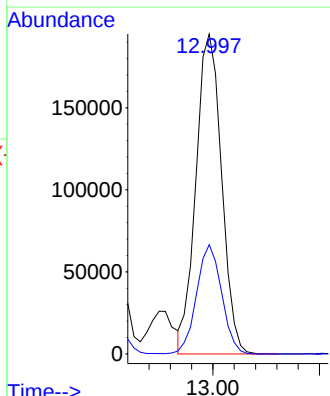
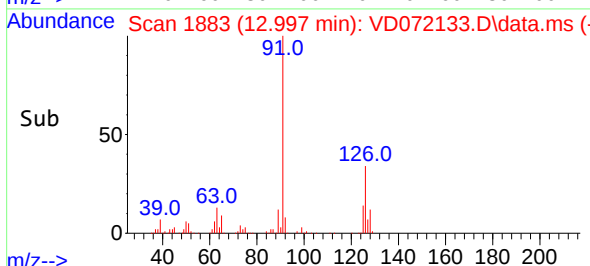
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

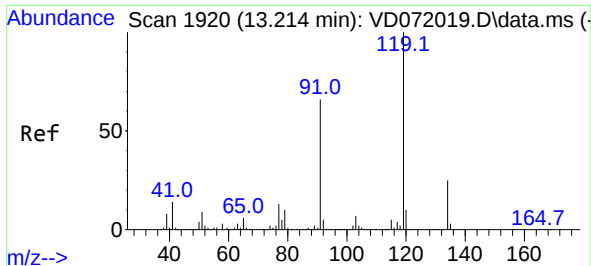


#82
4-Chlorotoluene
Concen: 18.936 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



Tgt Ion: 91 Resp: 325501
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.6





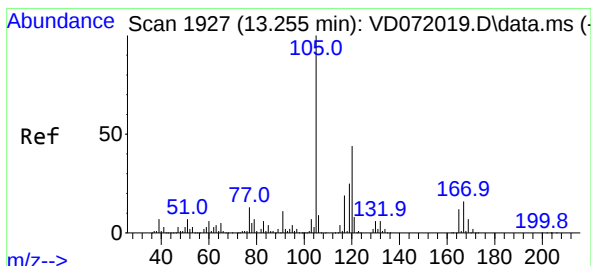
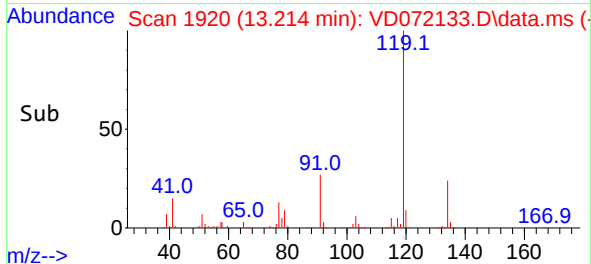
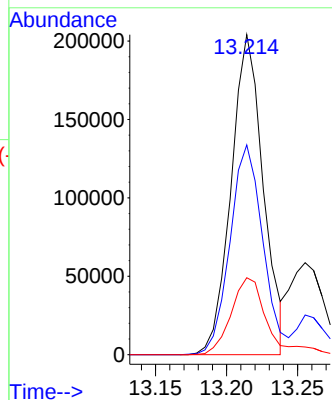
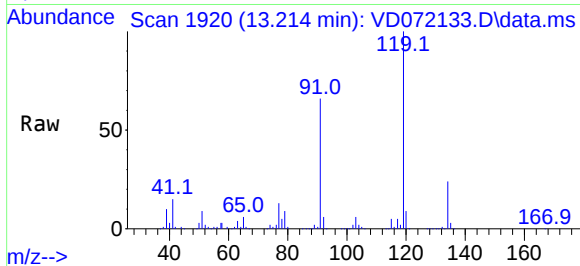
#83
tert-Butylbenzene
Concen: 19.294 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02

Tgt Ion:119 Resp: 321359
Ion Ratio Lower Upper
119 100
91 67.4 32.5 97.5
134 27.0 13.1 39.3

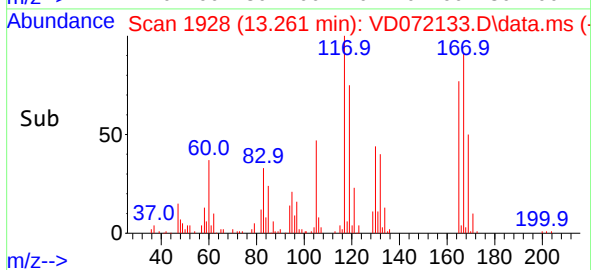
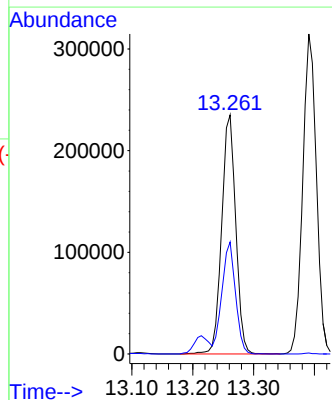
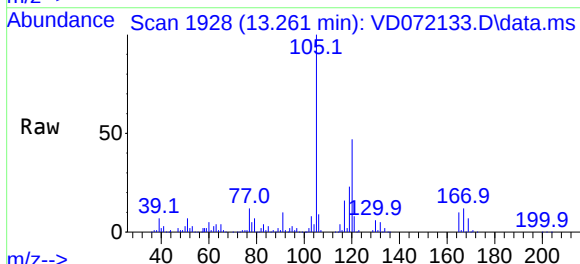
Manual Integrations
APPROVED

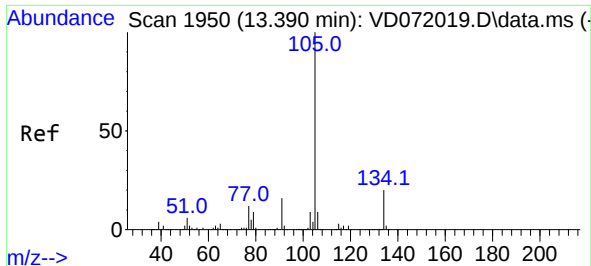
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.792 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

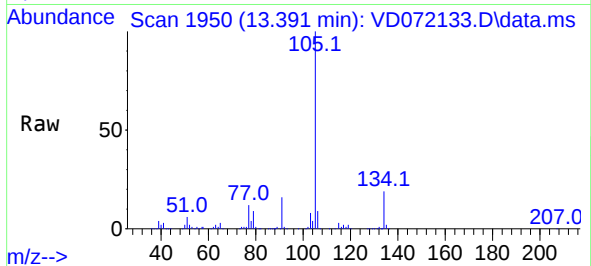
Tgt Ion:105 Resp: 377189
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.204 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072133.D
 Acq: 01 Mar 2022 11:41

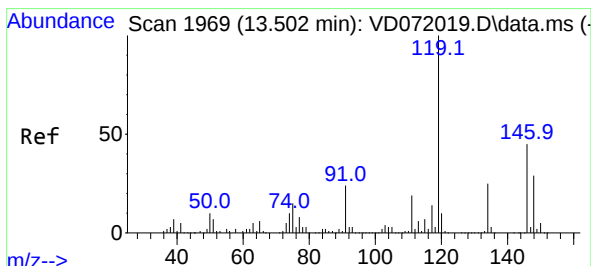
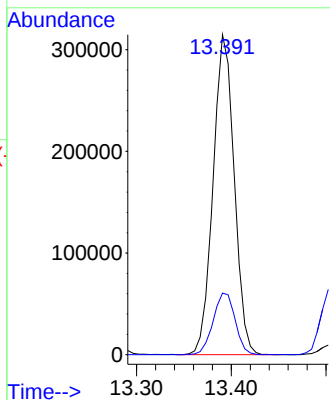
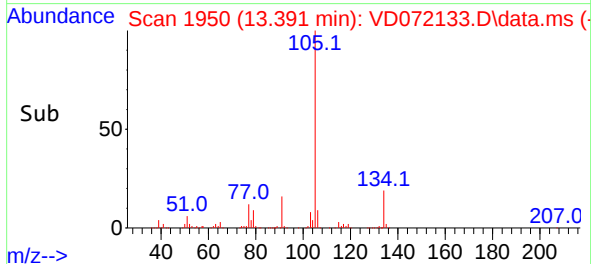
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0301SBS02



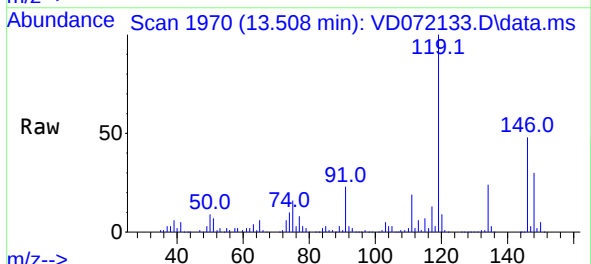
Tgt Ion:105 Resp: 487269
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8

Manual Integrations
 APPROVED

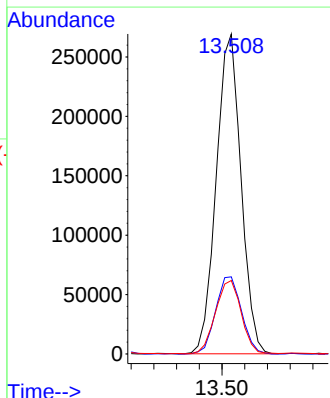
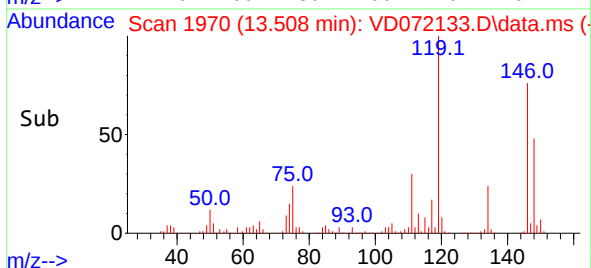
Reviewed By :John Carlone 03/02/2022
 Supervised By :Mahesh Dadoda 03/02/2022

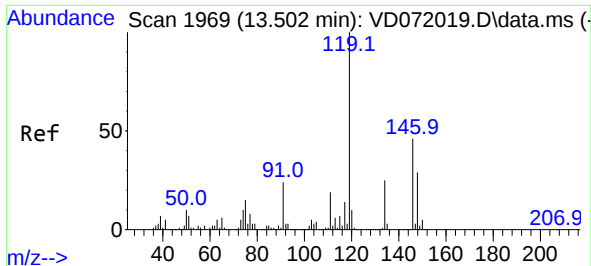


#86
 p-Isopropyltoluene
 Concen: 19.526 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD072133.D
 Acq: 01 Mar 2022 11:41



Tgt Ion:119 Resp: 407493
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 38.9
 91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.105 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD072133.D

Acq: 01 Mar 2022 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD0301SBS02

Tgt Ion:146 Resp: 209960

Ion Ratio Lower Upper

146 100

111 40.2 20.0 59.9

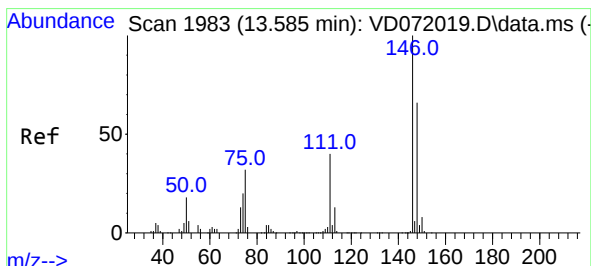
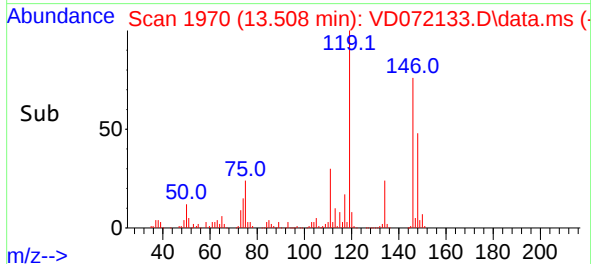
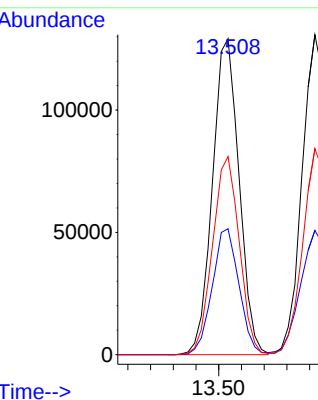
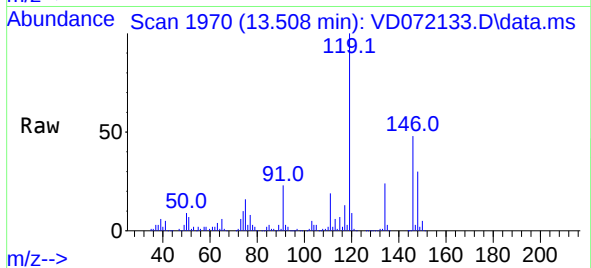
148 63.0 31.1 93.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/02/2022

Supervised By :Mahesh Dadoda 03/02/2022



#88

1,4-Dichlorobenzene

Concen: 19.232 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072133.D

Acq: 01 Mar 2022 11:41

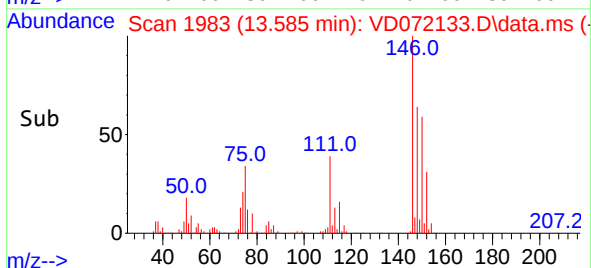
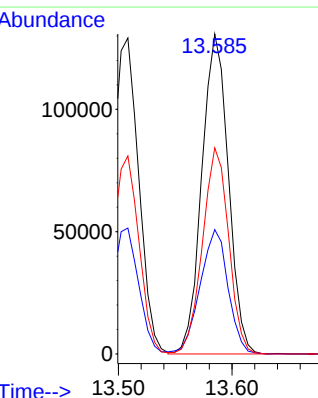
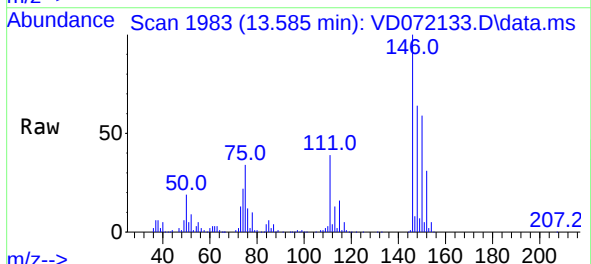
Tgt Ion:146 Resp: 212375

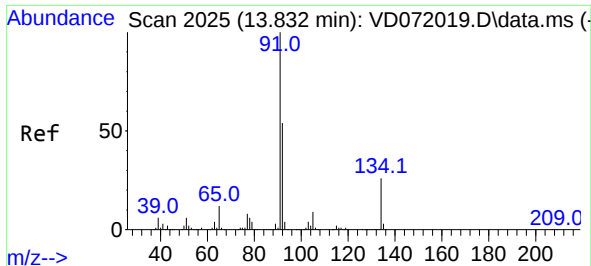
Ion Ratio Lower Upper

146 100

111 40.9 20.1 60.2

148 63.6 32.5 97.5





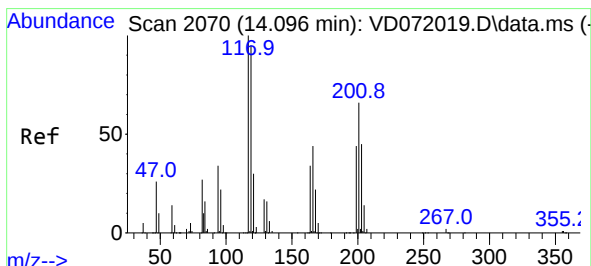
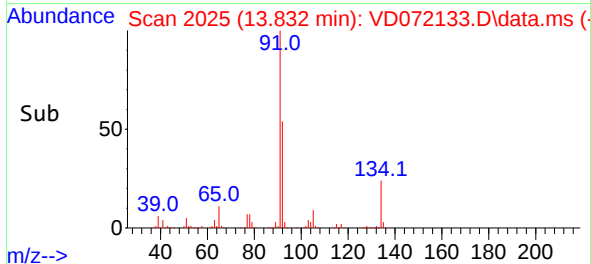
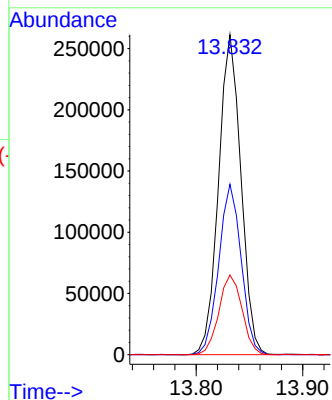
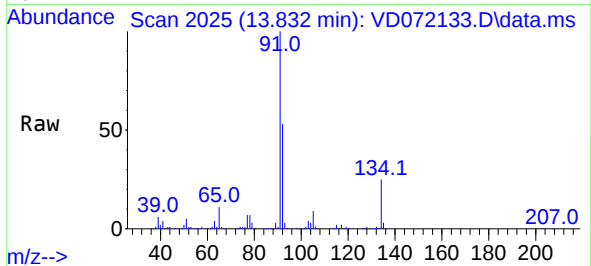
#89
n-Butylbenzene
Concen: 19.207 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02

Tgt Ion: 91 Resp: 38115
Ion Ratio Lower Upper
91 100
92 53.3 27.0 81.0
134 25.8 12.8 38.4

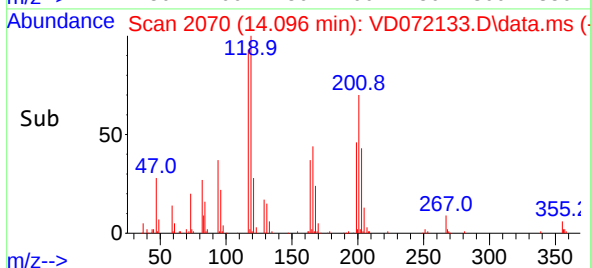
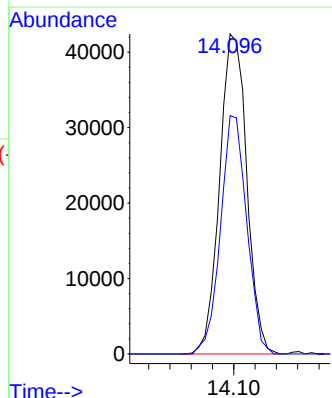
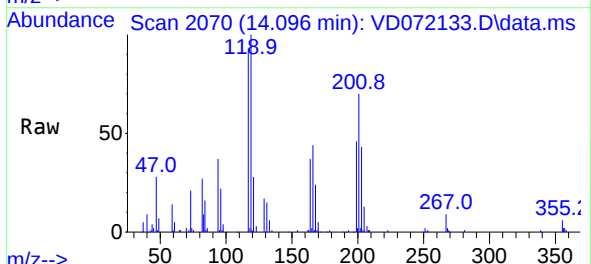
Manual Integrations
APPROVED

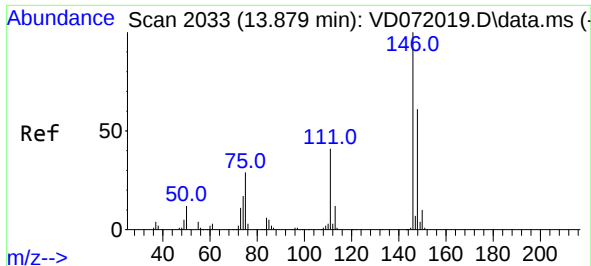
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#90
Hexachloroethane
Concen: 17.909 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Tgt Ion:117 Resp: 75021
Ion Ratio Lower Upper
117 100
201 72.0 35.2 105.6





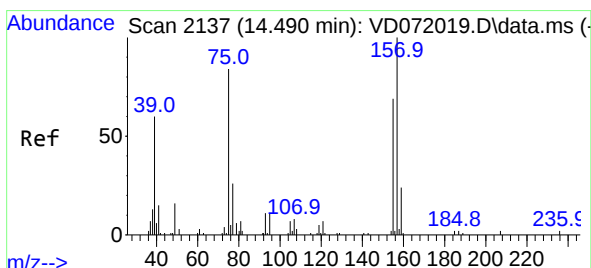
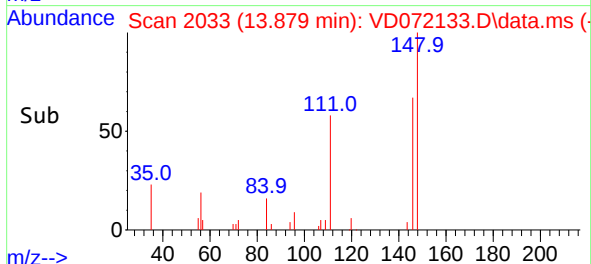
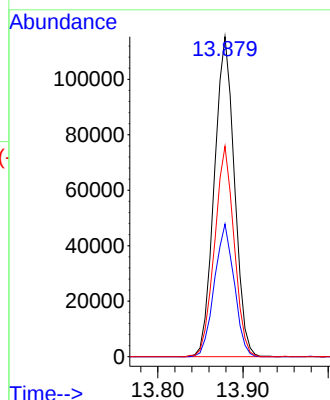
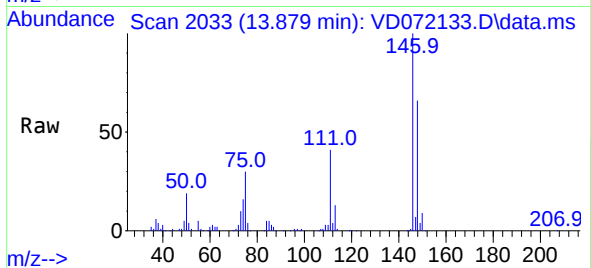
#91
1,2-Dichlorobenzene
Concen: 19.624 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02

Tgt Ion:146 Resp: 189130
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.4
148 63.9 31.6 95.0

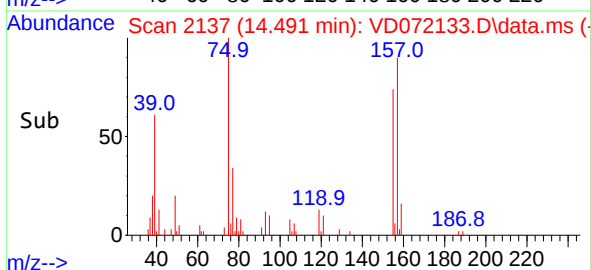
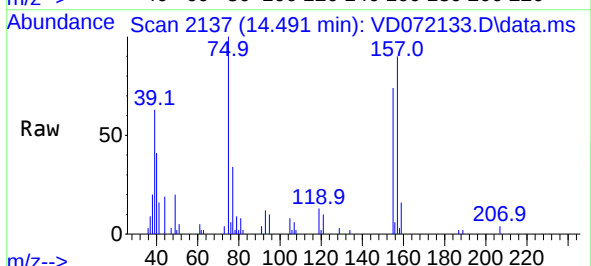
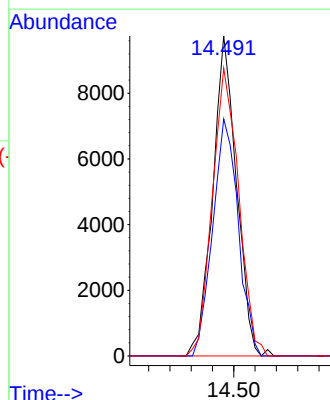
Manual Integrations
APPROVED

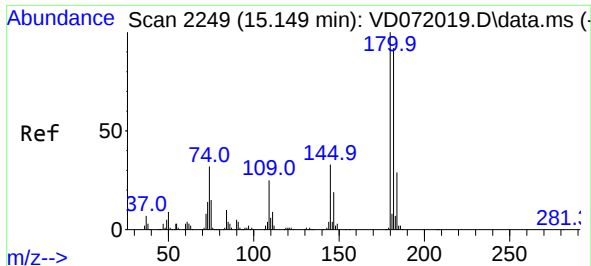
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.108 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

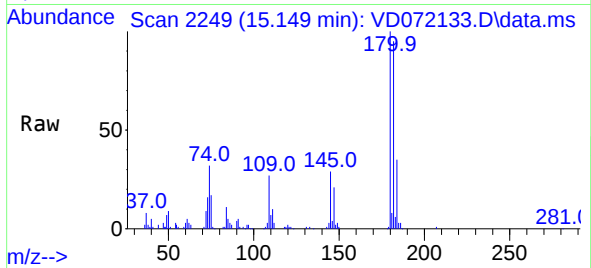
Tgt Ion: 75 Resp: 15094
Ion Ratio Lower Upper
75 100
155 79.5 40.5 121.5
157 99.4 53.3 159.9





#93
1,2,4-Trichlorobenzene
Concen: 19.756 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

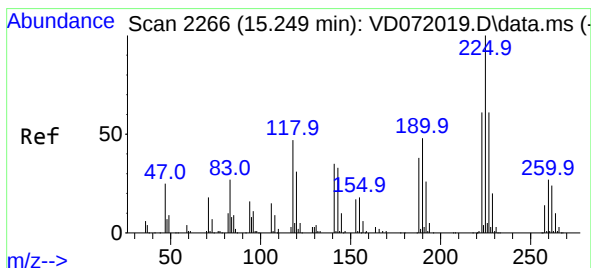
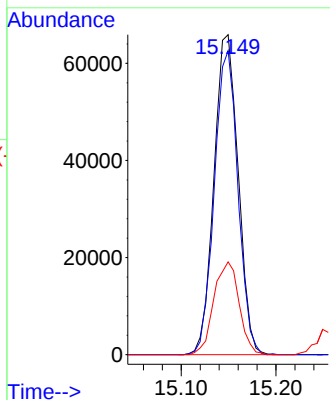
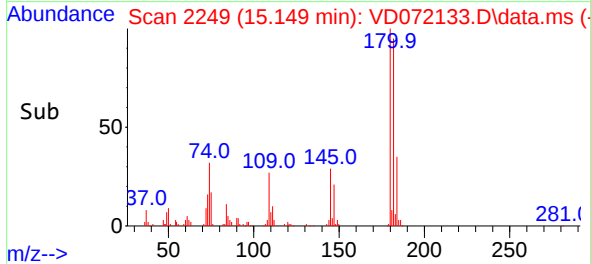
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



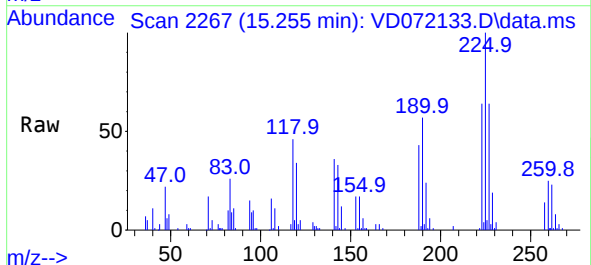
Tgt Ion:180 Resp: 11695
Ion Ratio Lower Upper
180 100
182 92.8 46.4 139.2
145 30.3 15.7 47.1

Manual Integrations
APPROVED

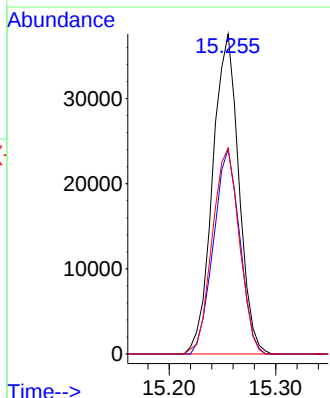
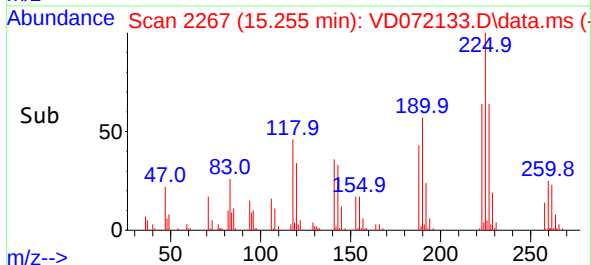
Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022

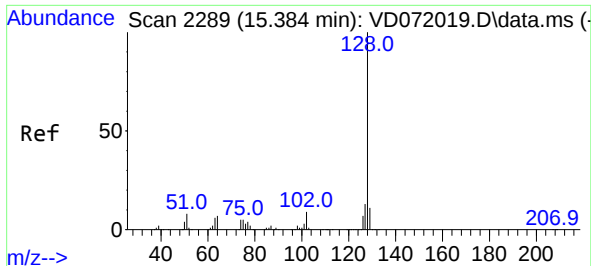


#94
Hexachlorobutadiene
Concen: 19.704 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



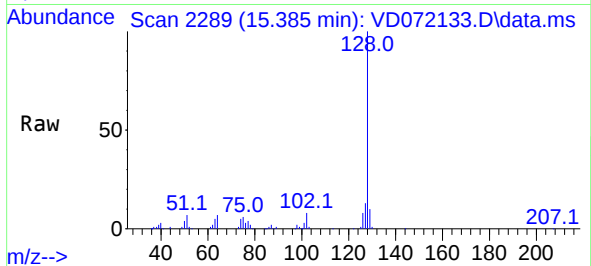
Tgt Ion:225 Resp: 64143
Ion Ratio Lower Upper
225 100
223 64.2 30.9 92.7
227 66.3 31.6 95.0





#95
Naphthalene
Concen: 20.149 ug/l
RT: 15.385 min Scan# 21653
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41

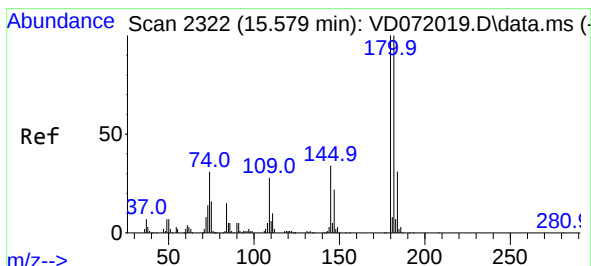
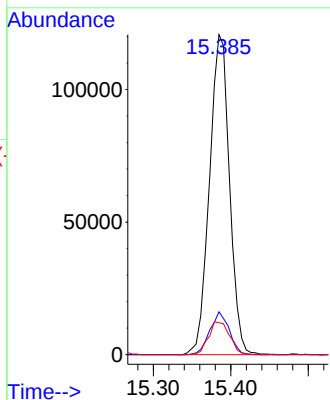
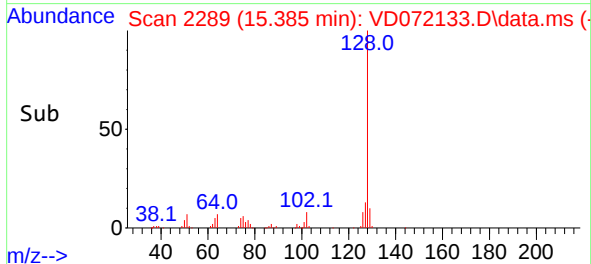
Instrument :
MSVOA_D
ClientSampleId :
VD0301SBS02



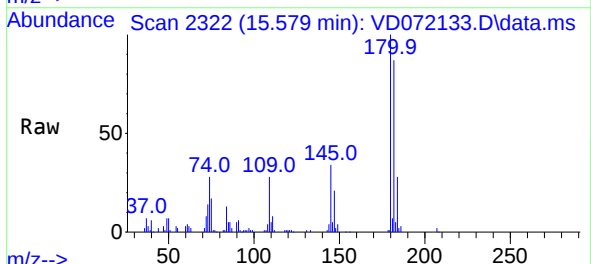
Tgt Ion:128 Resp: 21653
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/02/2022
Supervised By :Mahesh Dadoda 03/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.013 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072133.D
Acq: 01 Mar 2022 11:41



Tgt Ion:180 Resp: 102191
Ion Ratio Lower Upper
180 100
182 97.0 48.1 144.3
145 35.1 16.7 50.0

