

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072446.D
 Acq On : 28 Mar 2022 12:05
 Operator : VA/SY
 Sample : VD0328SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

Quant Time: Mar 29 02:58:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	370203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	604973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	278323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217523	52.724	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.440%			
35) Dibromofluoromethane	7.914	113	222358	52.231	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.460%			
50) Toluene-d8	10.332	98	789176	50.697	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.400%			
62) 4-Bromofluorobenzene	12.620	95	302812	50.064	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	60970	17.806	ug/l	98
3) Chloromethane	2.209	50	58910	19.361	ug/l	100
4) Vinyl Chloride	2.350	62	62959	21.436	ug/l	96
5) Bromomethane	2.756	94	41327	21.609	ug/l	90
6) Chloroethane	2.915	64	44879	23.111	ug/l	94
7) Trichlorofluoromethane	3.268	101	133464	20.122	ug/l	95
8) Diethyl Ether	3.709	74	39041	21.312	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	90976	21.511	ug/l	95
10) Methyl Iodide	4.297	142	58374	16.947	ug/l	99
11) Tert butyl alcohol	5.215	59	28185	117.824	ug/l #	89
12) 1,1-Dichloroethene	4.068	96	66110	19.430	ug/l	93
13) Acrolein	3.920	56	18542	86.866	ug/l	98
14) Allyl chloride	4.715	41	130523	21.941	ug/l	94
15) Acrylonitrile	5.420	53	111418	120.540	ug/l	96
16) Acetone	4.144	43	105469	117.741	ug/l	96
17) Carbon Disulfide	4.409	76	93357	12.912	ug/l	98
18) Methyl Acetate	4.720	43	63094	28.742	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	218316	23.607	ug/l	97
20) Methylene Chloride	4.962	84	105400	19.906	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	73083	19.420	ug/l	91
22) Diisopropyl ether	6.362	45	336723	24.816	ug/l	94
23) Vinyl Acetate	6.303	43	774757	111.881	ug/l	96
24) 1,1-Dichloroethane	6.262	63	185775	23.215	ug/l	98
25) 2-Butanone	7.203	43	143839	120.433	ug/l	94
26) 2,2-Dichloropropane	7.203	77	161830	22.413	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	103340	21.509	ug/l	96
28) Bromochloromethane	7.538	49	63132	19.597	ug/l	89
29) Tetrahydrofuran	7.561	42	80742	114.969	ug/l	94
30) Chloroform	7.708	83	197739	23.195	ug/l	96
31) Cyclohexane	7.979	56	120409	18.680	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	167183	22.080	ug/l	98
36) 1,1-Dichloropropene	8.108	75	116395	19.489	ug/l	97
37) Ethyl Acetate	7.285	43	61734	23.597	ug/l #	95
38) Carbon Tetrachloride	8.091	117	137322	20.228	ug/l	98
39) Methylcyclohexane	9.350	83	119435	17.771	ug/l	99
40) Benzene	8.344	78	353008	20.718	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	38556	25.285	ug/l	90
42) 1,2-Dichloroethane	8.420	62	114111	22.078	ug/l	99
43) Isopropyl Acetate	8.444	43	119834	23.600	ug/l	97
44) Trichloroethene	9.108	130	96899	20.258	ug/l	99
45) 1,2-Dichloropropane	9.379	63	104545	22.373	ug/l	92
46) Dibromomethane	9.467	93	51926	22.590	ug/l	97
47) Bromodichloromethane	9.655	83	157385	23.487	ug/l	94
48) Methyl methacrylate	9.450	41	60139	24.804	ug/l	95
49) 1,4-Dioxane	9.455	88	11986	434.842	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	317689	119.119	ug/l	95
52) Toluene	10.397	92	233174	20.797	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	134222	21.924	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	156946	22.176	ug/l	93
55) 1,1,2-Trichloroethane	10.797	97	80196	22.903	ug/l	98
56) Ethyl methacrylate	10.655	69	93361	22.764	ug/l	91
57) 1,3-Dichloropropane	10.938	76	134350	22.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	177009	95.988	ug/l	97
59) 2-Hexanone	10.979	43	222300	120.684	ug/l	99
60) Dibromochloromethane	11.132	129	100538	22.127	ug/l	99
61) 1,2-Dibromoethane	11.238	107	66990	21.172	ug/l	99
64) Tetrachloroethene	10.867	164	79504	20.205	ug/l	94
65) Chlorobenzene	11.661	112	270920	21.881	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	111279	22.728	ug/l	99
67) Ethyl Benzene	11.738	91	472173	21.352	ug/l	100
68) m/p-Xylenes	11.844	106	360516	42.935	ug/l	99
69) o-Xylene	12.173	106	175440	21.843	ug/l	98
70) Styrene	12.185	104	309848	22.092	ug/l	99
71) Bromoform	12.349	173	57383	21.941	ug/l #	98
73) Isopropylbenzene	12.473	105	506010	22.942	ug/l	100
74) N-amyl acetate	12.279	43	116927	24.669	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	94300	23.906	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	59326m	19.323	ug/l	
77) Bromobenzene	12.755	156	109619	22.082	ug/l	97
78) n-propylbenzene	12.808	91	620368	23.157	ug/l	99
79) 2-Chlorotoluene	12.896	91	358827	23.163	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	443440	23.403	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	27595	22.301	ug/l	99
82) 4-Chlorotoluene	12.996	91	368406	22.968	ug/l	100
83) tert-Butylbenzene	13.214	119	382109	23.002	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	432681	23.175	ug/l	99
85) sec-Butylbenzene	13.391	105	578197	23.177	ug/l	99
86) p-Isopropyltoluene	13.502	119	473182	23.050	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	233817	22.474	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	233137	22.598	ug/l	99
89) n-Butylbenzene	13.832	91	459365	23.477	ug/l	99
90) Hexachloroethane	14.102	117	91548	22.754	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	207735	22.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	14251	22.638	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	133142	22.170	ug/l	99
94) Hexachlorobutadiene	15.255	225	76680	21.950	ug/l	98
95) Naphthalene	15.385	128	253486	24.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	117738	22.650	ug/l	98

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MSVOA_D
ClientSampleId :
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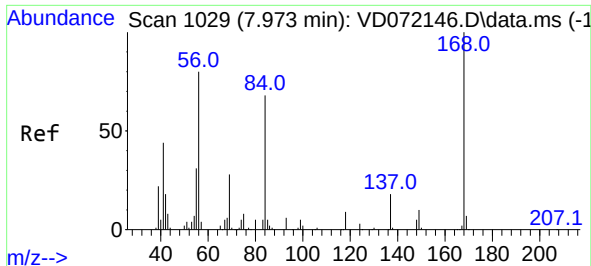
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

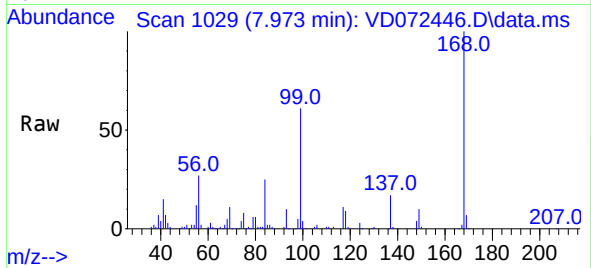
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

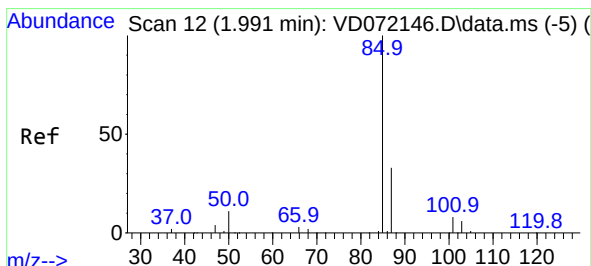
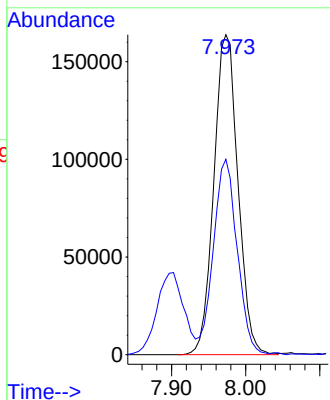
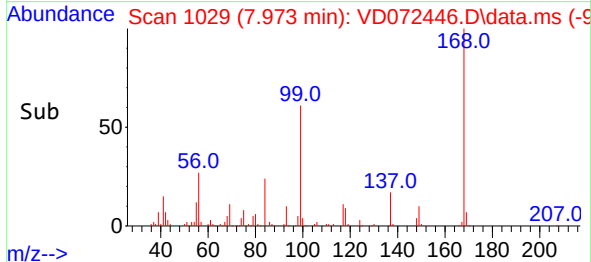
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



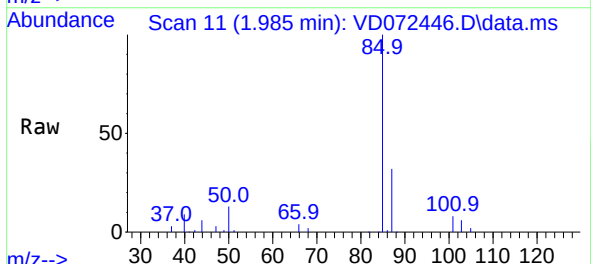
Tgt Ion:168 Resp: 37020
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6

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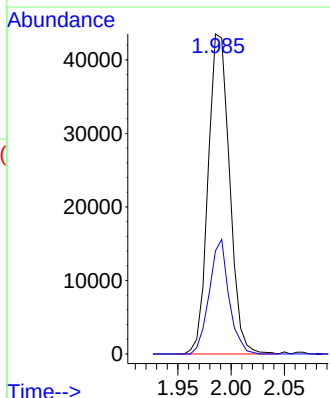
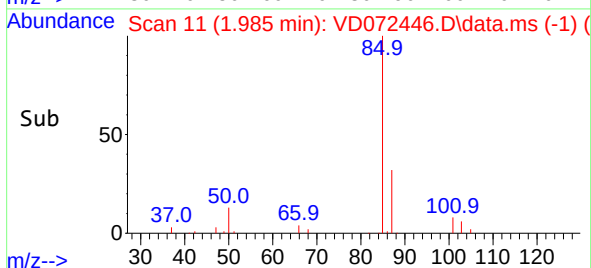
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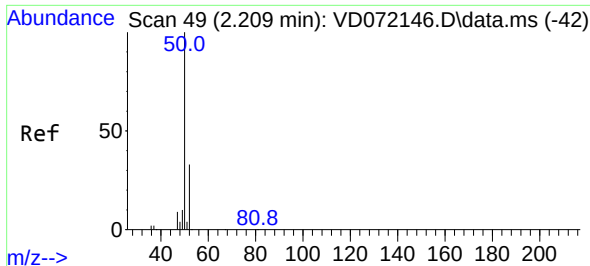


#2
Dichlorodifluoromethane
Concen: 17.806 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



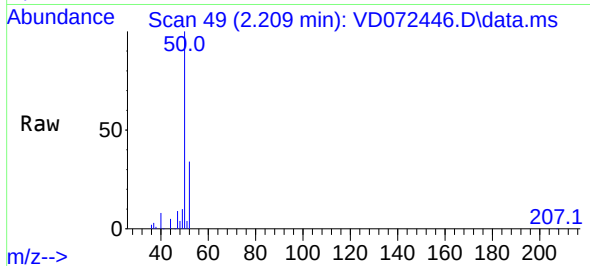
Tgt Ion: 85 Resp: 60970
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0





#3
Chloromethane
Concen: 19.361 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

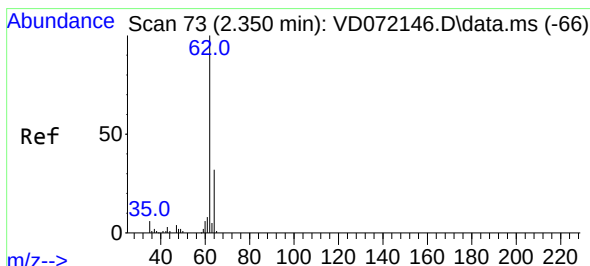
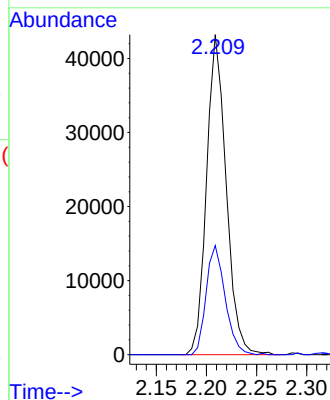
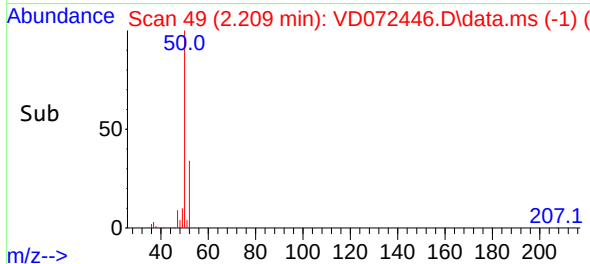
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



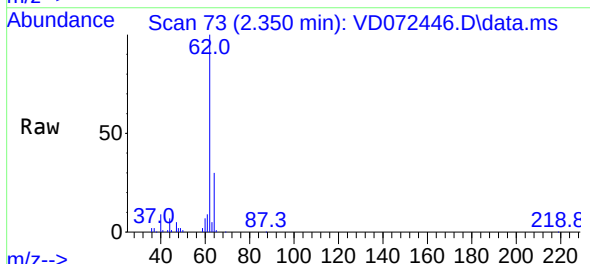
Tgt Ion: 50 Resp: 58910
Ion Ratio Lower Upper
50 100
52 34.1 27.4 41.0

Manual Integrations
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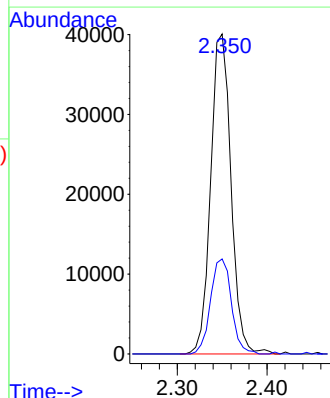
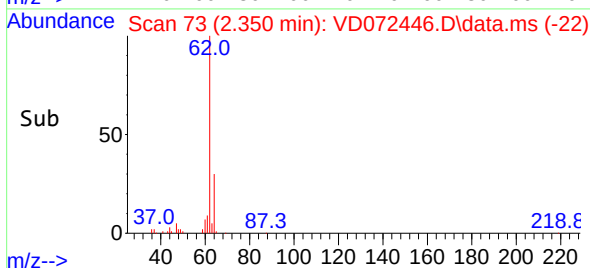
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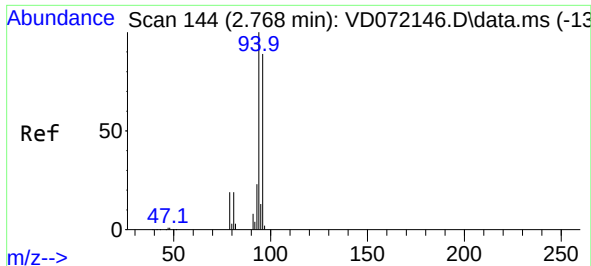


#4
Vinyl Chloride
Concen: 21.436 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



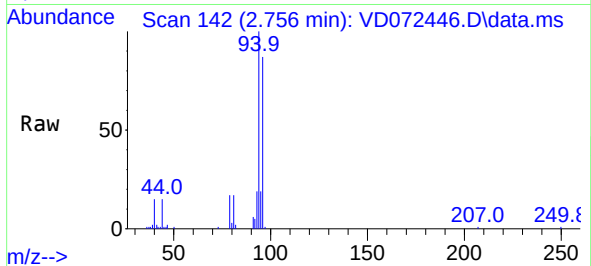
Tgt Ion: 62 Resp: 62959
Ion Ratio Lower Upper
62 100
64 29.7 25.4 38.0





#5
Bromomethane
Concen: 21.609 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

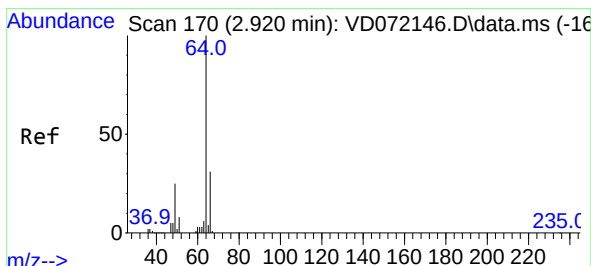
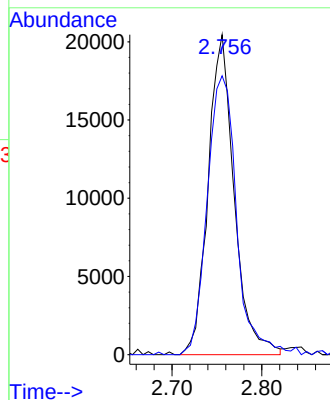
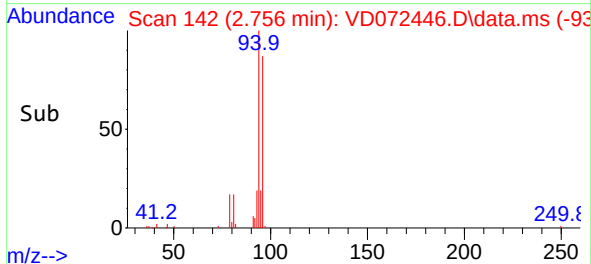
Instrument :
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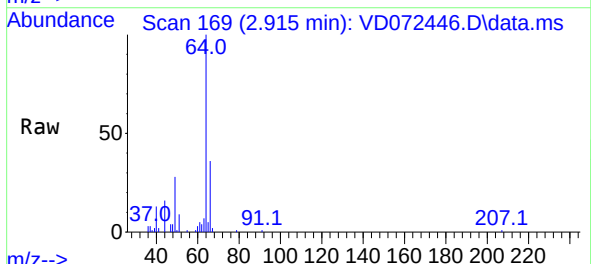
Tgt Ion: 94 Resp: 4132
Ion Ratio Lower Upper
94 100
96 87.2 77.6 116.4

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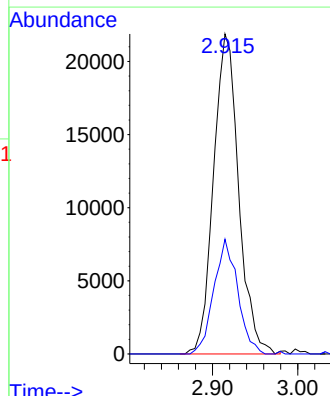
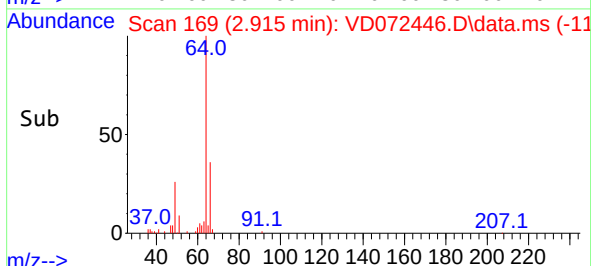
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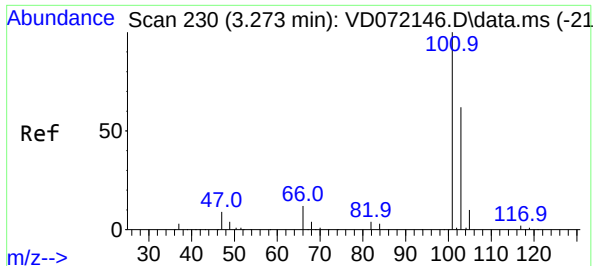


#6
Chloroethane
Concen: 23.111 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



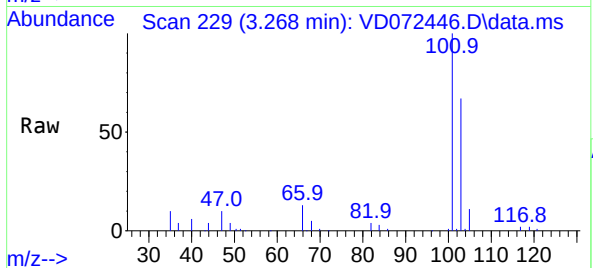
Tgt Ion: 64 Resp: 44879
Ion Ratio Lower Upper
64 100
66 35.9 25.9 38.9





#7
Trichlorofluoromethane
Concen: 20.122 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

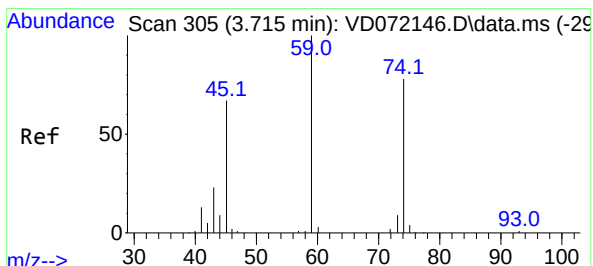
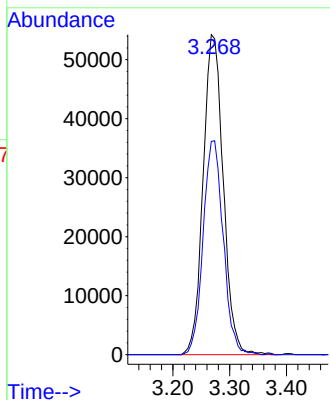
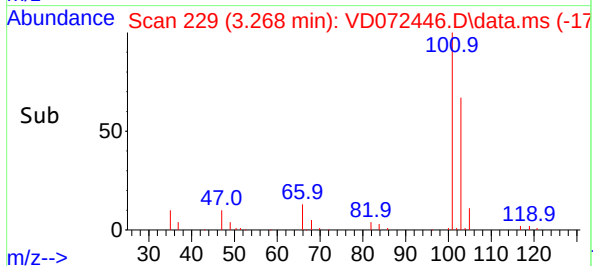
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



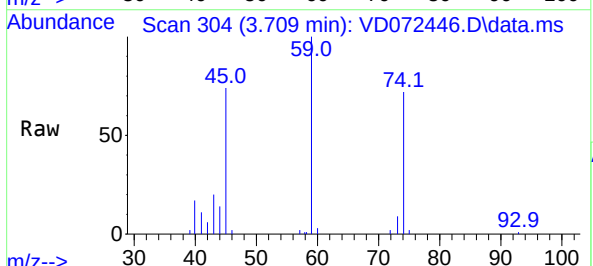
Tgt Ion:101 Resp: 133464
Ion Ratio Lower Upper
101 100
103 66.7 50.1 75.1

Manual Integrations
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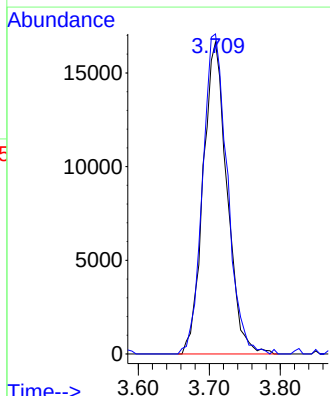
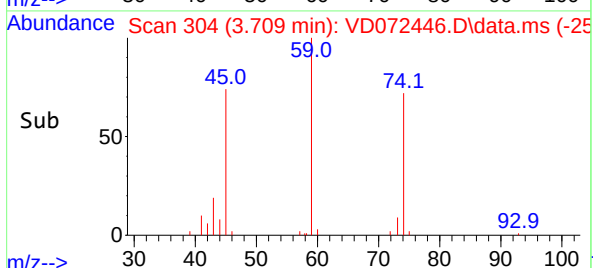
Reviewed By :John Carlone 03/29/2022
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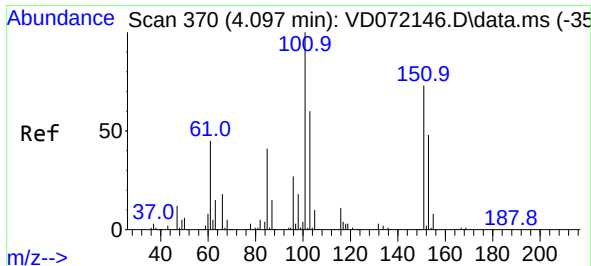


#8
Diethyl Ether
Concen: 21.312 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



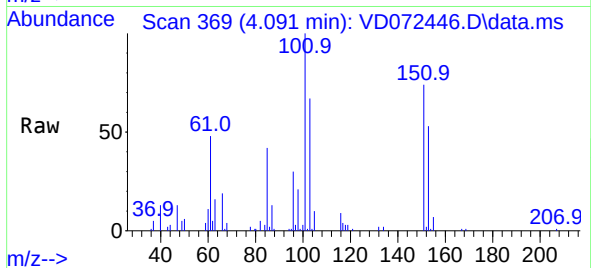
Tgt Ion: 74 Resp: 39041
Ion Ratio Lower Upper
74 100
45 105.6 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.511 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072446.D
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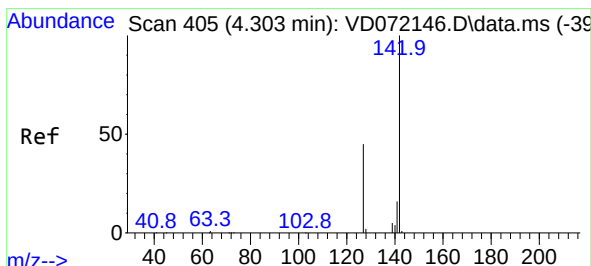
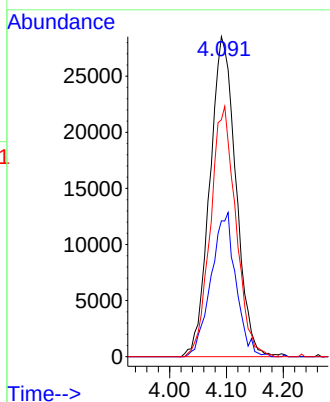
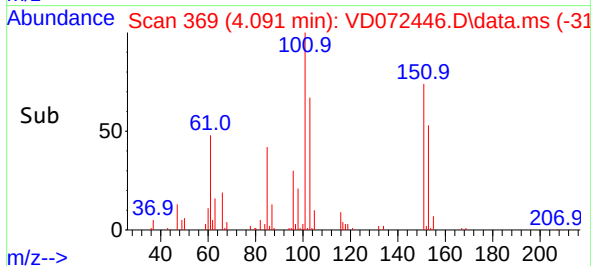
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion:101 Resp: 90970
Ion Ratio Lower Upper
101 100
85 43.0 36.4 54.6
151 76.0 57.3 85.9

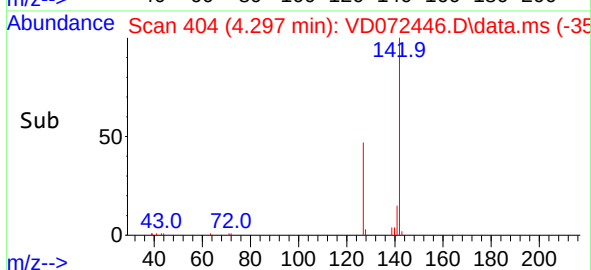
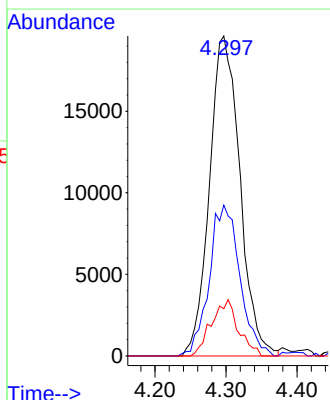
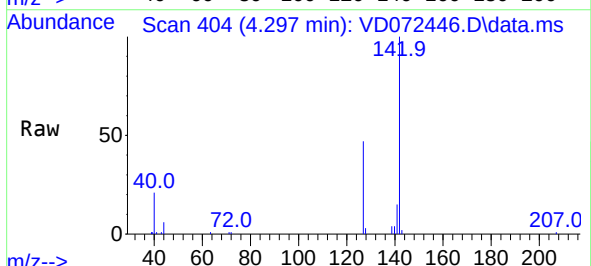
Manual Integrations
APPROVED

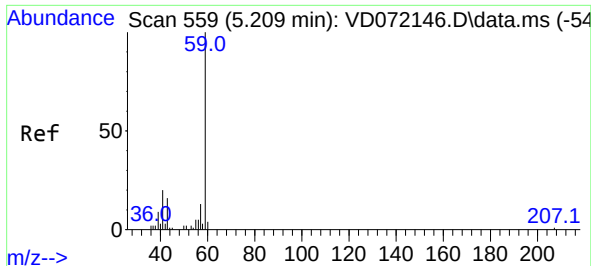
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#10
Methyl Iodide
Concen: 16.947 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

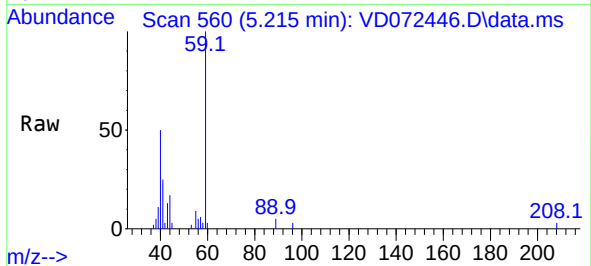
Tgt Ion:142 Resp: 58374
Ion Ratio Lower Upper
142 100
127 47.4 37.3 55.9
141 15.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 117.824 ug/l
RT: 5.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

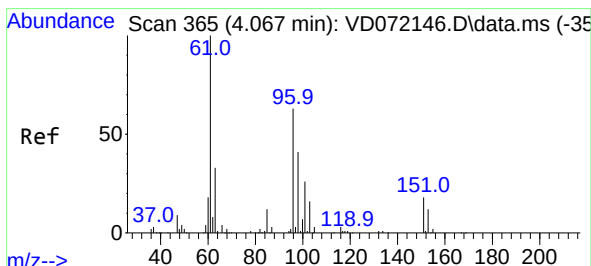
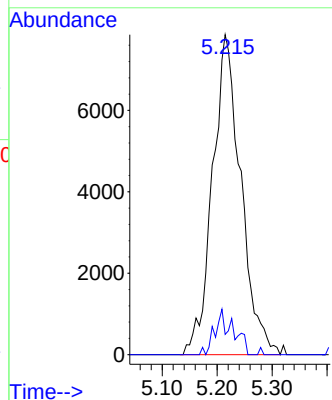
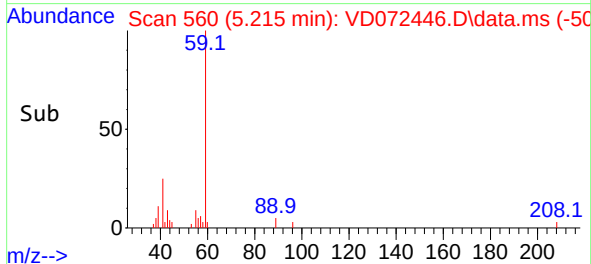
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



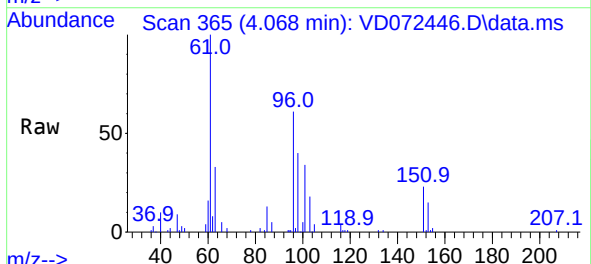
Tgt Ion: 59 Resp: 2818
Ion Ratio Lower Upper
59 100
57 5.6 7.8 11.6

Manual Integrations
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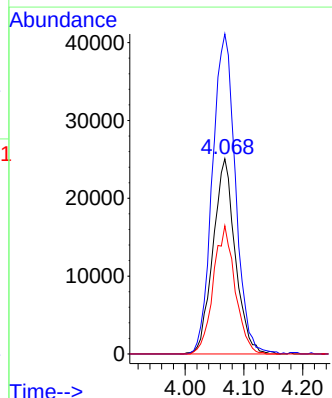
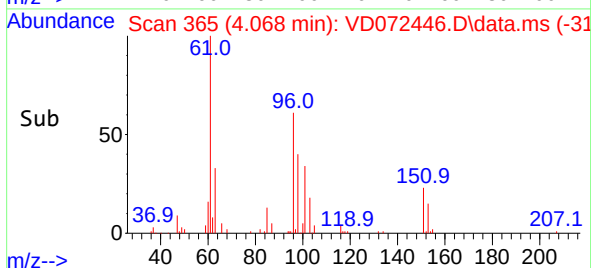
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

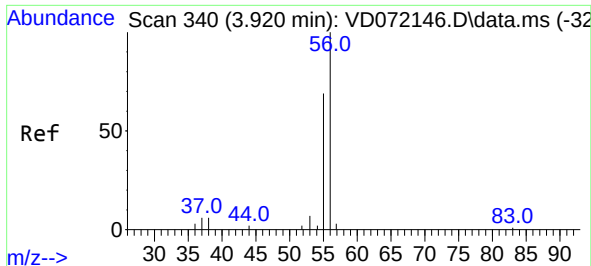


#12
1,1-Dichloroethene
Concen: 19.430 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion: 96 Resp: 66110
Ion Ratio Lower Upper
96 100
61 164.0 138.5 207.7
98 65.7 48.6 73.0





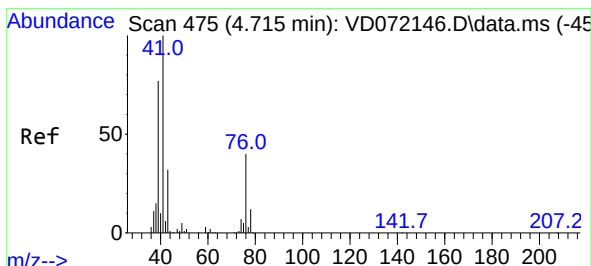
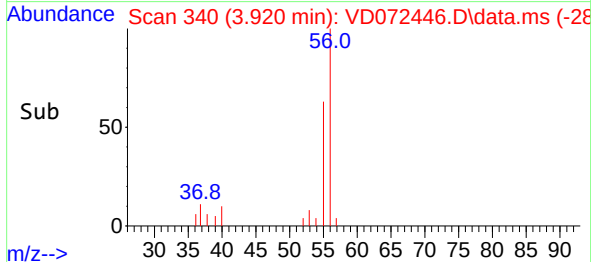
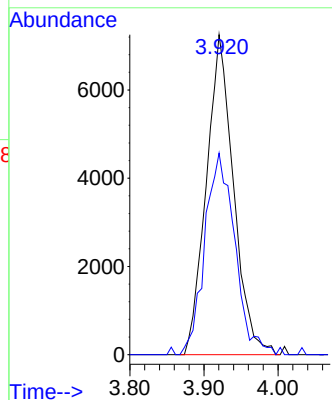
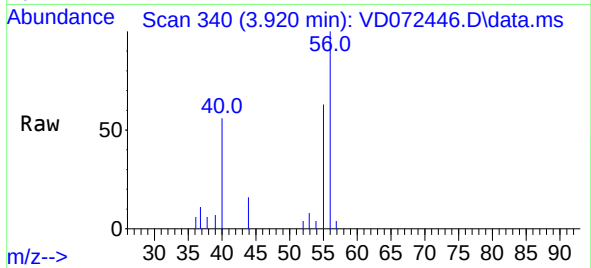
#13
Acrolein
Concen: 86.866 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 56 Resp: 1854
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7

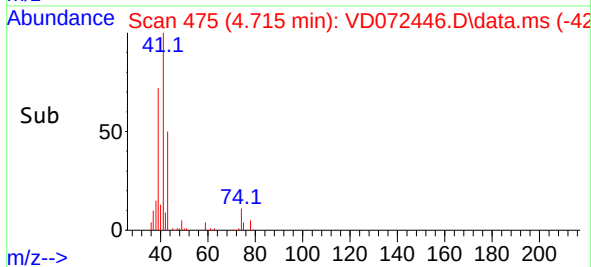
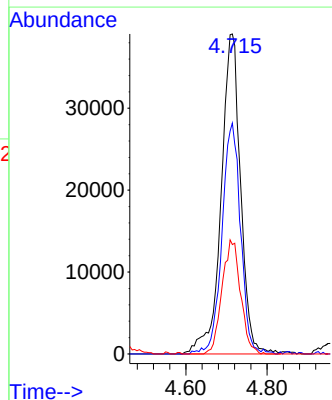
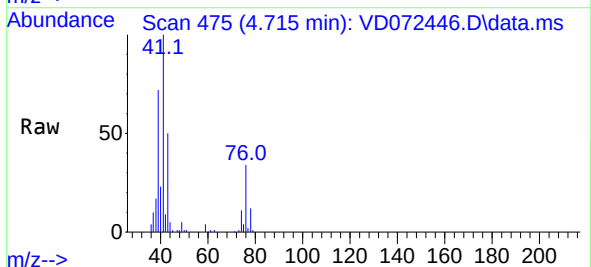
Manual Integrations
APPROVED

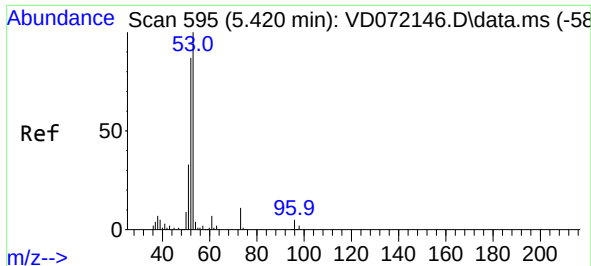
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#14
Allyl chloride
Concen: 21.941 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

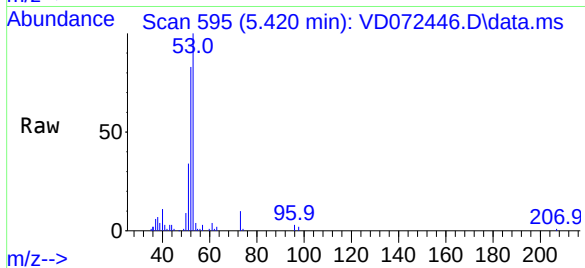
Tgt Ion: 41 Resp: 130523
Ion Ratio Lower Upper
41 100
39 68.5 59.3 88.9
76 33.8 25.7 38.5





#15
Acrylonitrile
Concen: 120.540 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

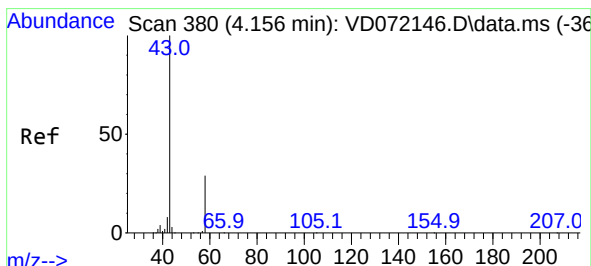
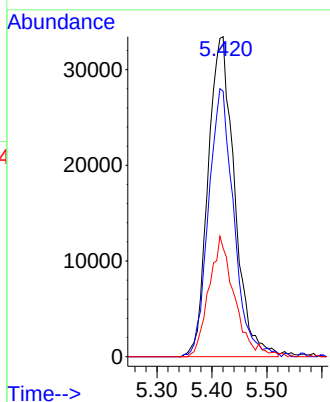
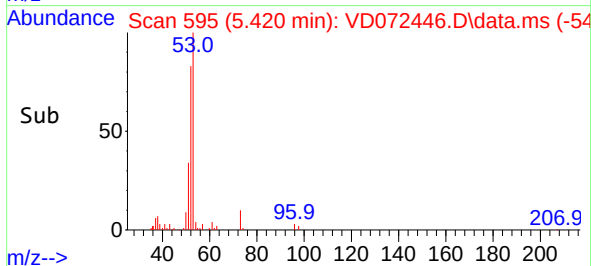
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



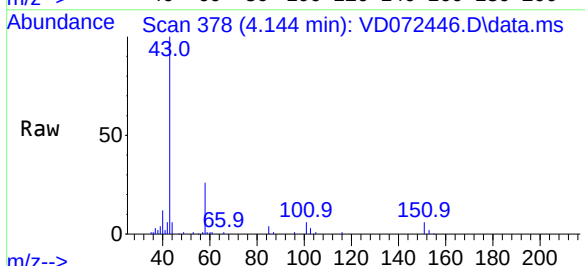
Tgt Ion: 53 Resp: 111418
Ion Ratio Lower Upper
53 100
52 80.4 67.2 100.8
51 35.2 30.3 45.5

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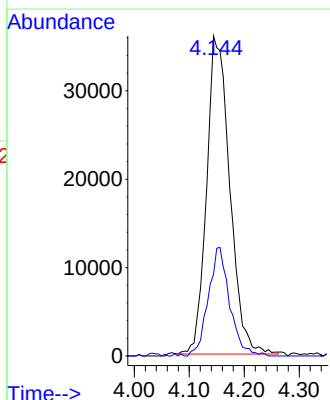
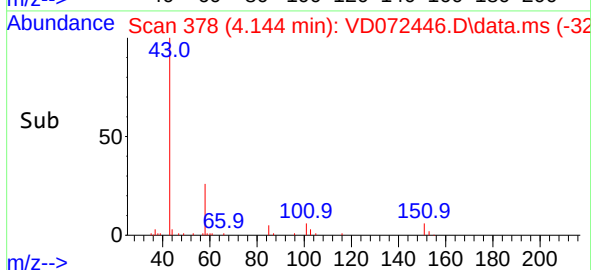
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

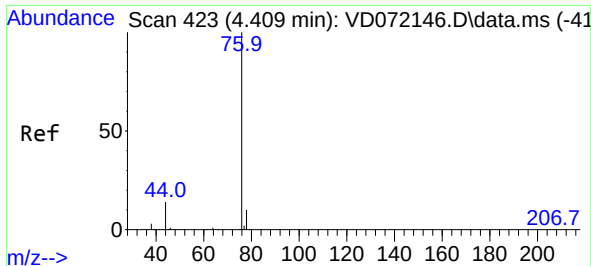


#16
Acetone
Concen: 117.741 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



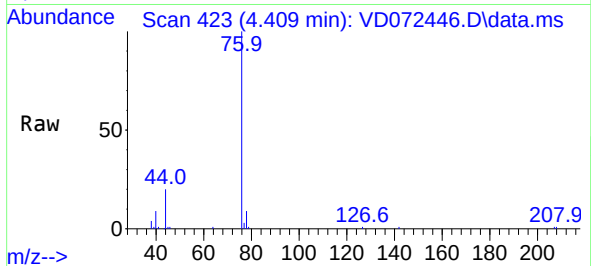
Tgt Ion: 43 Resp: 105469
Ion Ratio Lower Upper
43 100
58 25.7 22.1 33.1





#17
Carbon Disulfide
Concen: 12.912 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

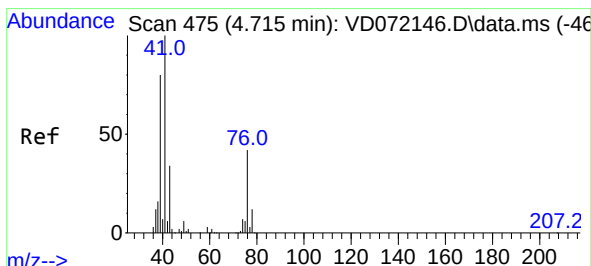
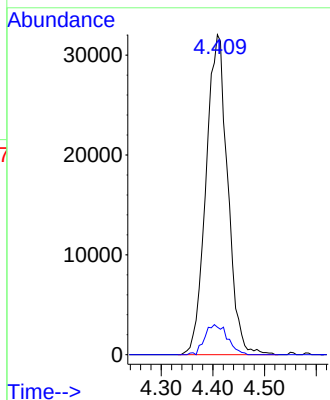
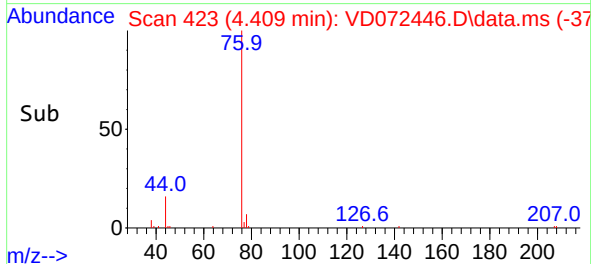
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



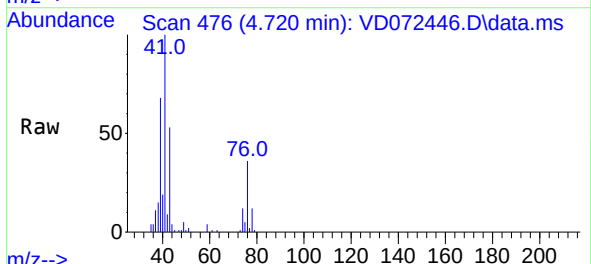
Tgt Ion: 76 Resp: 9335
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

Manual Integrations
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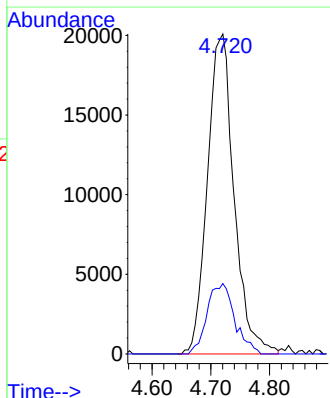
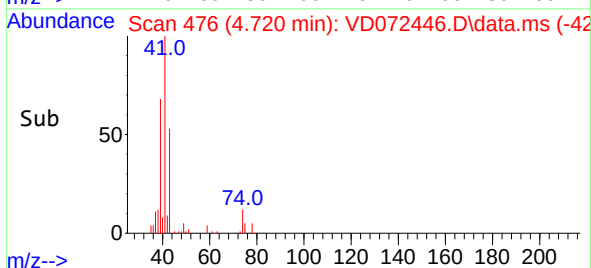
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

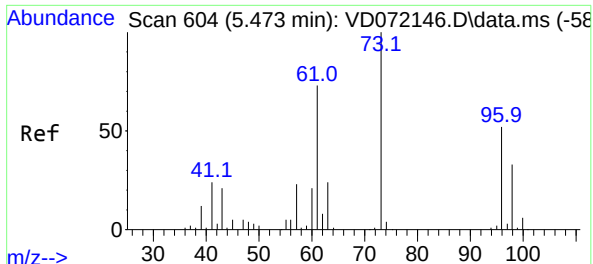


#18
Methyl Acetate
Concen: 28.742 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion: 43 Resp: 63094
Ion Ratio Lower Upper
43 100
74 22.8 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 23.607 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 73 Resp: 218310

Ion Ratio Lower Upper

73 100

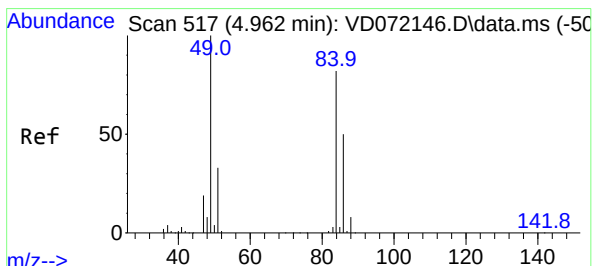
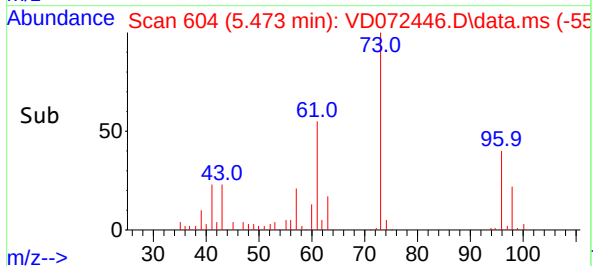
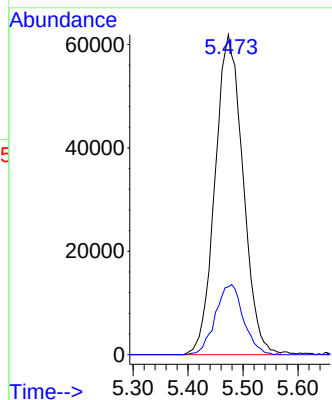
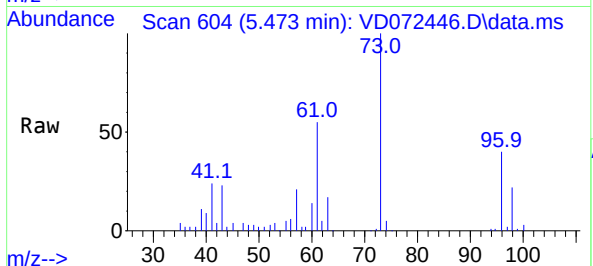
57 21.2 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#20

Methylene Chloride

Concen: 19.906 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Tgt Ion: 84 Resp: 105400

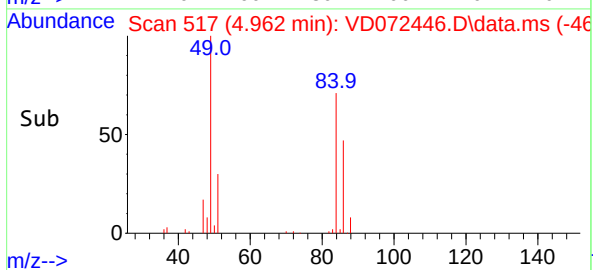
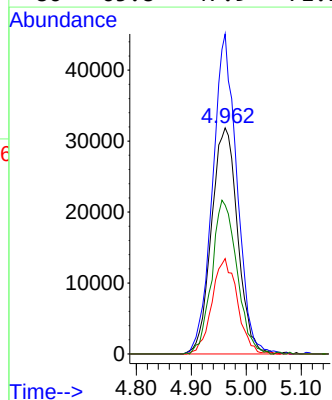
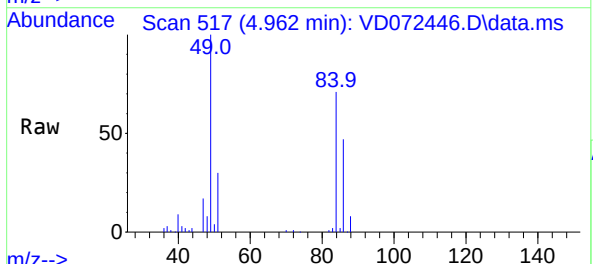
Ion Ratio Lower Upper

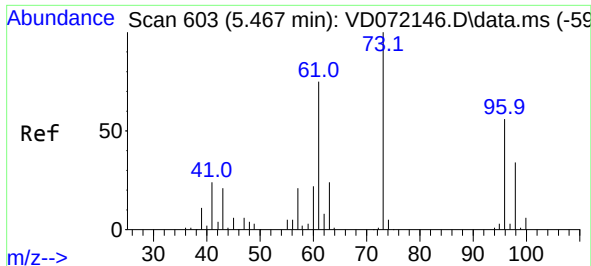
84 100

49 141.6 112.8 169.2

51 42.2 32.6 48.8

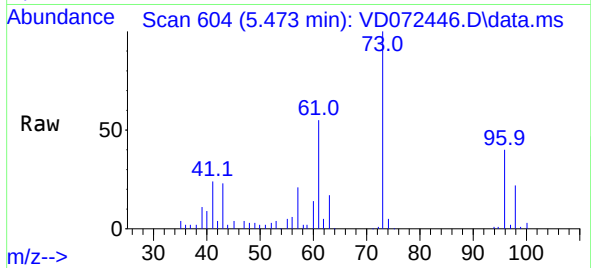
86 65.8 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 19.420 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

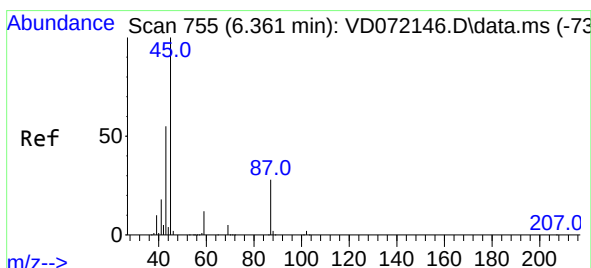
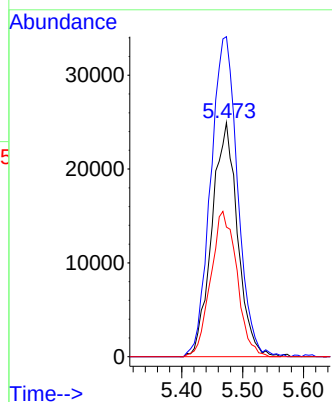
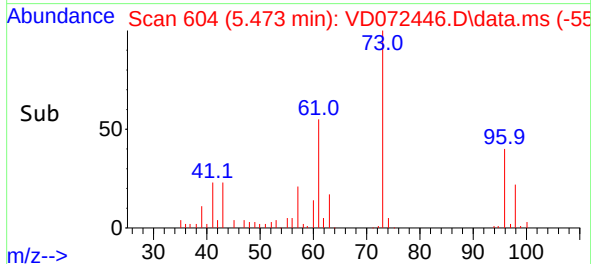
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion: 96 Resp: 73083
Ion Ratio Lower Upper
96 100
61 136.7 117.9 176.9
98 55.3 49.4 74.2

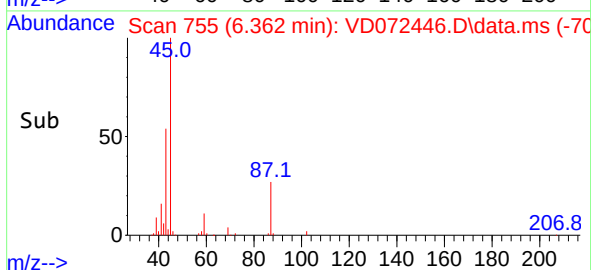
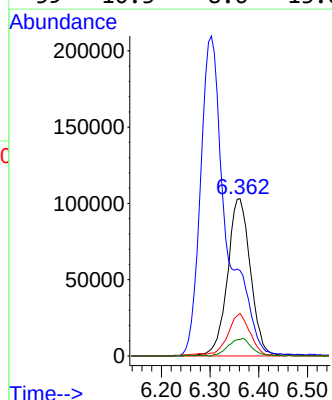
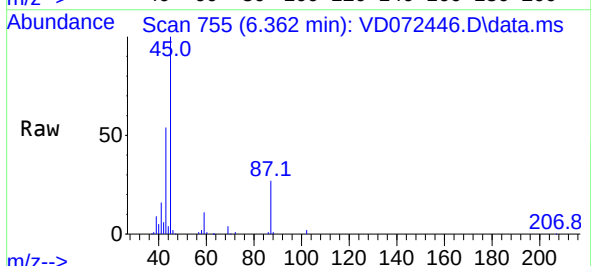
Manual Integrations
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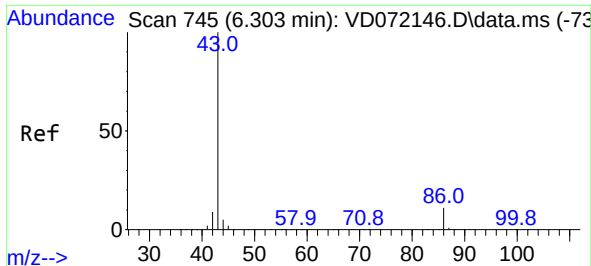
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#22
Diisopropyl ether
Concen: 24.816 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

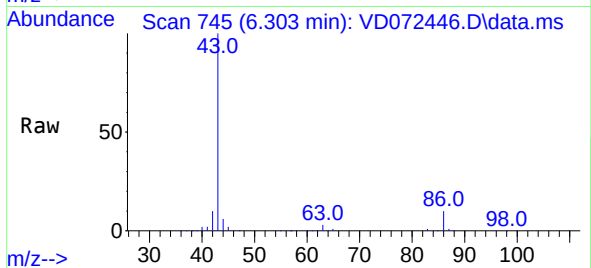
Tgt Ion: 45 Resp: 336723
Ion Ratio Lower Upper
45 100
43 53.9 46.6 70.0
87 26.9 18.4 27.6
59 10.3 8.6 13.0





#23
 Vinyl Acetate
 Concen: 111.881 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072446.D
 Acq: 28 Mar 2022 12:05

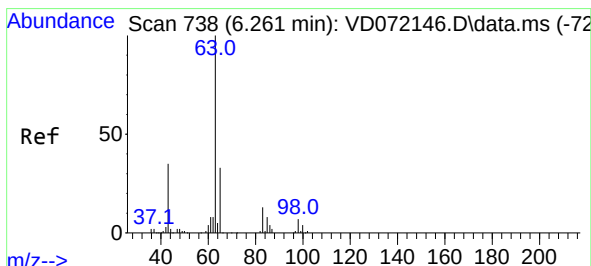
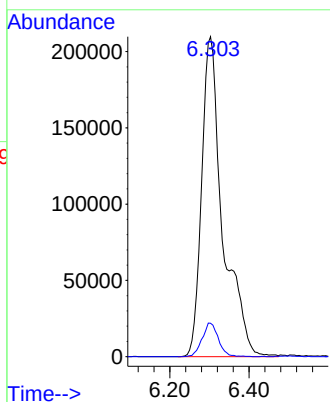
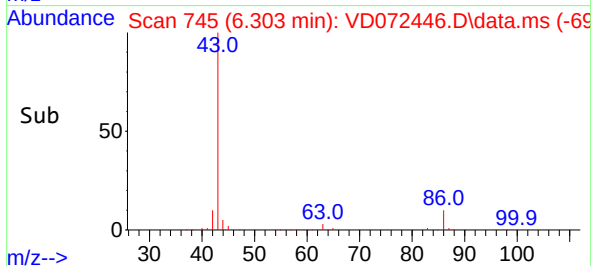
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01



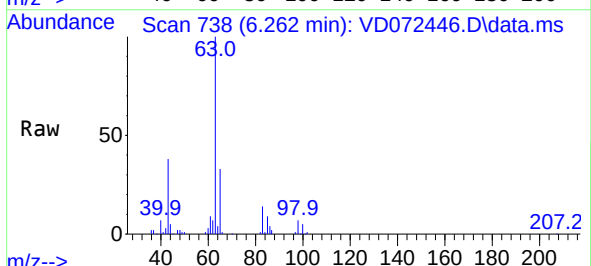
Tgt Ion: 43 Resp: 77475
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

Manual Integrations
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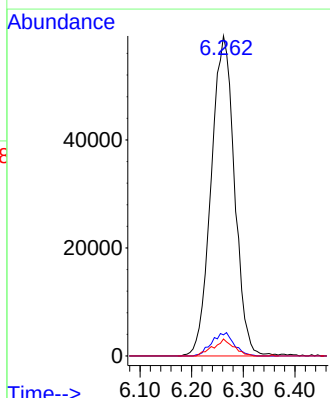
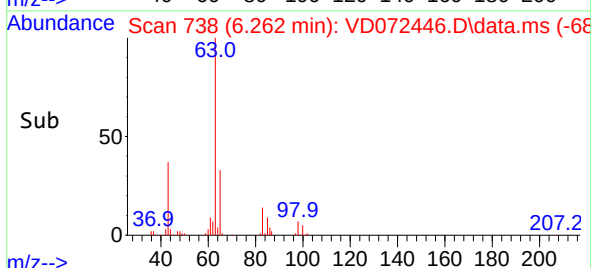
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

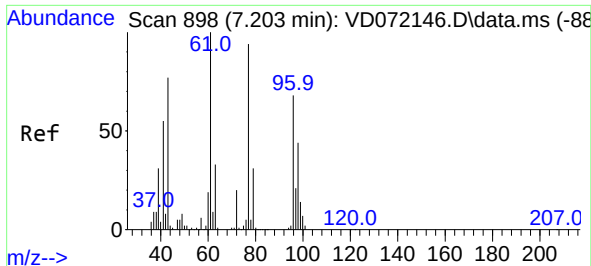


#24
 1,1-Dichloroethane
 Concen: 23.215 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072446.D
 Acq: 28 Mar 2022 12:05



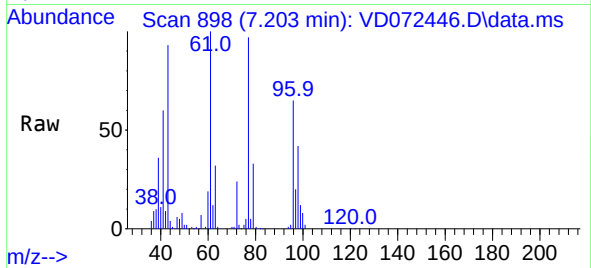
Tgt Ion: 63 Resp: 185775
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 5.3 2.1 6.5





#25
2-Butanone
Concen: 120.433 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

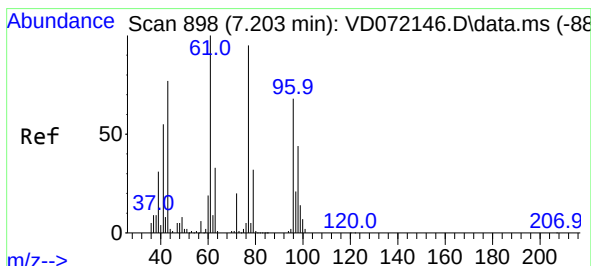
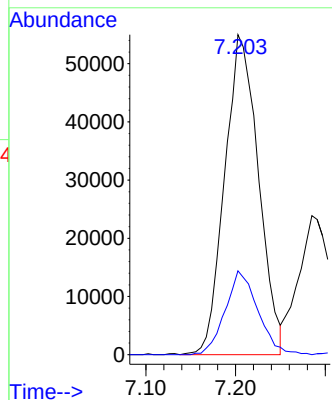
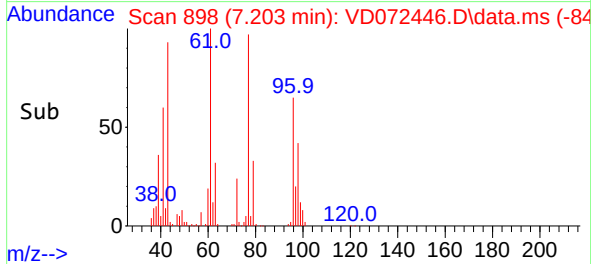
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



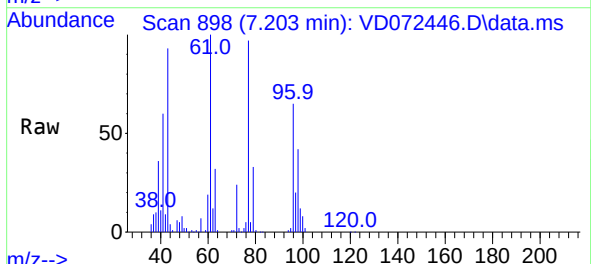
Tgt Ion: 43 Resp: 143839
Ion Ratio Lower Upper
43 100
72 26.2 18.6 27.8

Manual Integrations
APPROVED

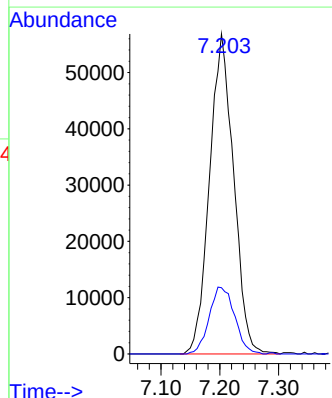
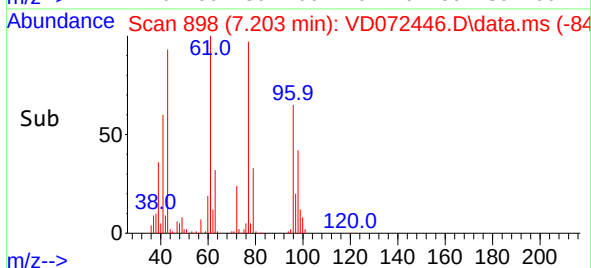
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

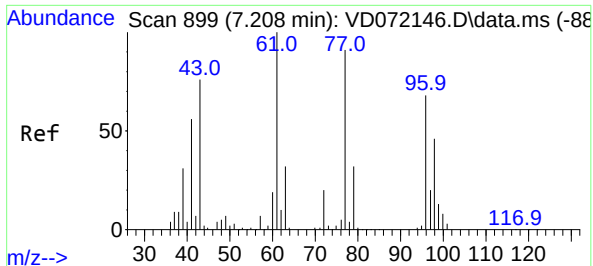


#26
2,2-Dichloropropane
Concen: 22.413 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion: 77 Resp: 161830
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.4





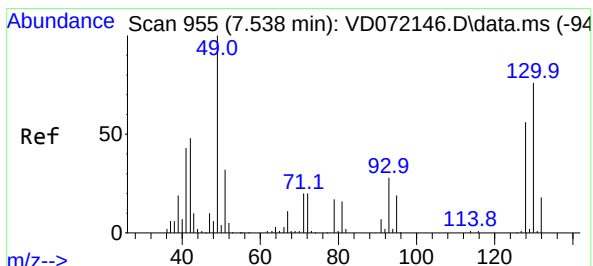
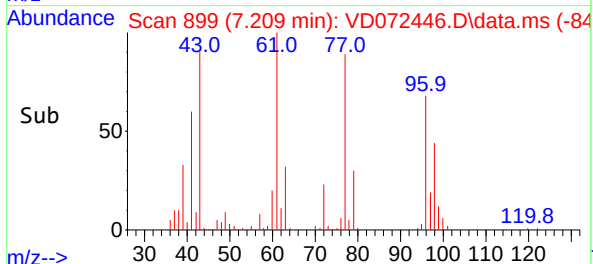
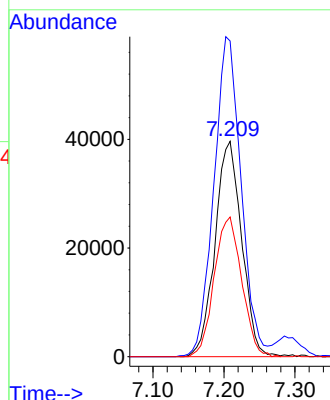
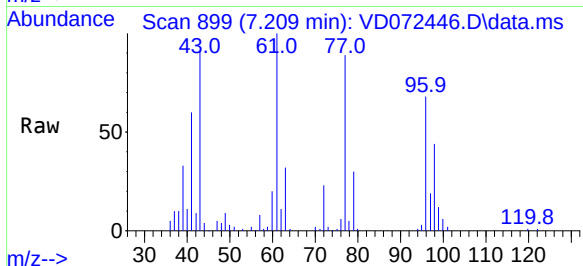
#27
cis-1,2-Dichloroethene
Concen: 21.509 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 96 Resp: 103340
Ion Ratio Lower Upper
96 100
61 151.5 0.0 313.8
98 66.8 0.0 128.8

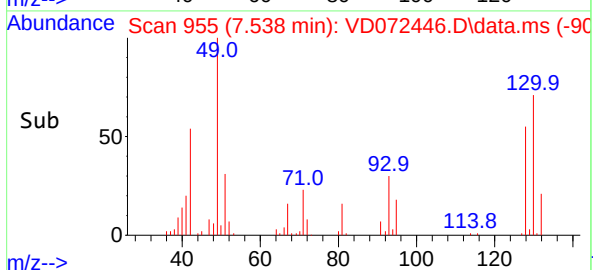
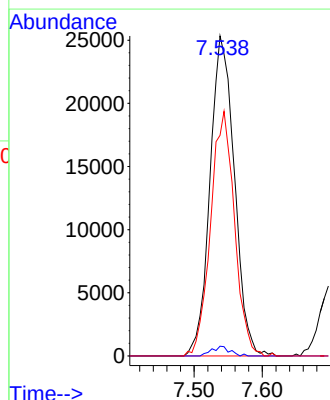
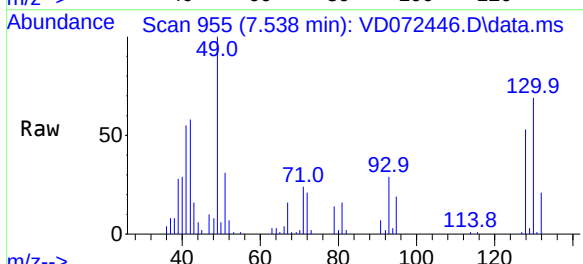
Manual Integrations
APPROVED

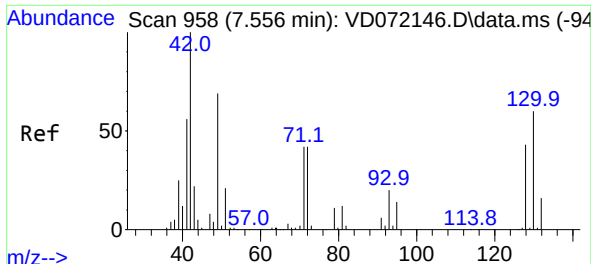
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#28
Bromochloromethane
Concen: 19.597 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Tgt Ion: 49 Resp: 63132
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 74.7 52.6 79.0





#29

Tetrahydrofuran

Concen: 114.969 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 42 Resp: 8074

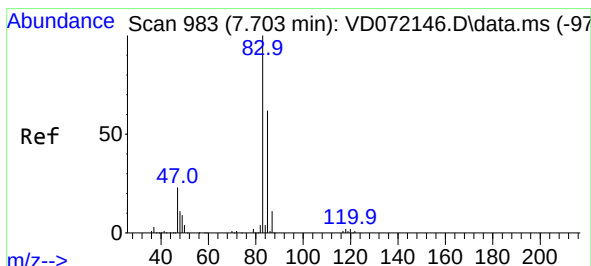
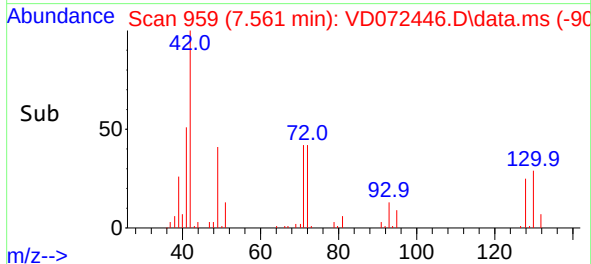
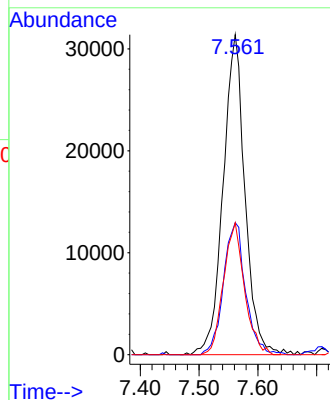
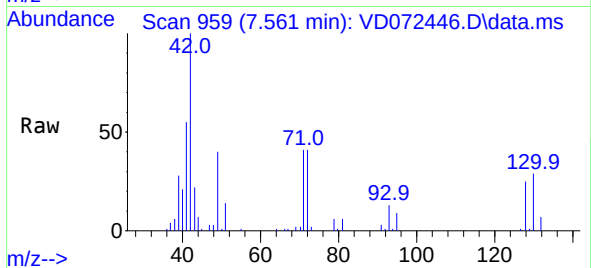
Ion	Ratio	Lower	Upper
42	100		
72	42.0	30.7	46.1
71	39.7	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#30

Chloroform

Concen: 23.195 ug/l

RT: 7.708 min Scan# 984

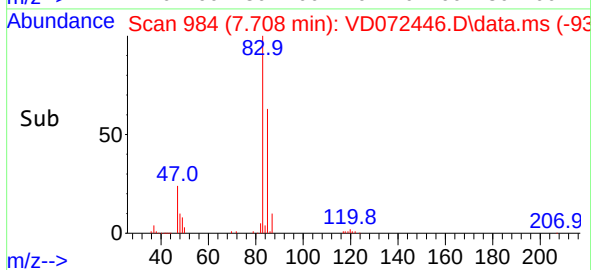
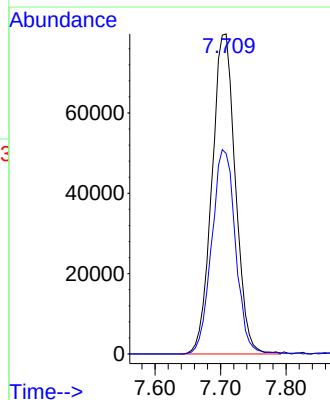
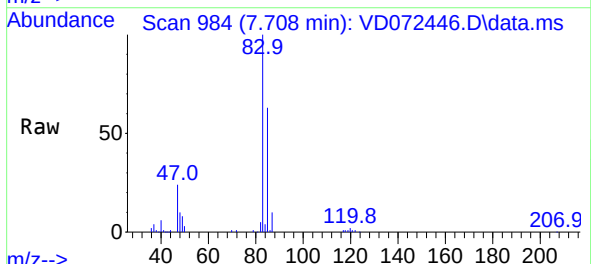
Delta R.T. 0.006 min

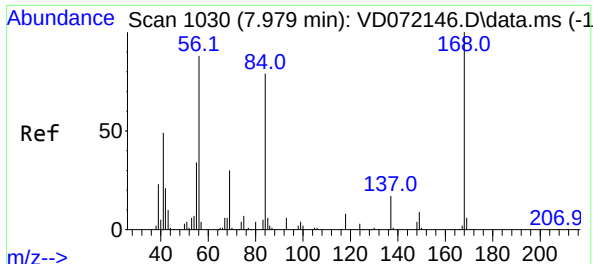
Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Tgt Ion: 83 Resp: 197739

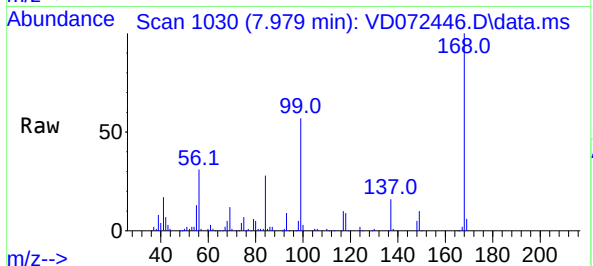
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.7	79.1





#31
Cyclohexane
Concen: 18.680 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

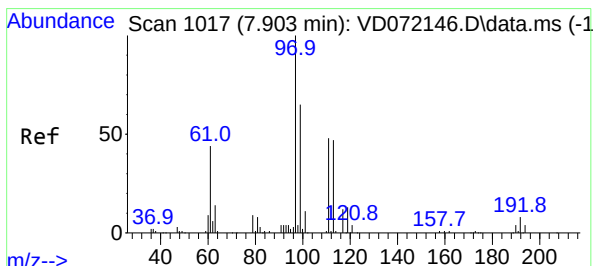
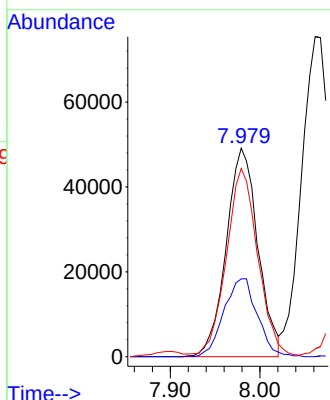
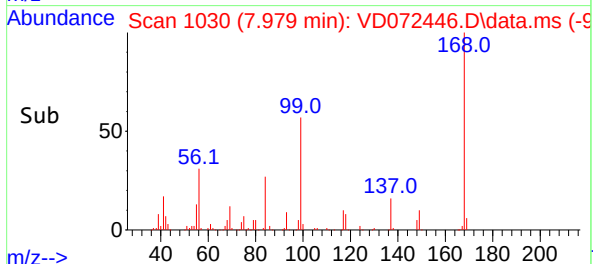
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



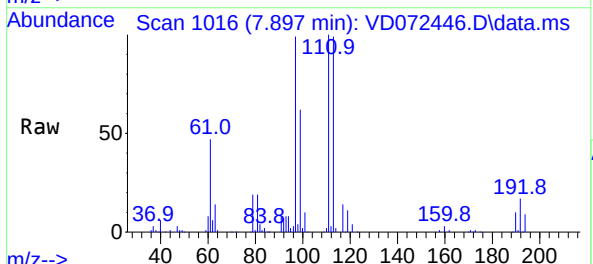
Tgt Ion: 56 Resp: 120409
Ion Ratio Lower Upper
56 100
69 37.3 25.4 38.2
84 88.1 63.0 94.4

Manual Integrations
APPROVED

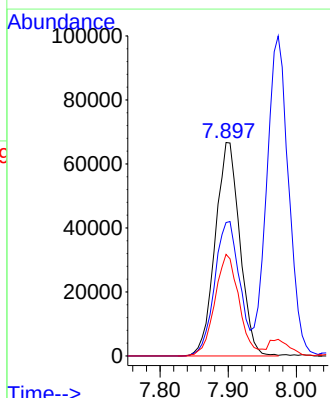
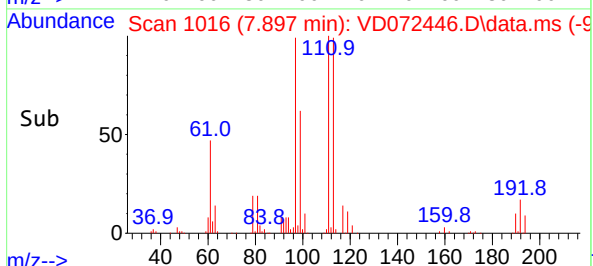
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

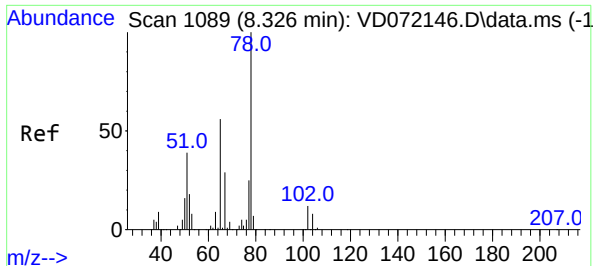


#32
1,1,1-Trichloroethane
Concen: 22.080 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion: 97 Resp: 167183
Ion Ratio Lower Upper
97 100
99 63.9 52.4 78.6
61 46.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 52.724 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 65 Resp: 21752

Ion Ratio Lower Upper

65 100

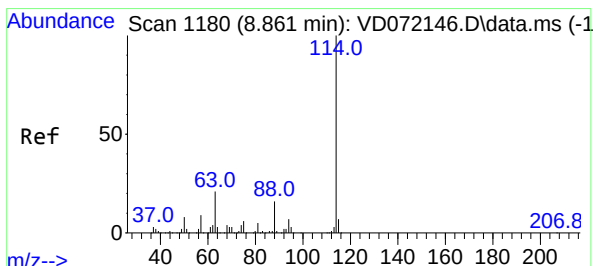
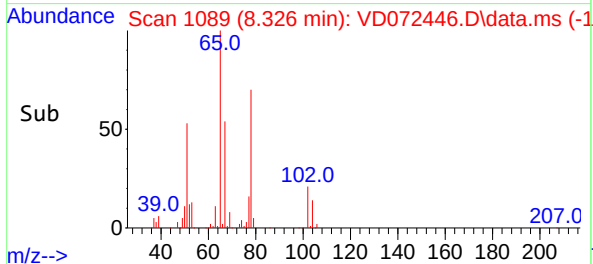
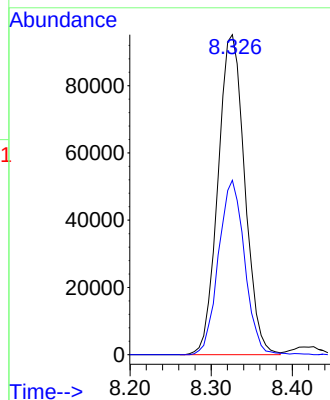
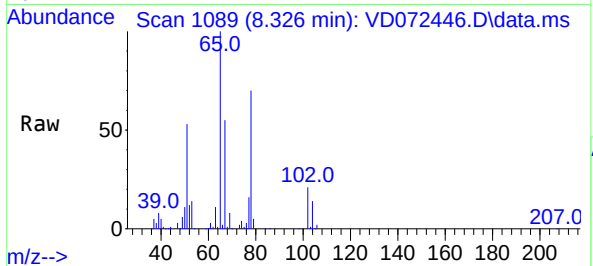
67 53.2 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

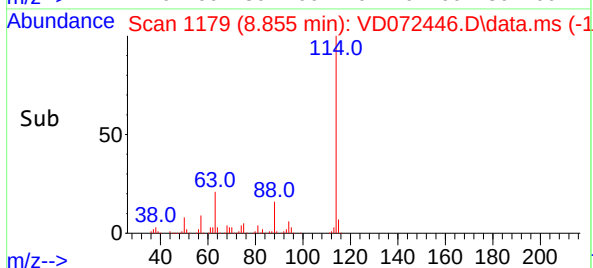
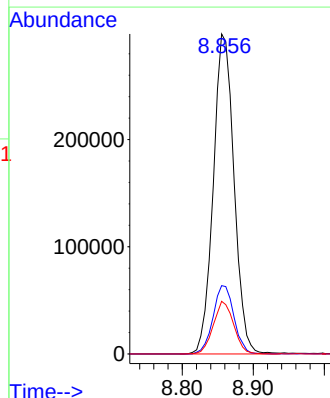
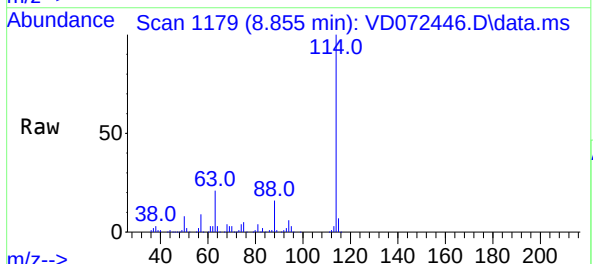
Tgt Ion:114 Resp: 604973

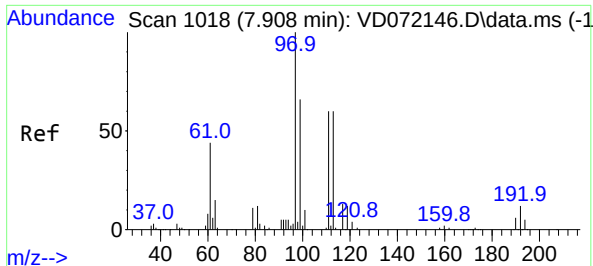
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

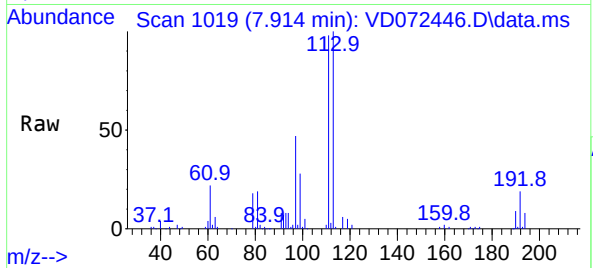
88 16.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.231 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

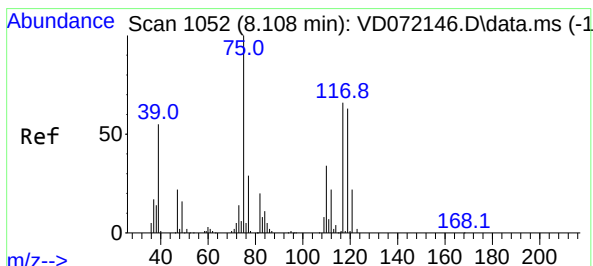
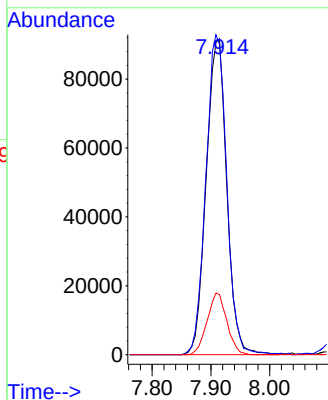
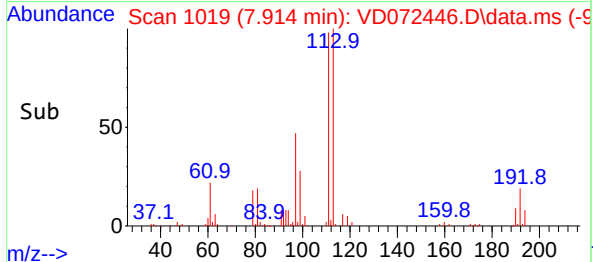
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



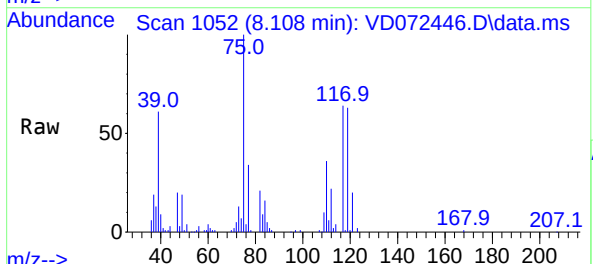
Tgt Ion: 113 Resp: 222358
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.7 14.6 21.8

Manual Integrations
APPROVED

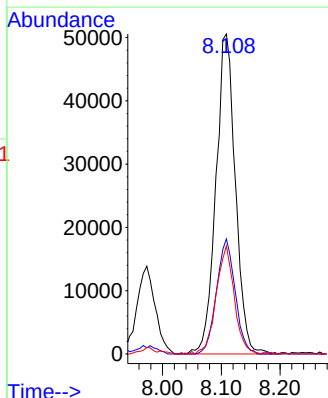
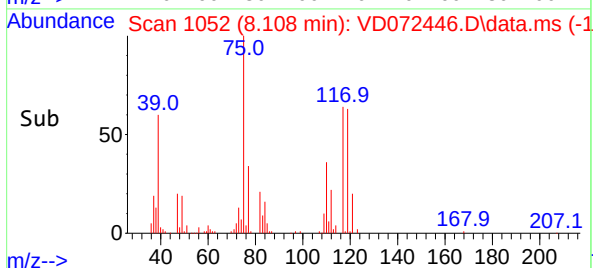
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

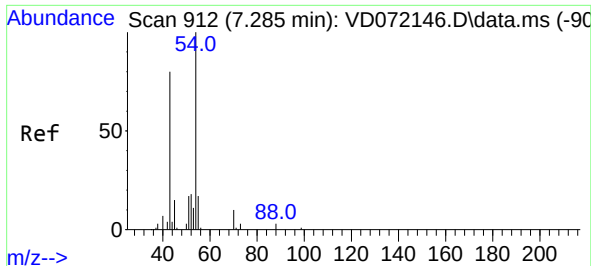


#36
1,1-Dichloropropene
Concen: 19.489 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



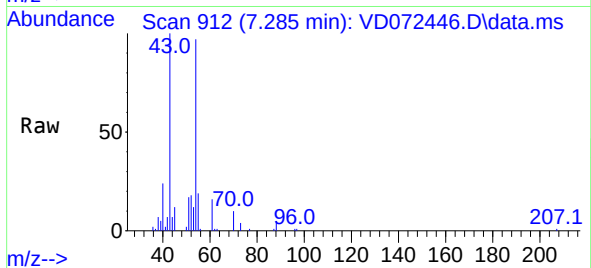
Tgt Ion: 75 Resp: 116395
Ion Ratio Lower Upper
75 100
110 34.4 16.4 49.1
77 31.4 24.2 36.2





#37
Ethyl Acetate
Concen: 23.597 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

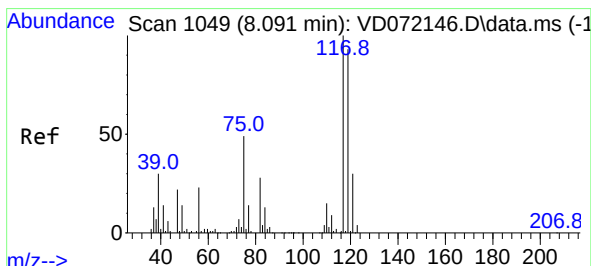
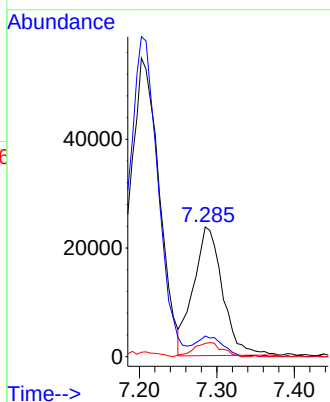
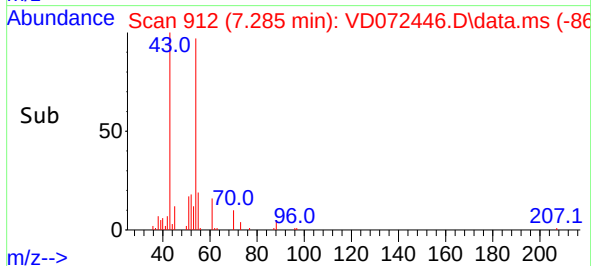
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



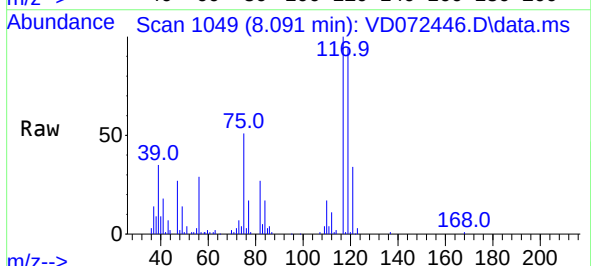
Tgt Ion: 43 Resp: 61734
Ion Ratio Lower Upper
43 100
61 14.0 9.8 14.8
70 10.6 6.9 10.3

Manual Integrations
APPROVED

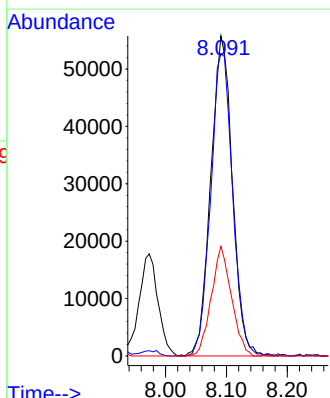
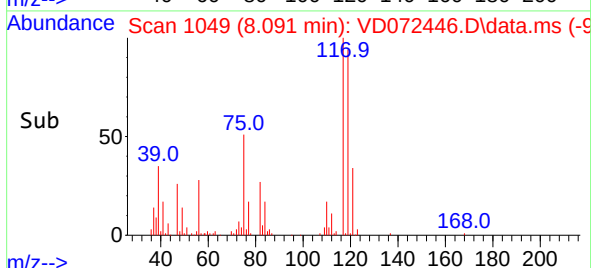
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

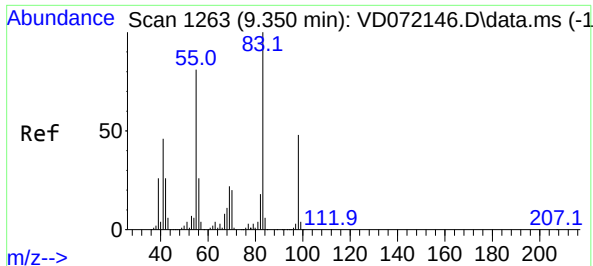


#38
Carbon Tetrachloride
Concen: 20.228 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion:117 Resp: 137322
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
121 34.2 24.5 36.7





#39

Methylcyclohexane

Concen: 17.771 ug/l

RT: 9.350 min Scan# 11943

Delta R.T. 0.000 min

Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 83 Resp: 11943

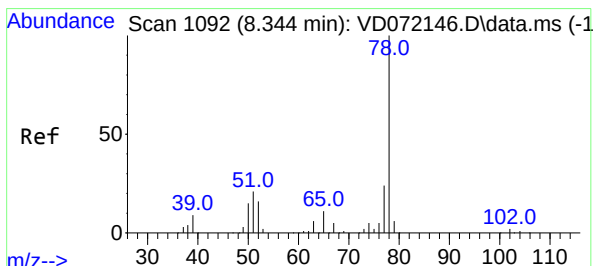
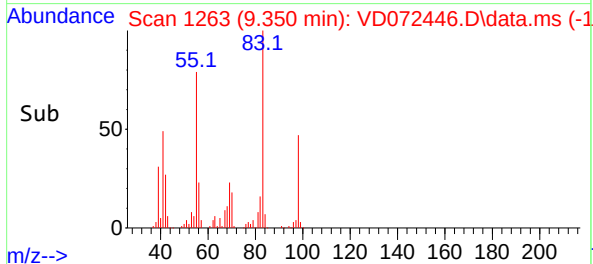
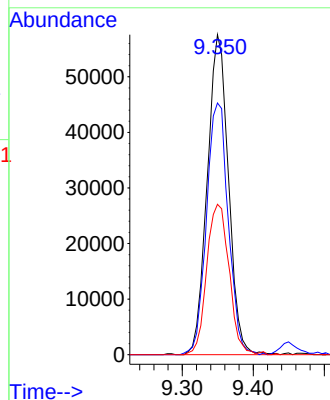
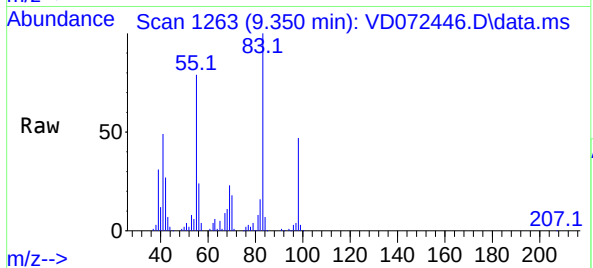
Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.2	94.8
98	47.0	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#40

Benzene

Concen: 20.718 ug/l

RT: 8.344 min Scan# 1092

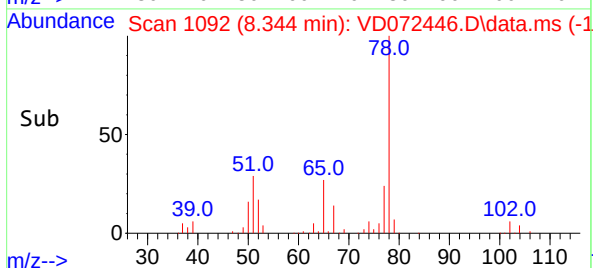
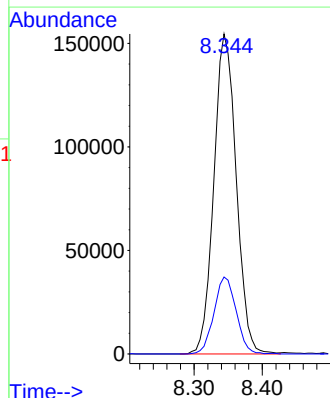
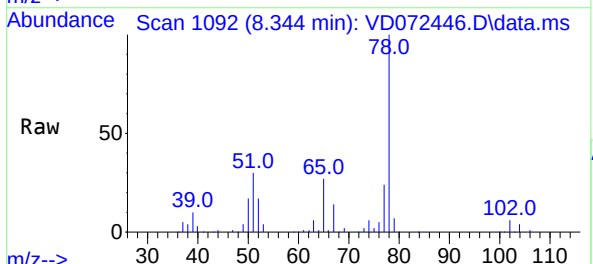
Delta R.T. 0.000 min

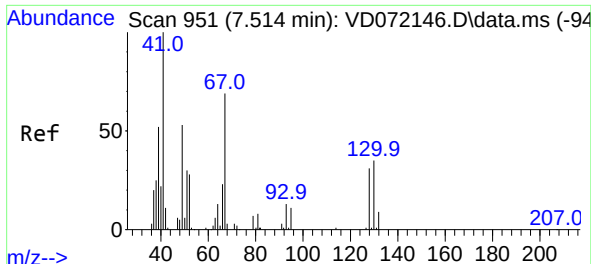
Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Tgt Ion: 78 Resp: 353008

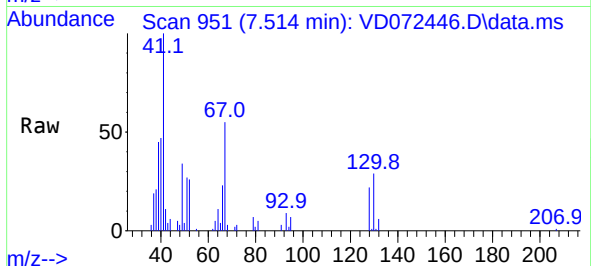
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





#41
Methacrylonitrile
Concen: 25.285 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

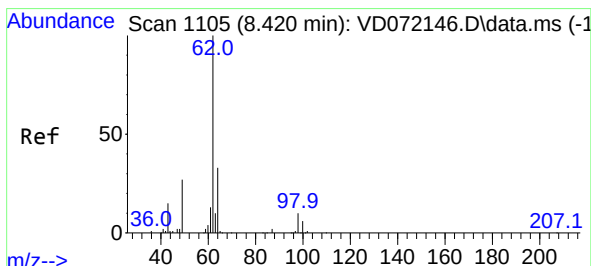
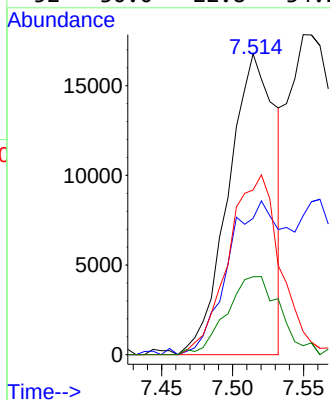
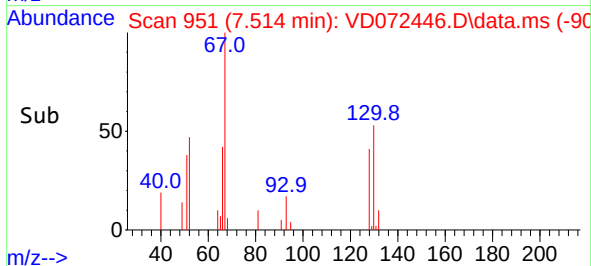
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



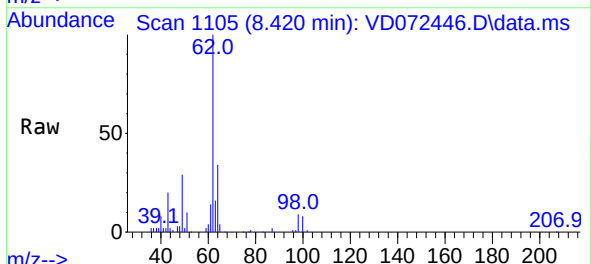
Tgt Ion: 41 Resp: 38550
Ion Ratio Lower Upper
41 100
39 65.6 44.6 67.0
67 67.3 48.2 72.4
52 30.0 22.8 34.2

Manual Integrations
APPROVED

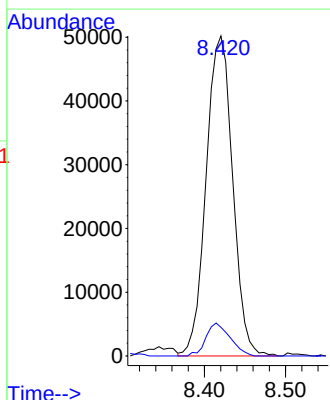
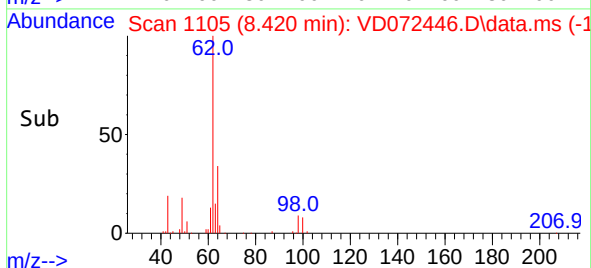
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

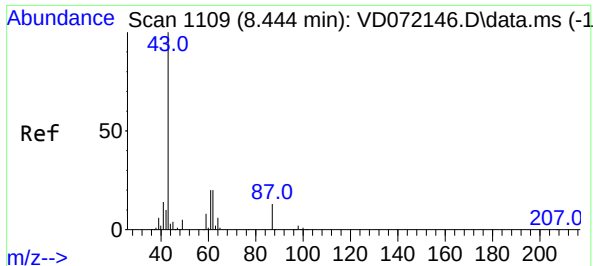


#42
1,2-Dichloroethane
Concen: 22.078 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



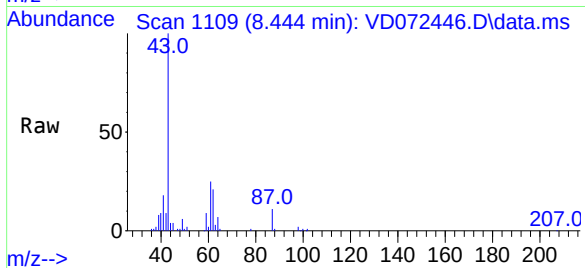
Tgt Ion: 62 Resp: 114111
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 23.600 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

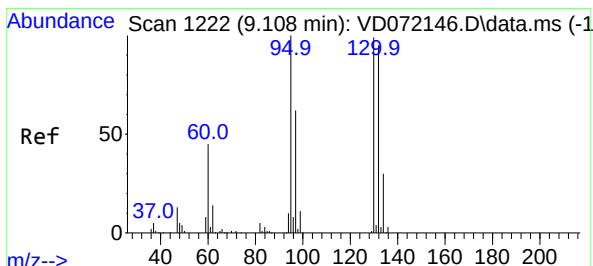
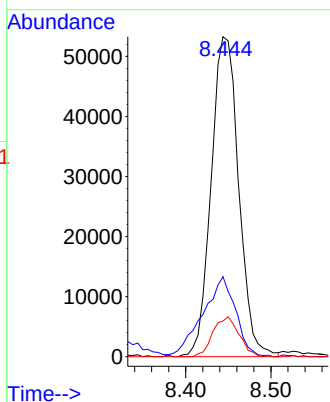
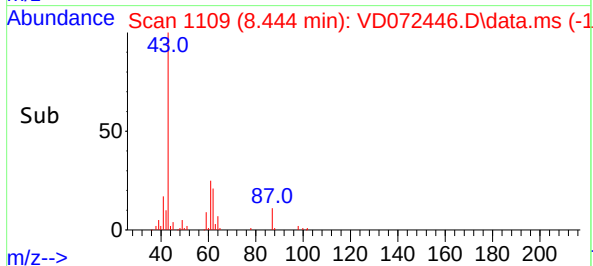
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion: 43 Resp: 119834
Ion Ratio Lower Upper
43 100
61 29.9 22.4 33.6
87 11.8 8.7 13.1

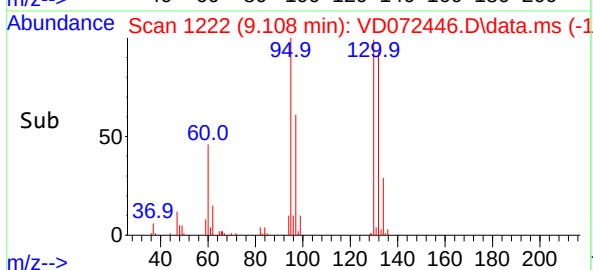
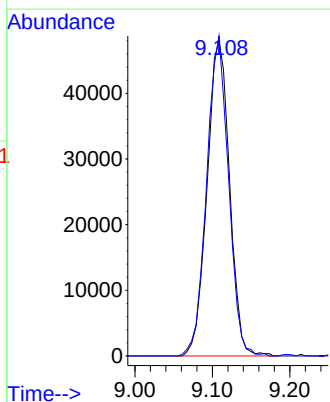
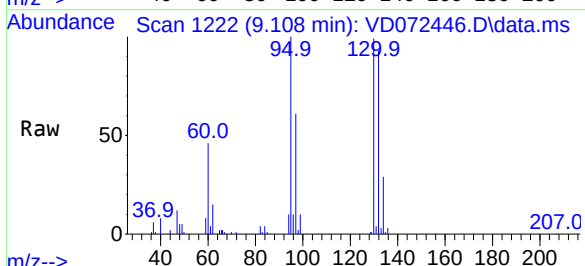
Manual Integrations
APPROVED

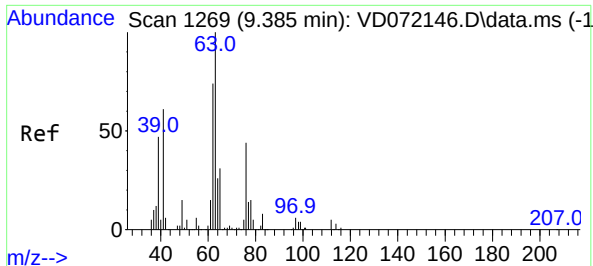
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#44
Trichloroethene
Concen: 20.258 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

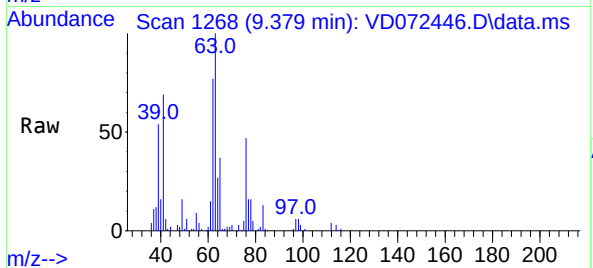
Tgt Ion:130 Resp: 96899
Ion Ratio Lower Upper
130 100
95 101.3 0.0 205.4





#45
1,2-Dichloropropane
Concen: 22.373 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

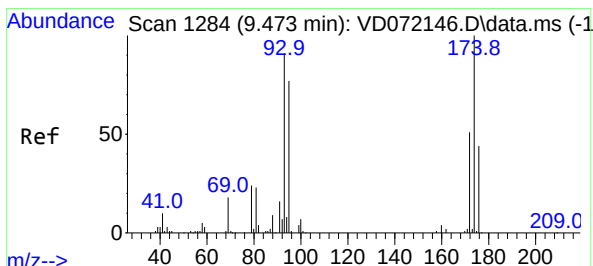
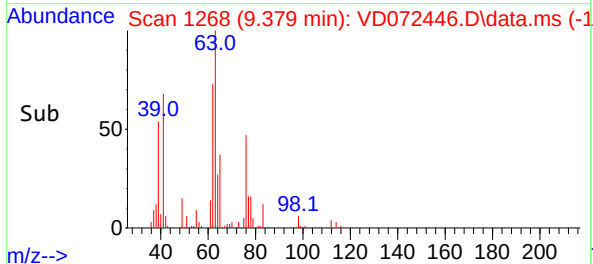
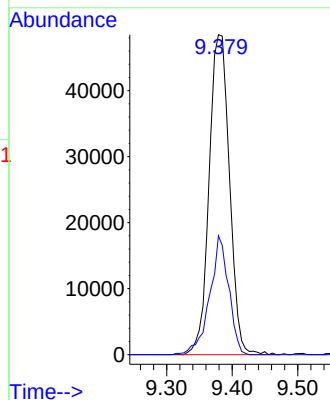
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion: 63 Resp: 10454
Ion Ratio Lower Upper
63 100
65 37.1 26.2 39.4

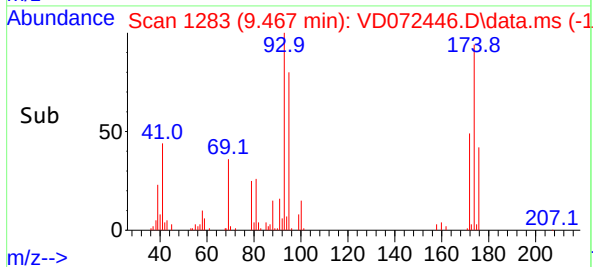
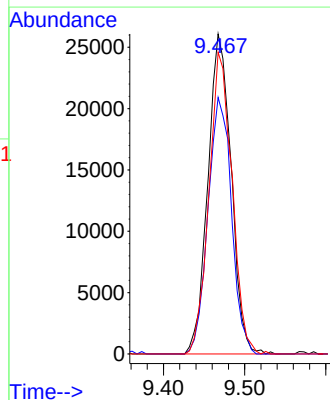
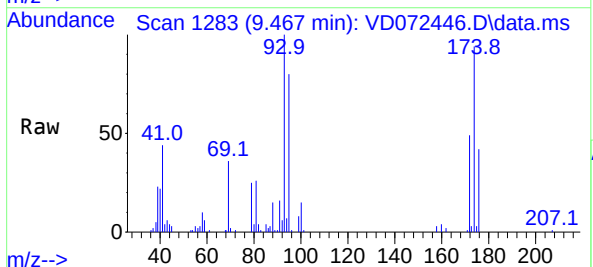
Manual Integrations
APPROVED

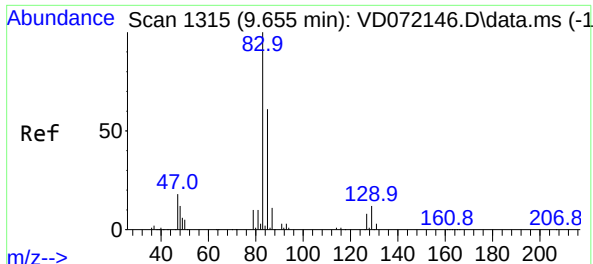
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#46
Dibromomethane
Concen: 22.590 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

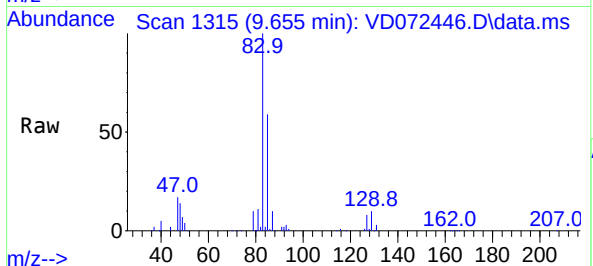
Tgt Ion: 93 Resp: 51926
Ion Ratio Lower Upper
93 100
95 80.9 66.7 100.1
174 93.4 71.6 107.4





#47
Bromodichloromethane
Concen: 23.487 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

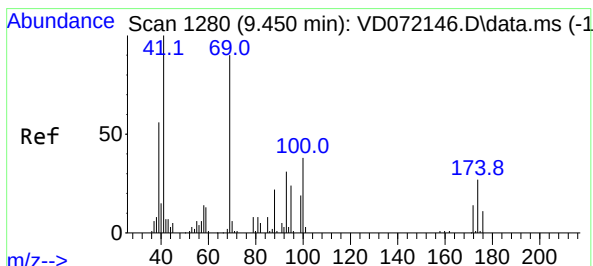
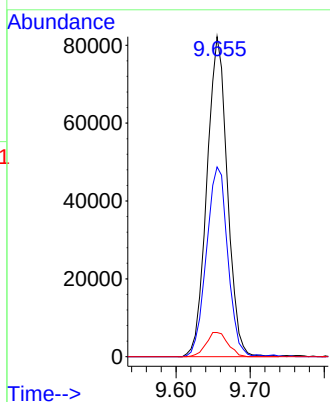
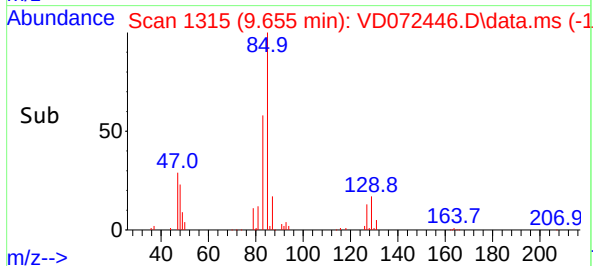
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



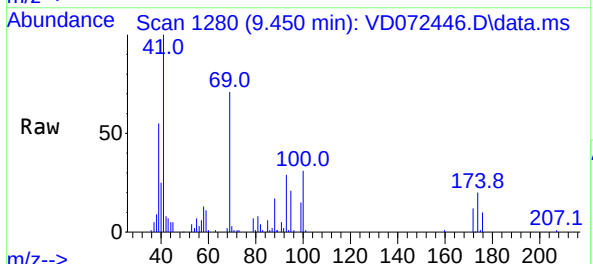
Tgt Ion: 83 Resp: 157385
Ion Ratio Lower Upper
83 100
85 59.3 51.4 77.0
127 7.6 6.1 9.1

Manual Integrations
APPROVED

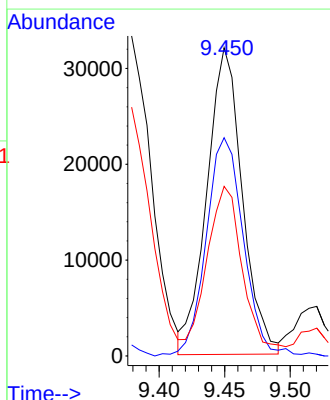
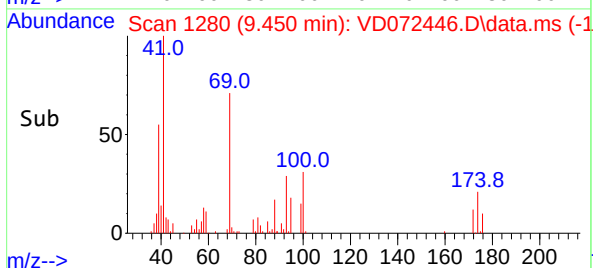
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

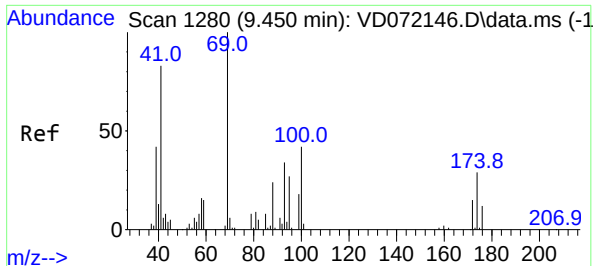


#48
Methyl methacrylate
Concen: 24.804 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



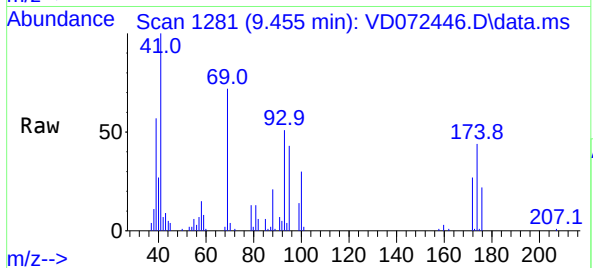
Tgt Ion: 41 Resp: 60139
Ion Ratio Lower Upper
41 100
69 74.8 56.7 85.1
39 57.3 42.7 64.1





#49
1,4-Dioxane
Concen: 434.842 ug/l
RT: 9.455 min Scan# 1198
Delta R.T. 0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

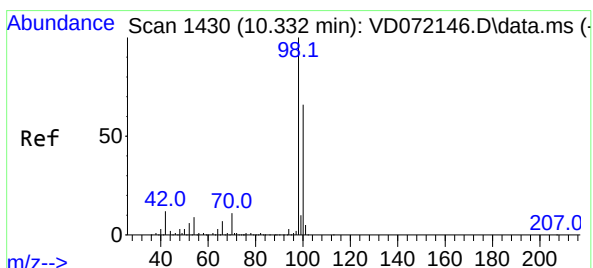
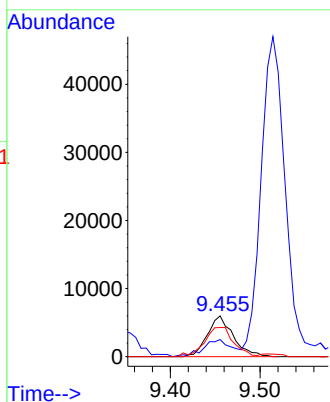
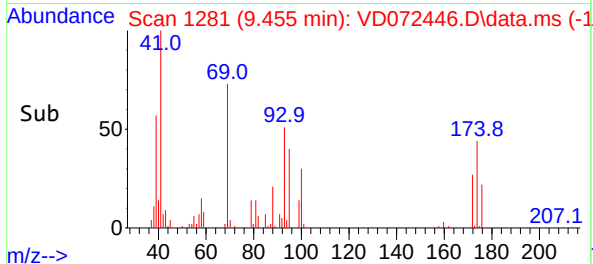
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion: 88 Resp: 1198
Ion Ratio Lower Upper
88 100
43 46.4 31.0 46.4
58 80.9 58.1 87.1

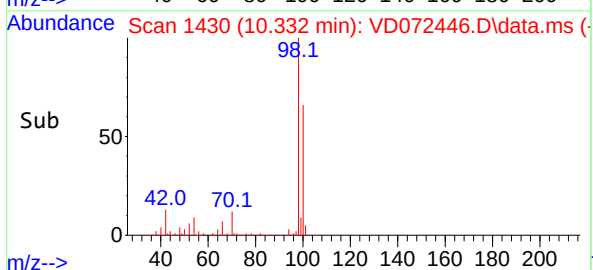
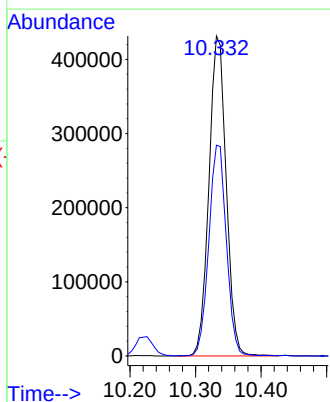
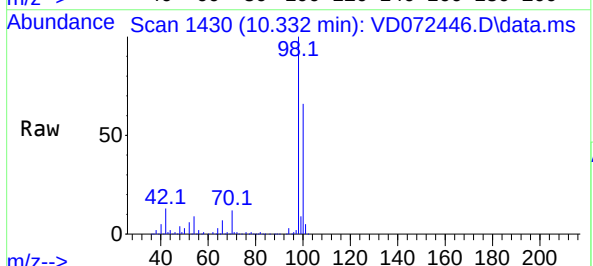
Manual Integrations
APPROVED

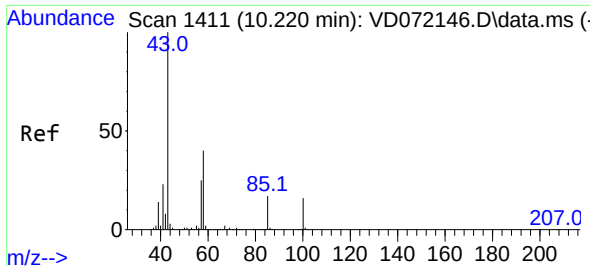
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#50
Toluene-d8
Concen: 50.697 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

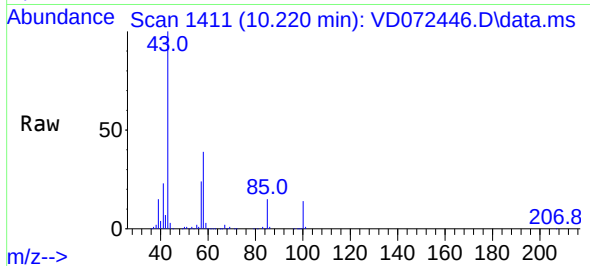
Tgt Ion: 98 Resp: 789176
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 119.119 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

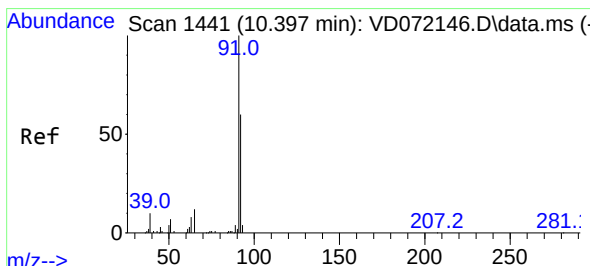
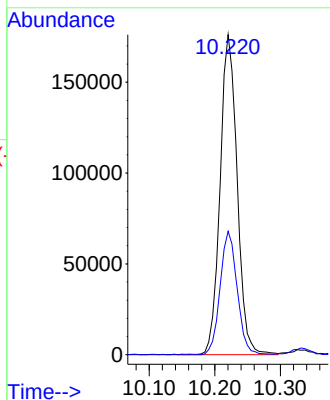
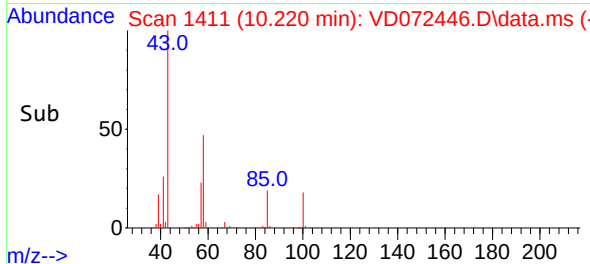
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



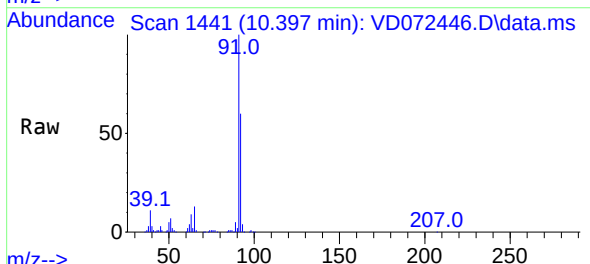
Tgt Ion: 43 Resp: 317689
Ion Ratio Lower Upper
43 100
58 38.5 28.6 43.0

Manual Integrations
APPROVED

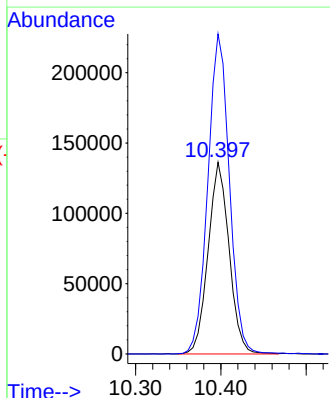
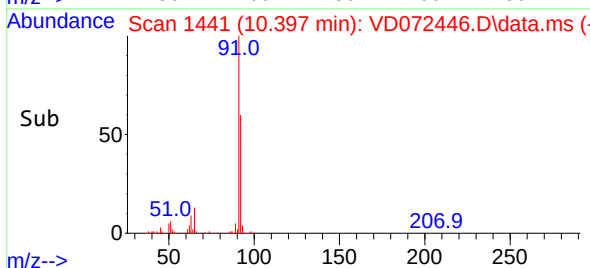
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

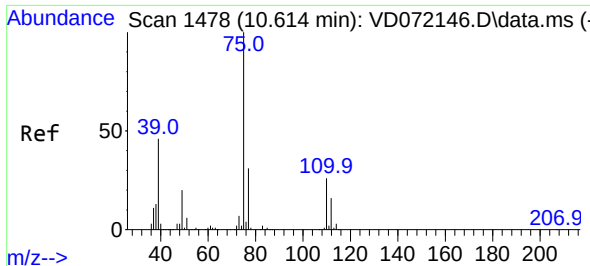


#52
Toluene
Concen: 20.797 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion: 92 Resp: 233174
Ion Ratio Lower Upper
92 100
91 171.6 139.6 209.4





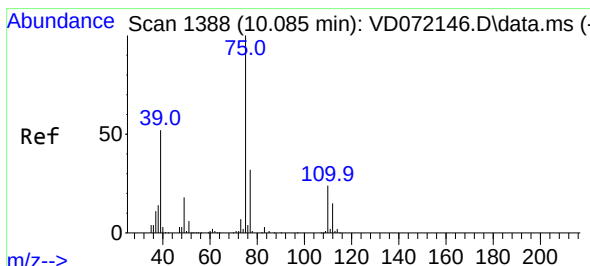
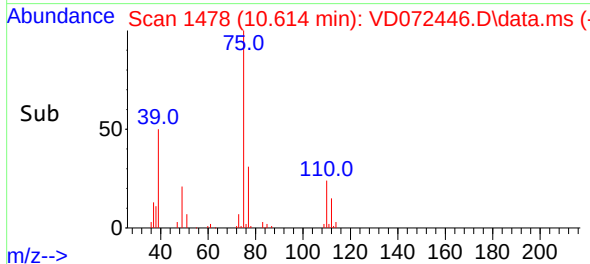
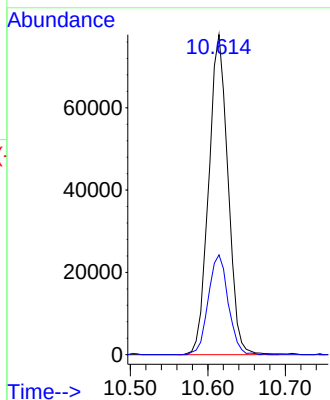
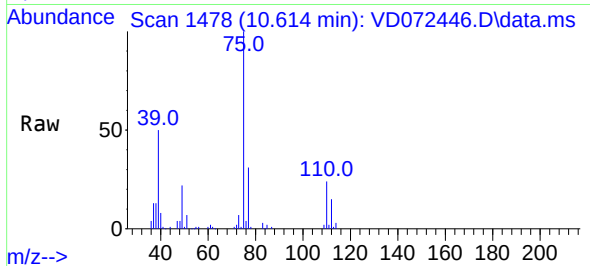
#53
t-1,3-Dichloropropene
Concen: 21.924 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 75 Resp: 13422
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7

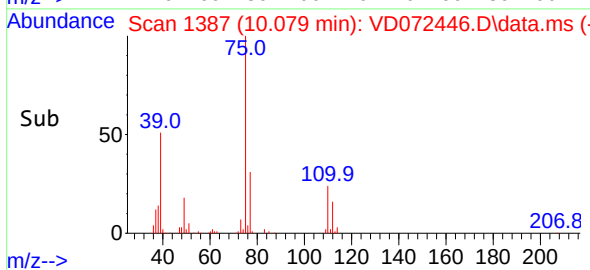
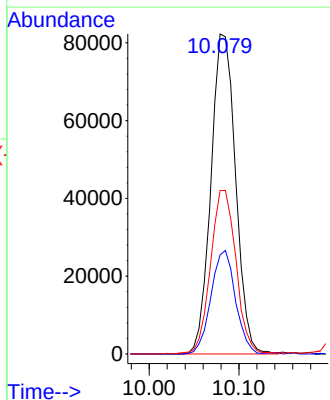
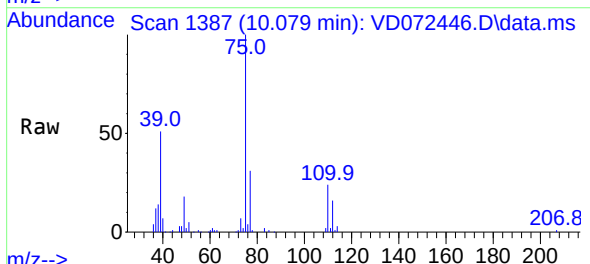
Manual Integrations
APPROVED

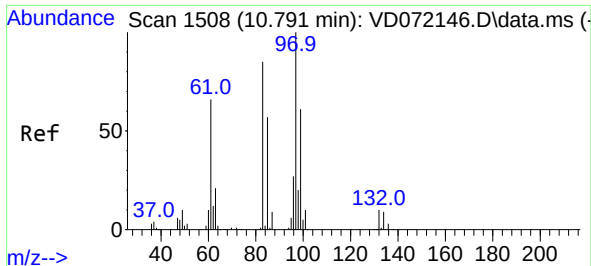
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#54
cis-1,3-Dichloropropene
Concen: 22.176 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

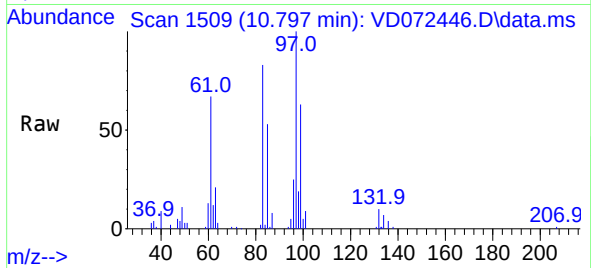
Tgt Ion: 75 Resp: 156946
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 50.8 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 22.903 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

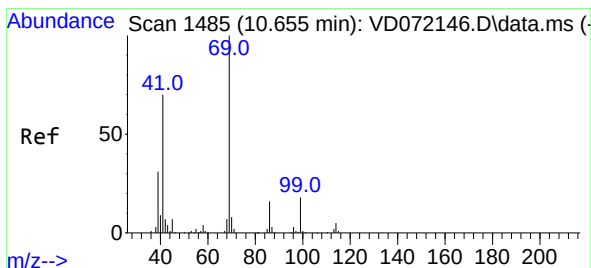
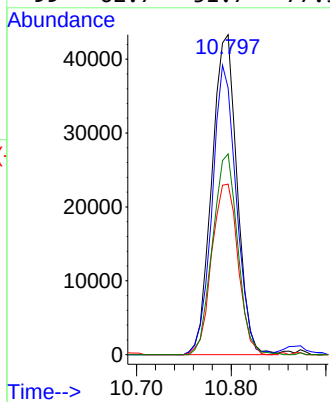
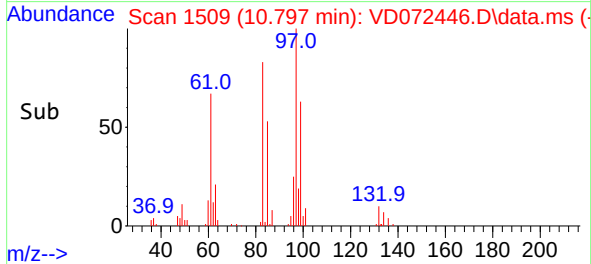
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



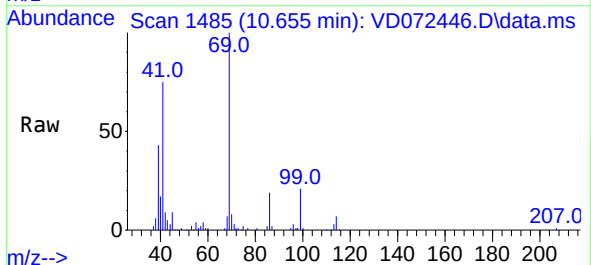
Tgt Ion: 97 Resp: 80190
Ion Ratio Lower Upper
97 100
83 83.4 69.0 103.4
85 53.3 42.6 63.8
99 62.7 51.7 77.5

Manual Integrations
APPROVED

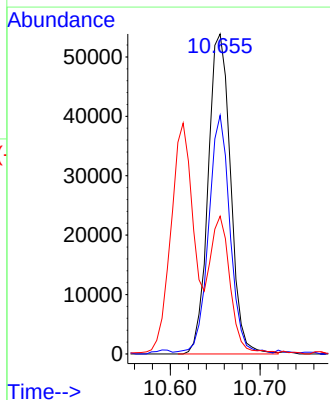
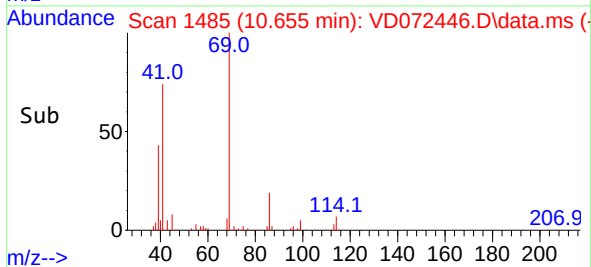
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

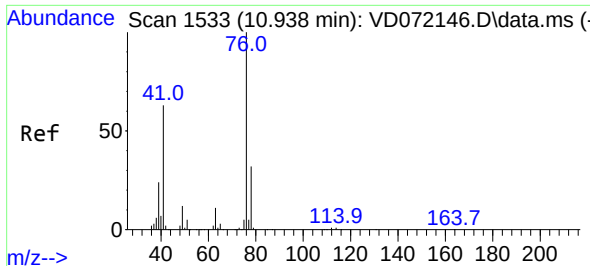


#56
Ethyl methacrylate
Concen: 22.764 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion: 69 Resp: 93361
Ion Ratio Lower Upper
69 100
41 70.7 63.0 94.6
39 37.2 33.8 50.8





#57

1,3-Dichloropropane

Concen: 22.861 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion: 76 Resp: 134350

Ion Ratio Lower Upper

76 100

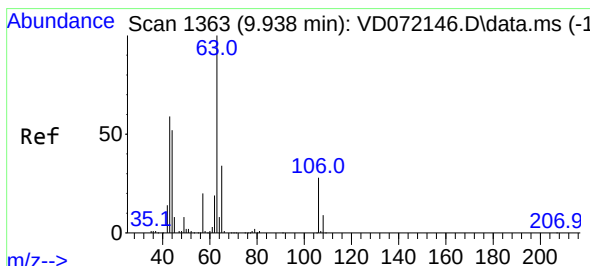
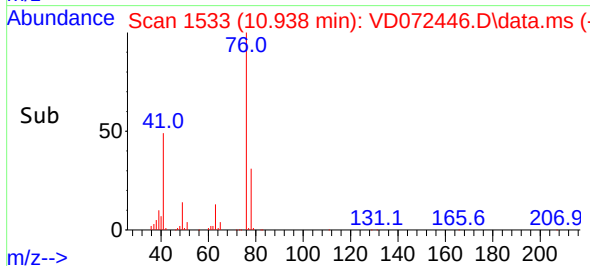
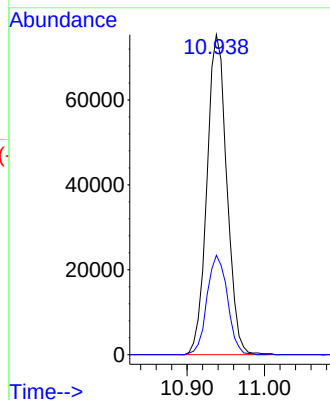
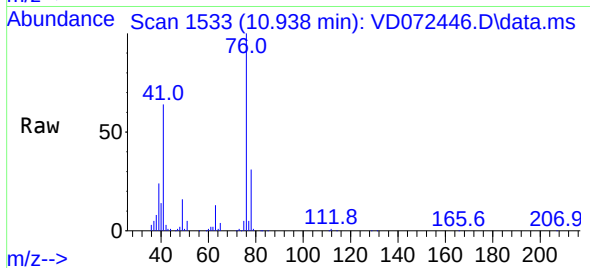
78 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 95.988 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072446.D

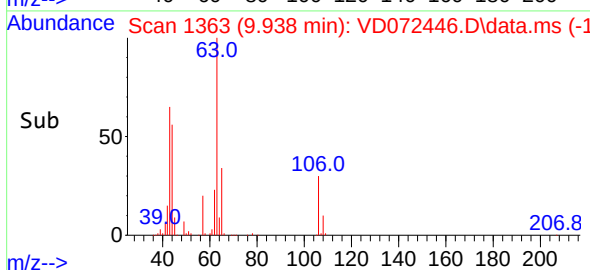
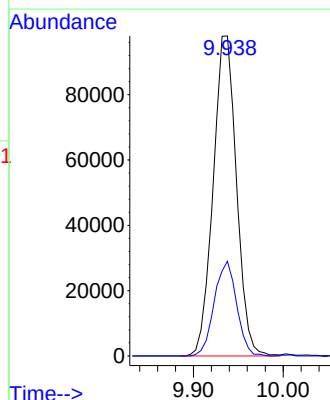
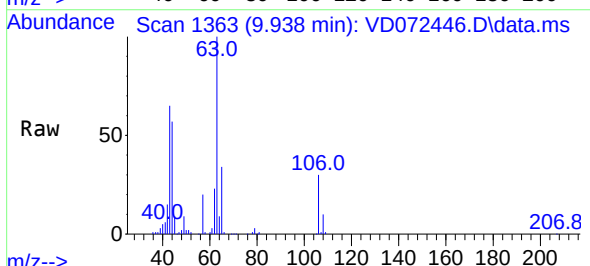
Acq: 28 Mar 2022 12:05

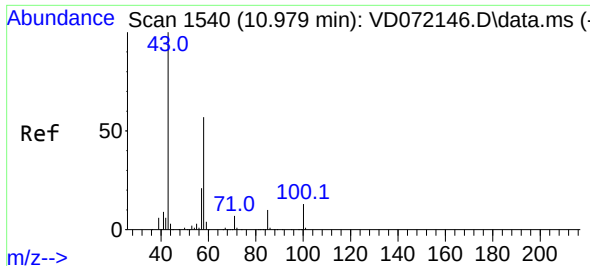
Tgt Ion: 63 Resp: 177009

Ion Ratio Lower Upper

63 100

106 28.3 21.4 32.0





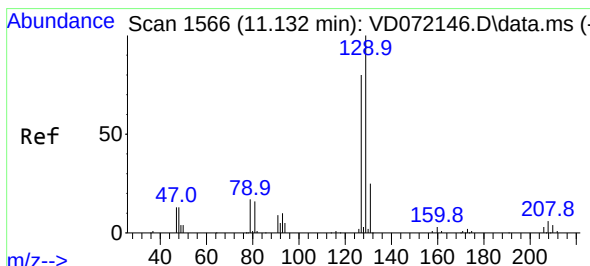
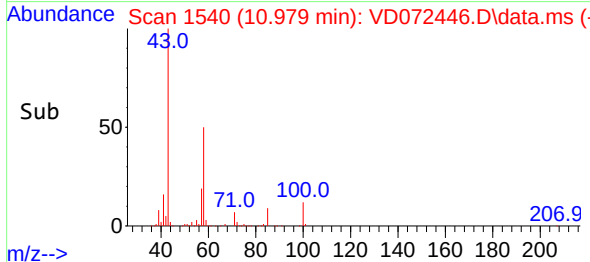
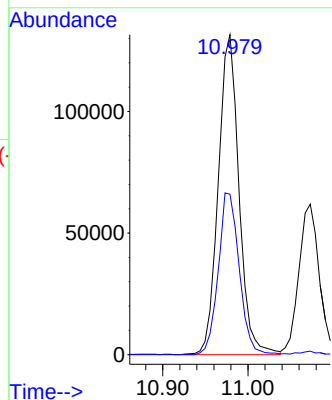
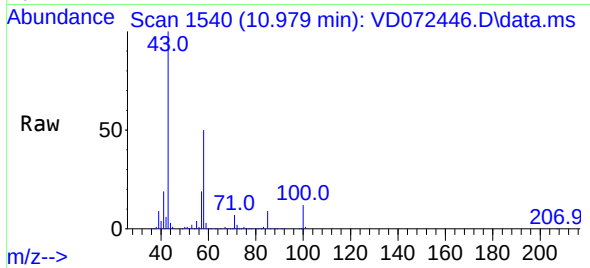
#59
2-Hexanone
Concen: 120.684 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 43 Resp: 222300
Ion Ratio Lower Upper
43 100
58 51.2 25.3 75.9

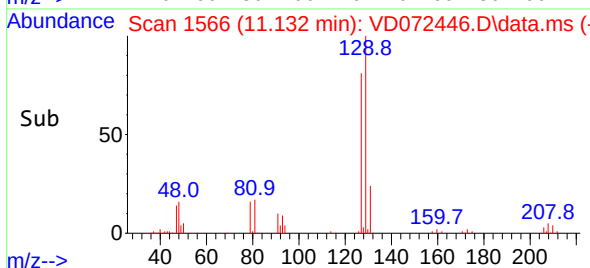
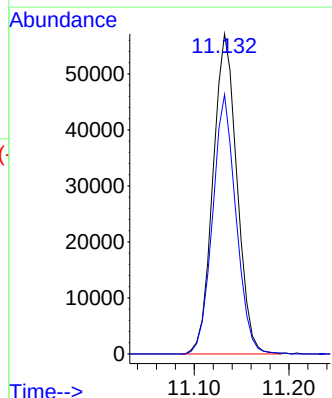
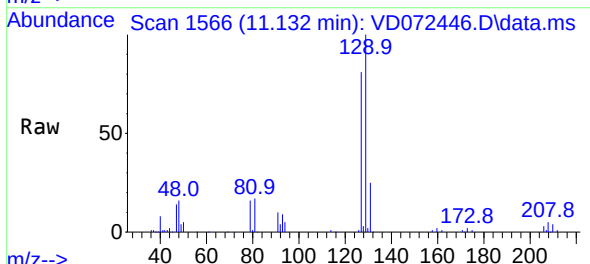
Manual Integrations
APPROVED

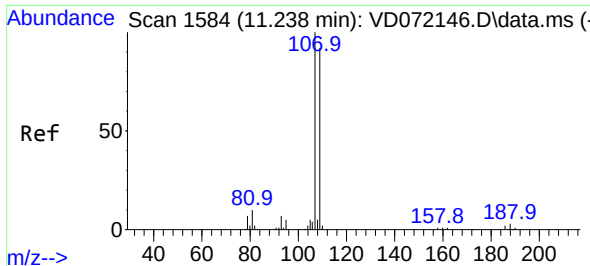
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#60
Dibromochloromethane
Concen: 22.127 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

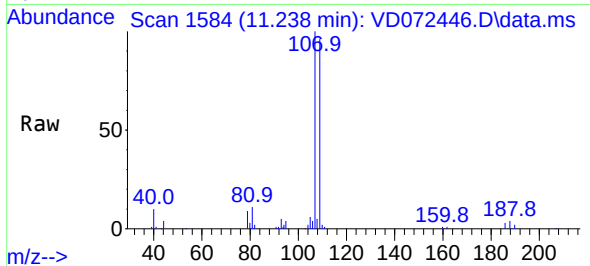
Tgt Ion:129 Resp: 100538
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 21.172 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

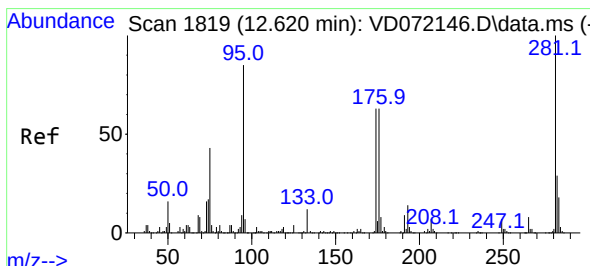
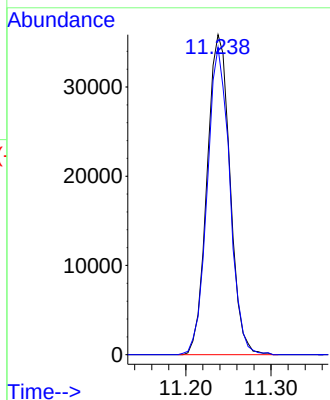
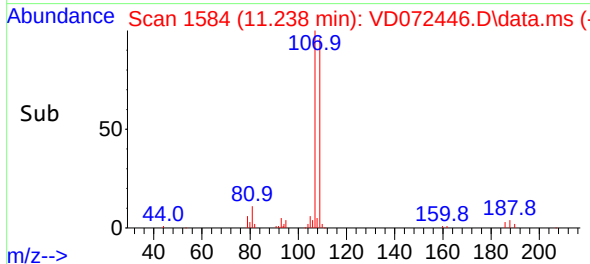
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



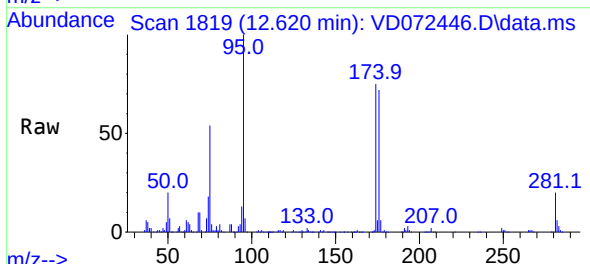
Tgt Ion:107 Resp: 66990
Ion Ratio Lower Upper
107 100
109 94.2 74.2 111.4

Manual Integrations
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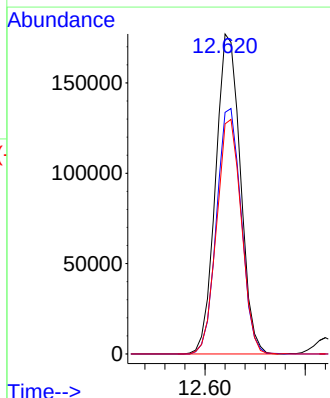
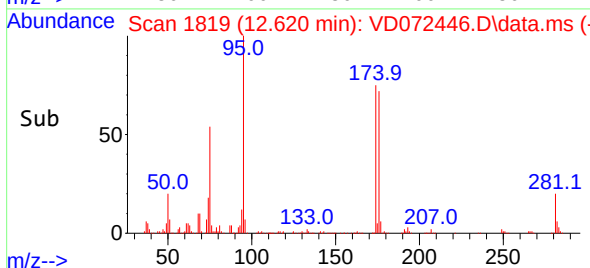
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

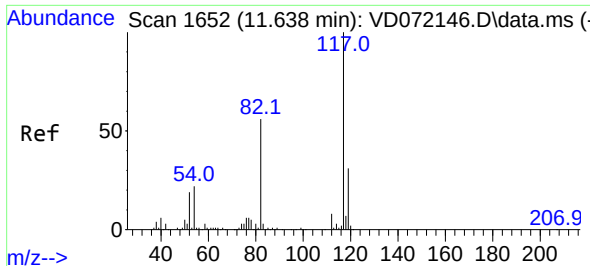


#62
4-Bromofluorobenzene
Concen: 50.064 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



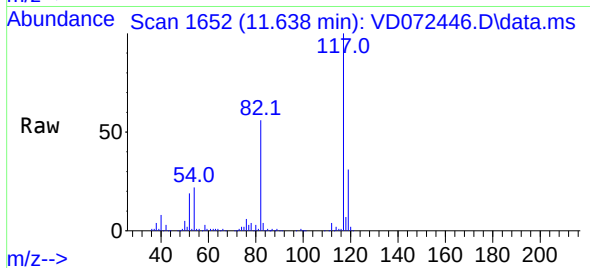
Tgt Ion: 95 Resp: 302812
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.2 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

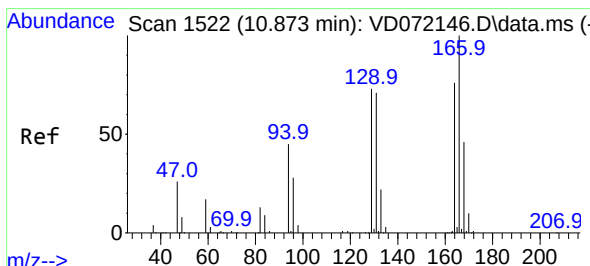
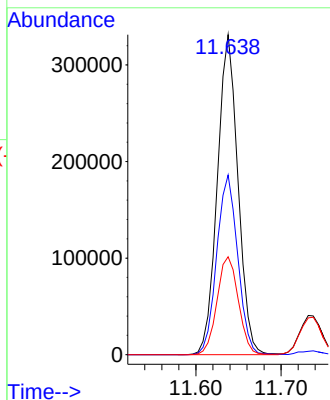
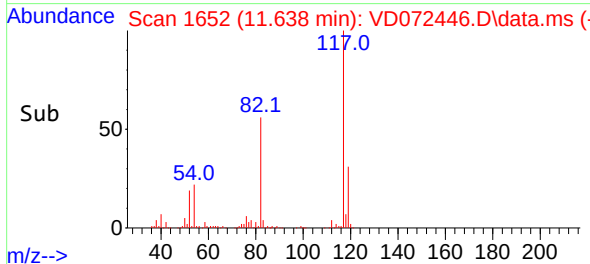
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



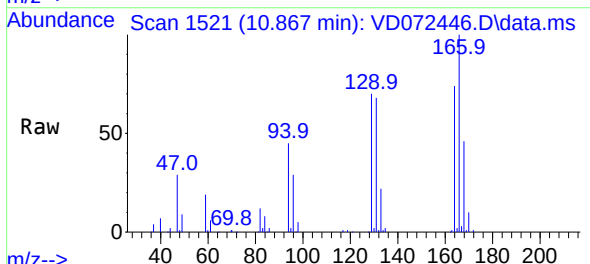
Tgt Ion:117 Resp: 558480
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 30.6 26.6 40.0

Manual Integrations
APPROVED

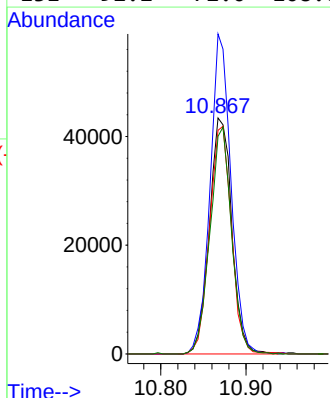
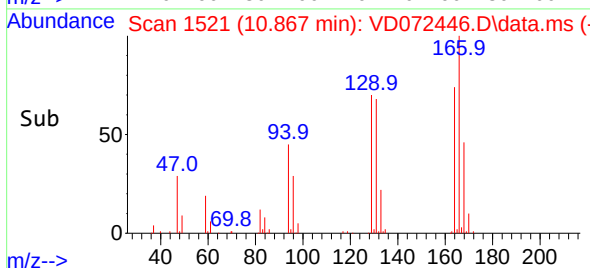
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

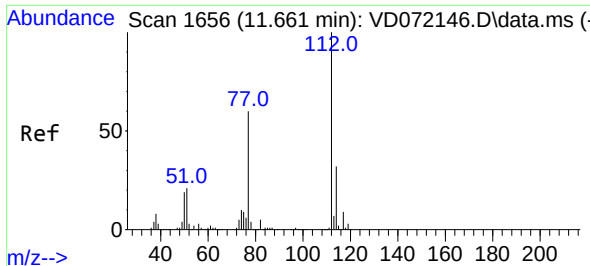


#64
Tetrachloroethene
Concen: 20.205 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion:164 Resp: 79504
Ion Ratio Lower Upper
164 100
166 135.6 98.5 147.7
129 94.7 74.6 111.8
131 92.2 72.0 108.0





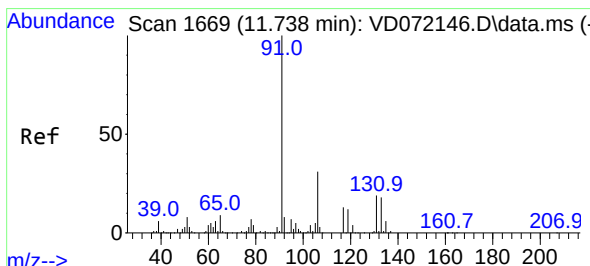
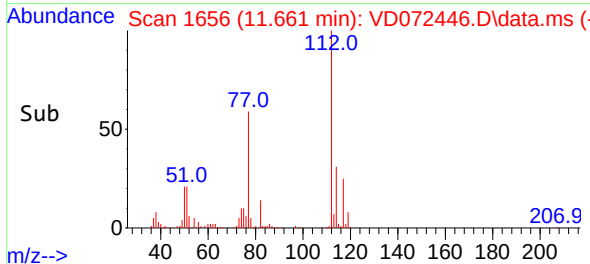
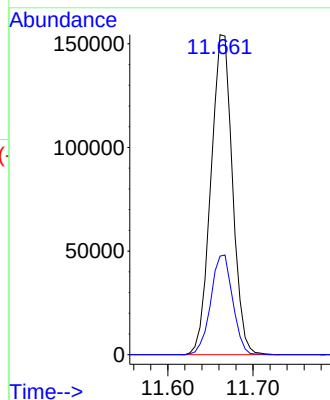
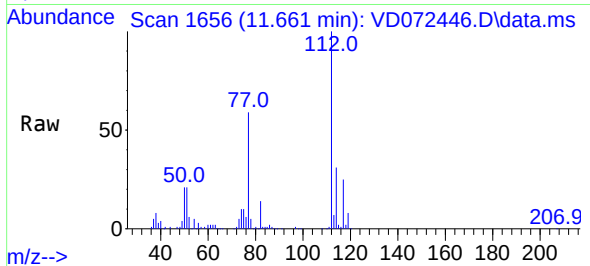
#65
Chlorobenzene
Concen: 21.881 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion:112 Resp: 270920
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6

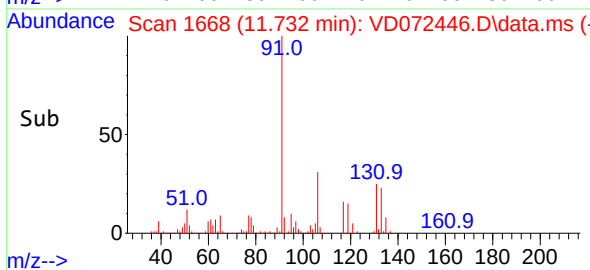
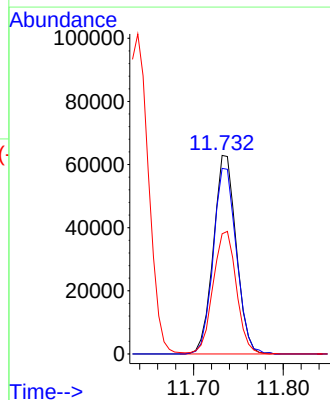
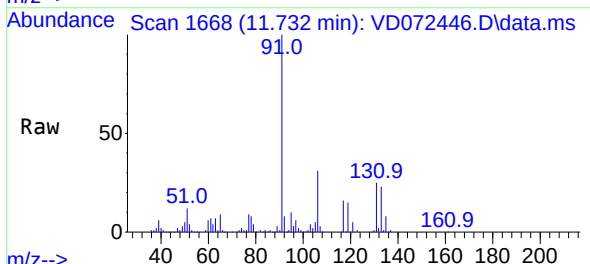
Manual Integrations
APPROVED

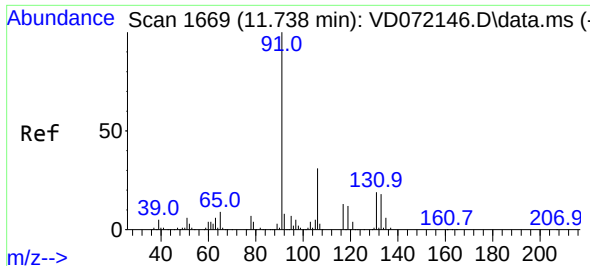
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.728 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

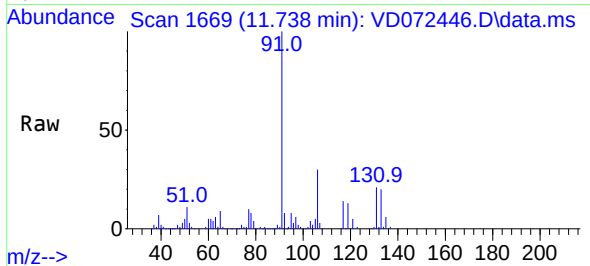
Tgt Ion:131 Resp: 111279
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.3
119 63.1 31.9 95.9





#67
Ethyl Benzene
Concen: 21.352 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

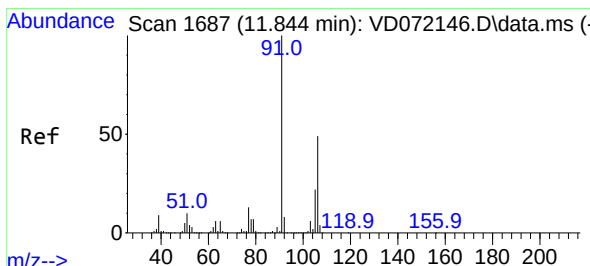
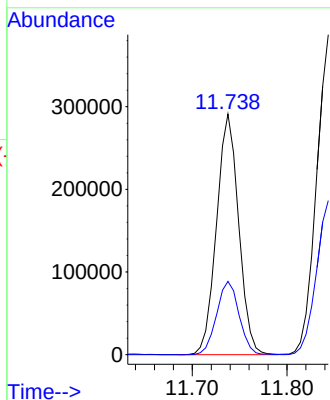
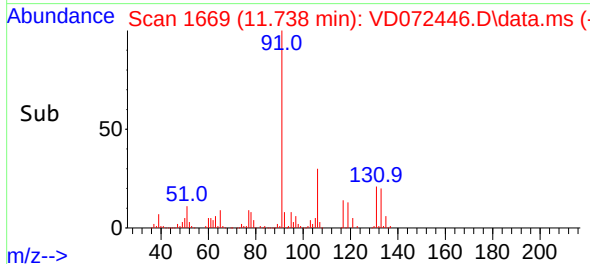
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



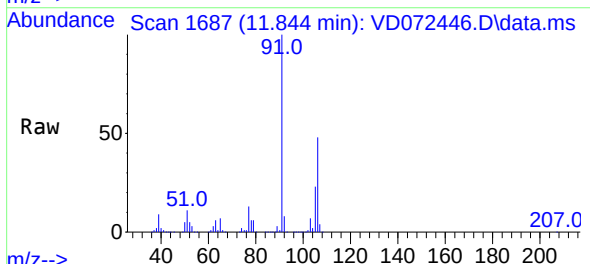
Tgt Ion: 91 Resp: 47217
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

Manual Integrations
APPROVED

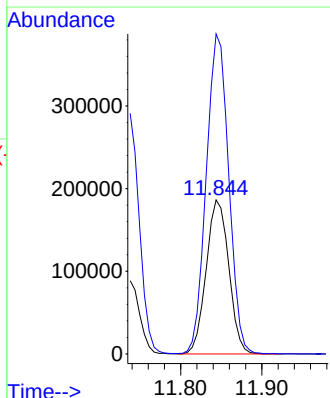
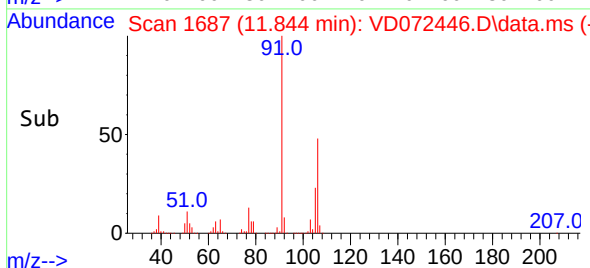
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

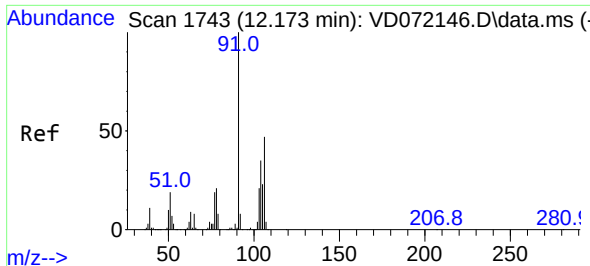


#68
m/p-Xylenes
Concen: 42.935 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



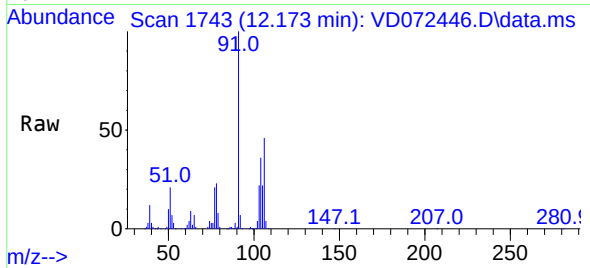
Tgt Ion:106 Resp: 360516
Ion Ratio Lower Upper
106 100
91 206.2 163.7 245.5





#69
o-Xylene
Concen: 21.843 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

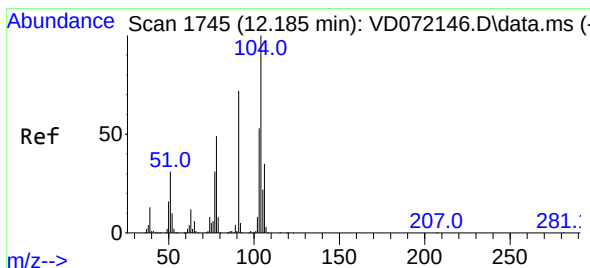
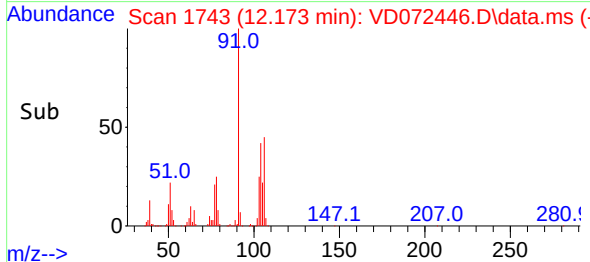
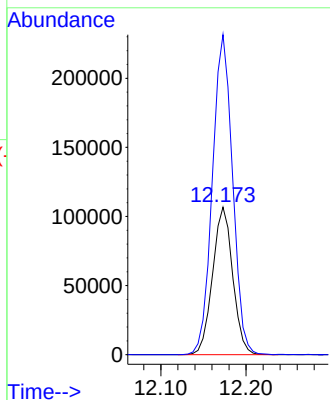
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



Tgt Ion:106 Resp: 175440
Ion Ratio Lower Upper
106 100
91 217.7 110.4 331.2

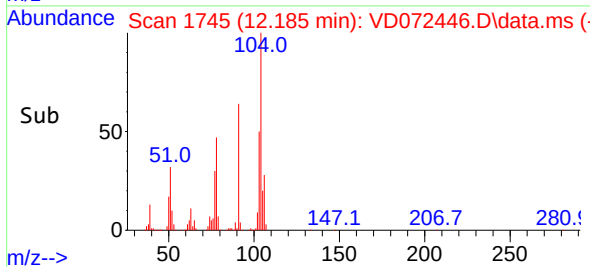
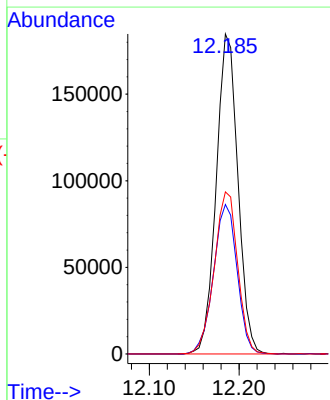
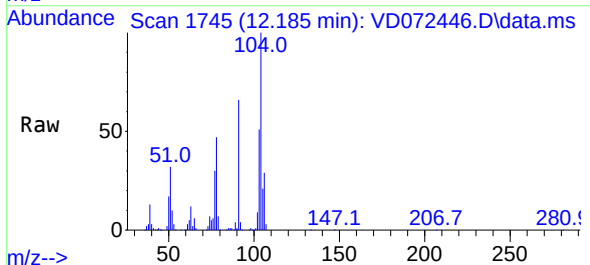
Manual Integrations
APPROVED

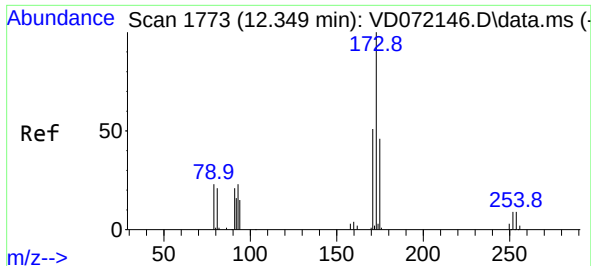
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#70
Styrene
Concen: 22.092 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Tgt Ion:104 Resp: 309848
Ion Ratio Lower Upper
104 100
78 51.0 41.8 62.8
103 54.9 44.2 66.4





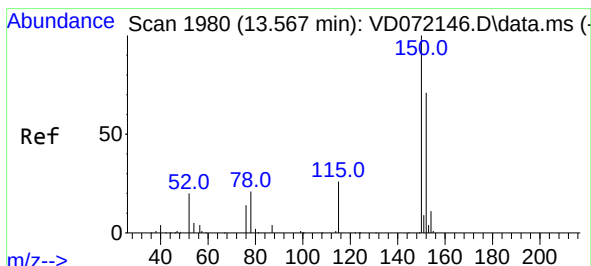
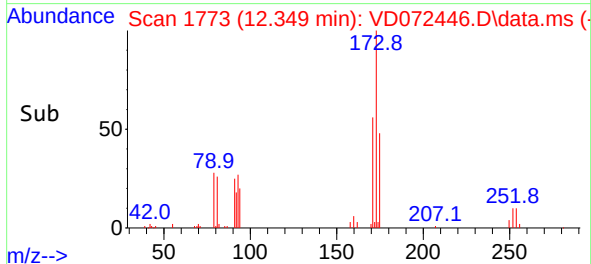
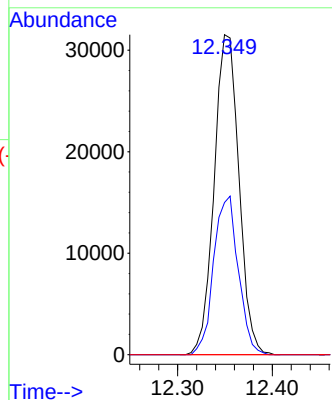
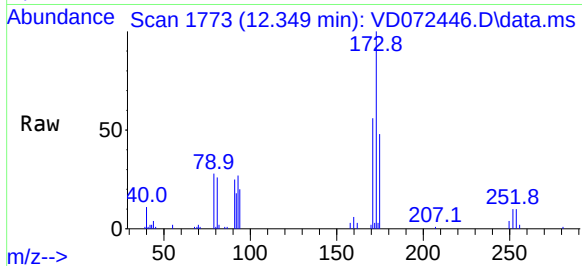
#71
Bromoform
Concen: 21.941 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion:173 Resp: 5738
Ion Ratio Lower Upper
173 100
175 49.2 23.9 71.8
254 0.0 0.0 0.0

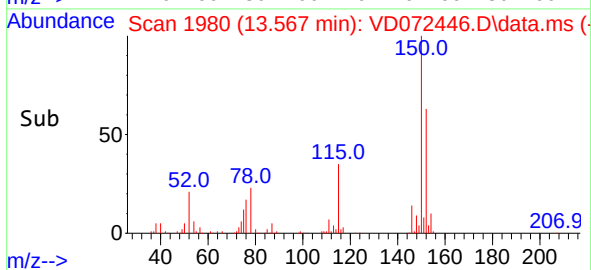
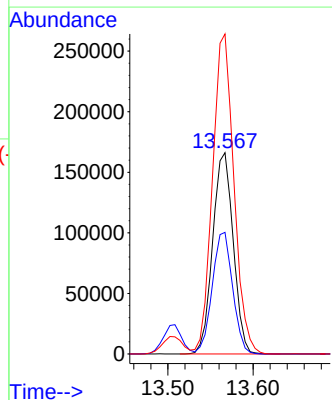
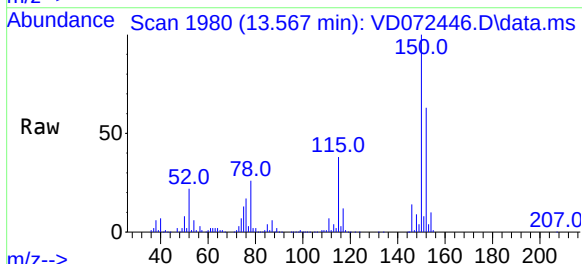
Manual Integrations
APPROVED

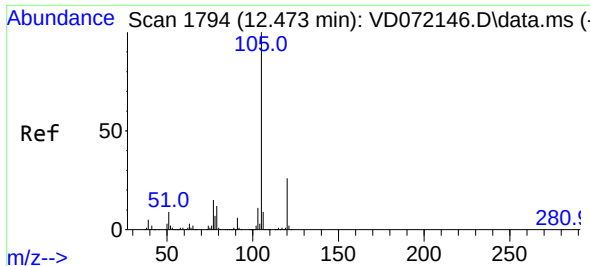
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

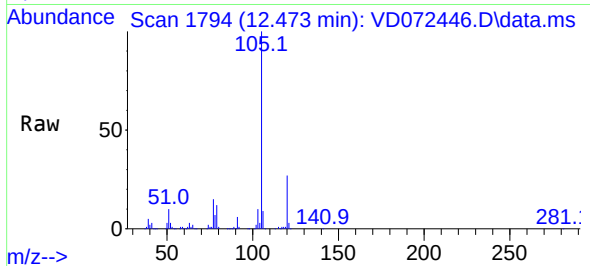
Tgt Ion:152 Resp: 278323
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 165.7 0.0 348.6





#73
Isopropylbenzene
Concen: 22.942 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

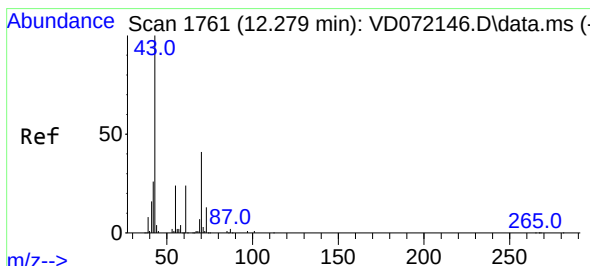
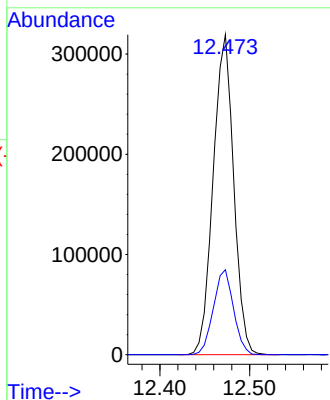
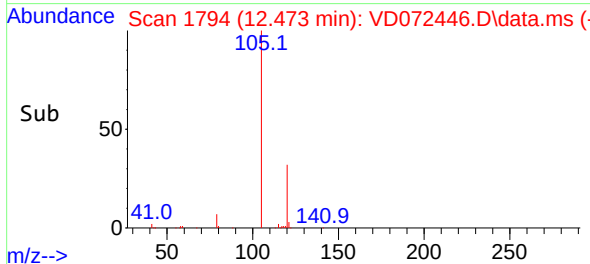
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



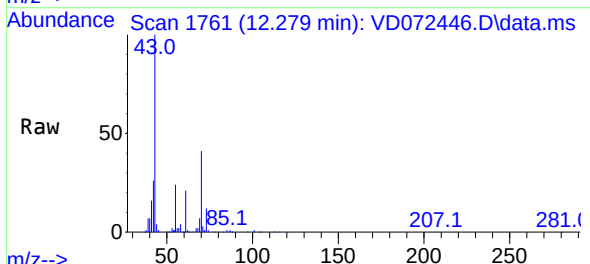
Tgt Ion:105 Resp: 506010
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

Manual Integrations
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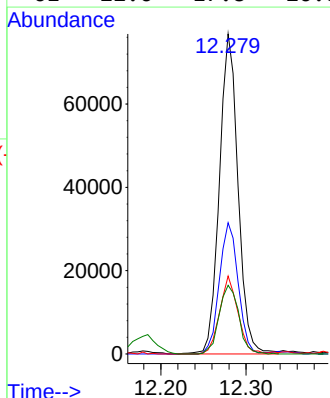
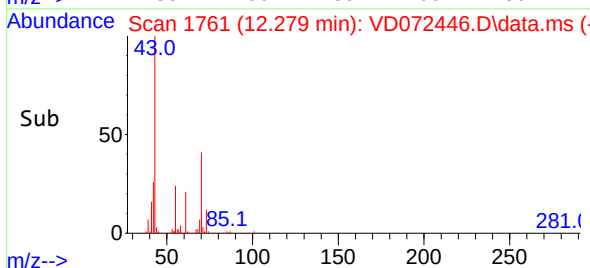
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

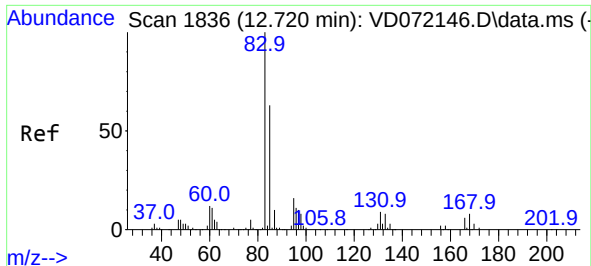


#74
N-ethyl acetate
Concen: 24.669 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



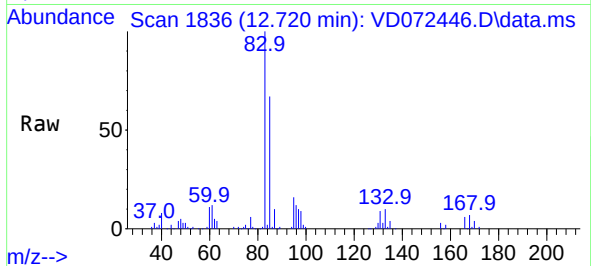
Tgt Ion: 43 Resp: 116927
Ion Ratio Lower Upper
43 100
70 41.4 31.3 46.9
55 23.9 20.0 30.0
61 22.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 23.906 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

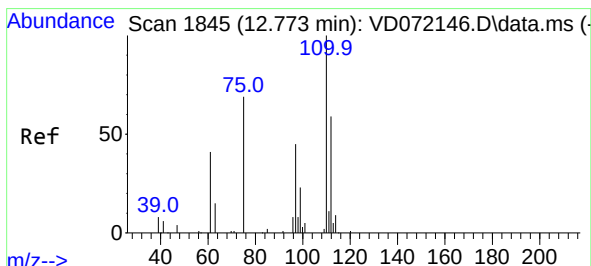
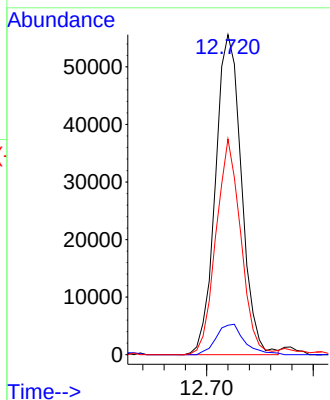
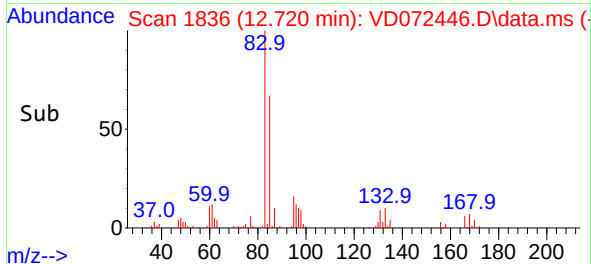
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



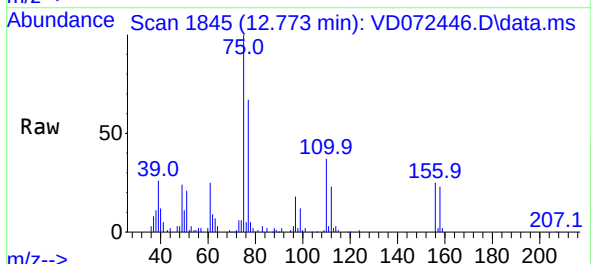
Tgt Ion: 83 Resp: 94300
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.1 32.6 98.0

Manual Integrations
APPROVED

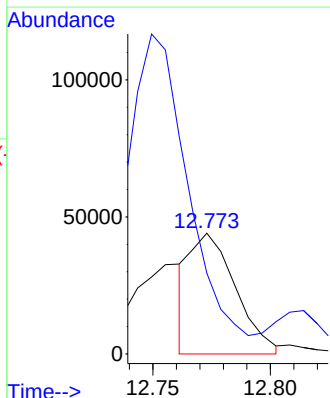
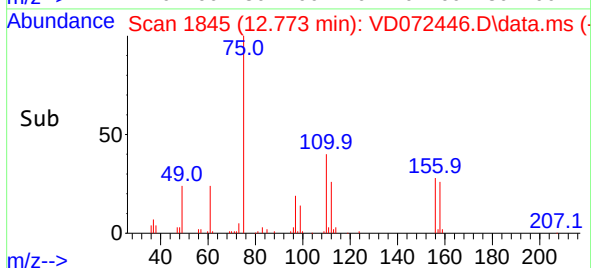
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

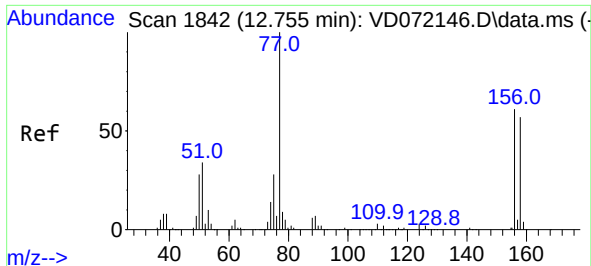


#76
1,2,3-Trichloropropane
Concen: 19.323 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



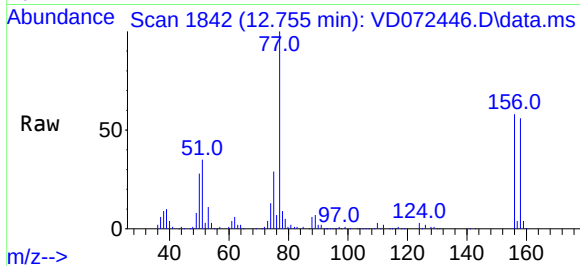
Tgt Ion: 75 Resp: 59326
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 22.082 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

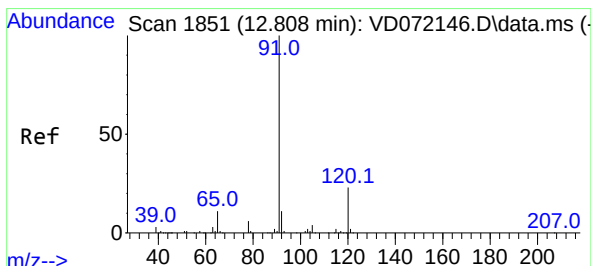
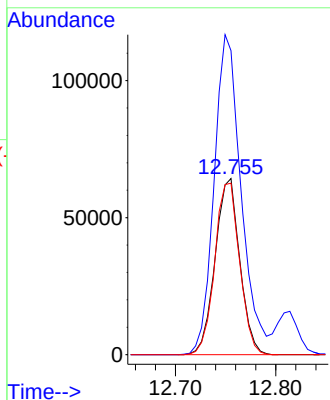
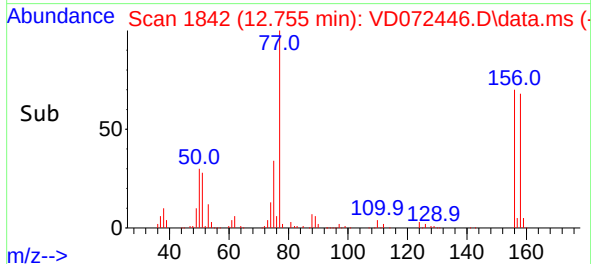
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



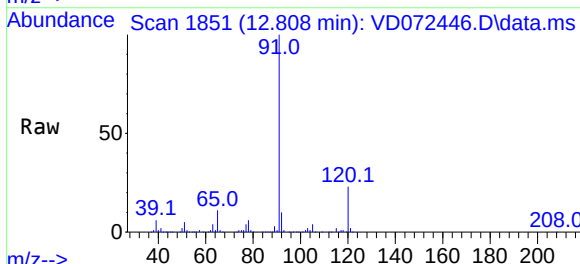
Tgt Ion:156 Resp: 109619
Ion Ratio Lower Upper
156 100
77 198.4 102.8 308.3
158 97.9 48.7 146.1

Manual Integrations
APPROVED

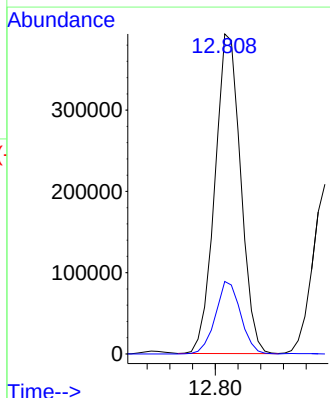
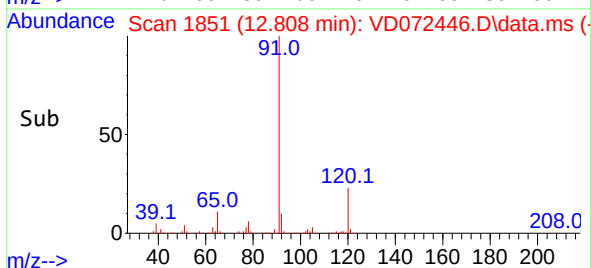
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

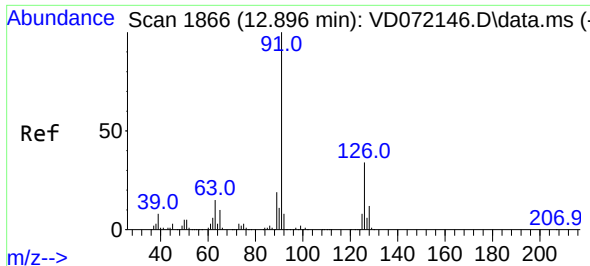


#78
n-propylbenzene
Concen: 23.157 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion: 91 Resp: 620368
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





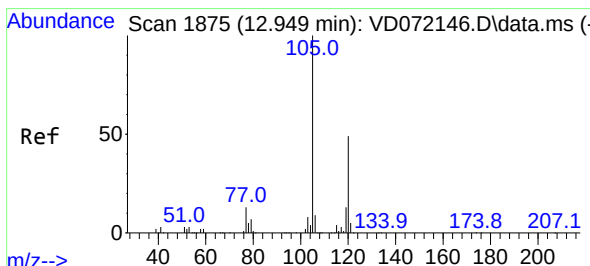
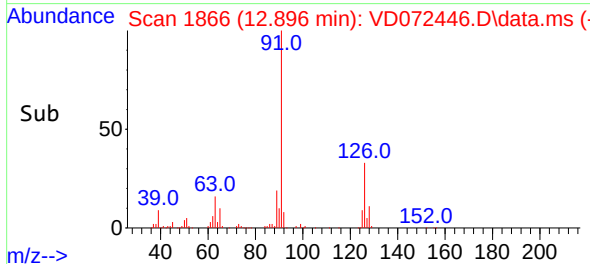
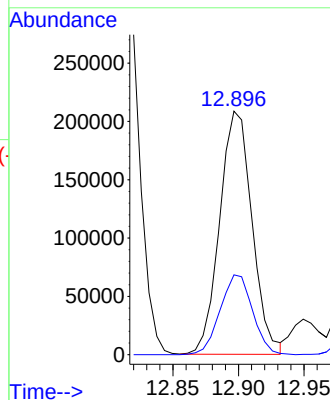
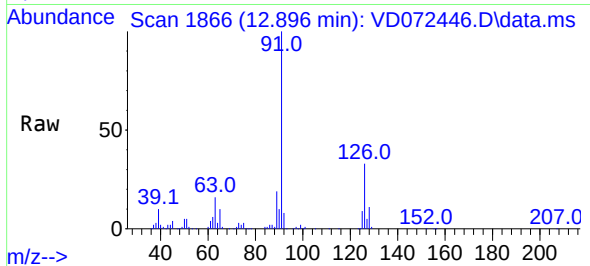
#79
2-Chlorotoluene
Concen: 23.163 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 91 Resp: 35882
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6

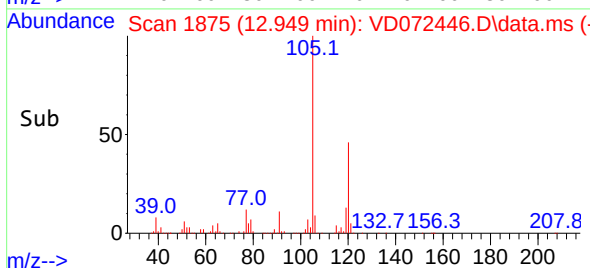
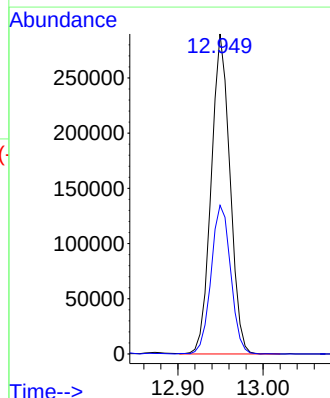
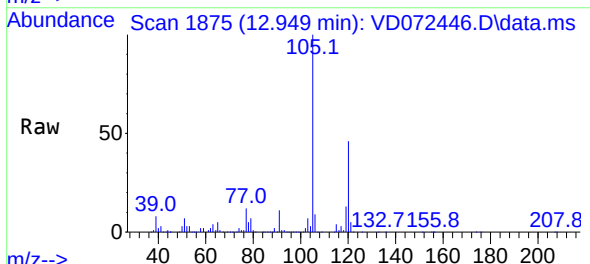
Manual Integrations
APPROVED

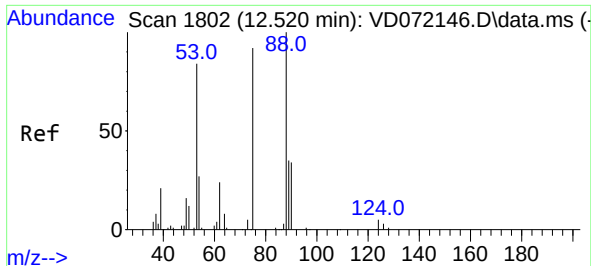
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.403 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Tgt Ion:105 Resp: 443440
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





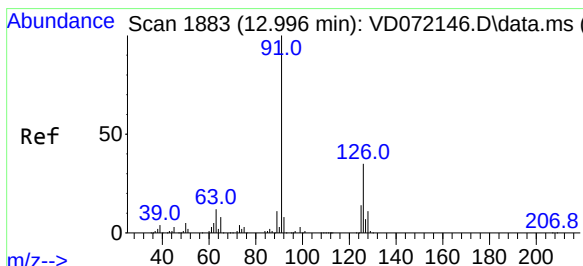
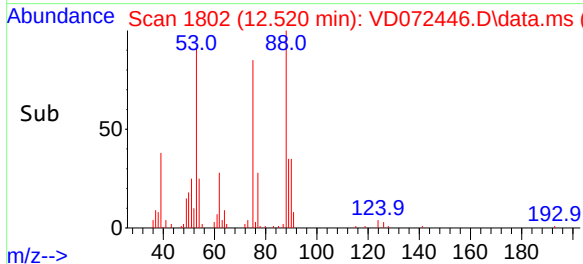
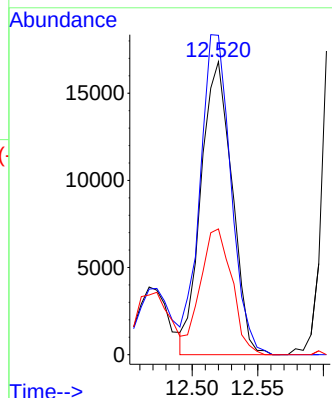
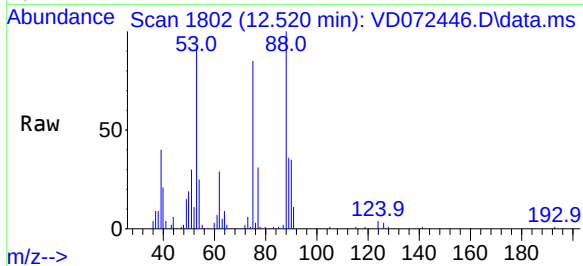
#81
trans-1,4-Dichloro-2-butene
Concen: 22.301 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 75 Resp: 2759
Ion Ratio Lower Upper
75 100
53 108.8 86.5 129.7
89 44.0 33.9 50.9

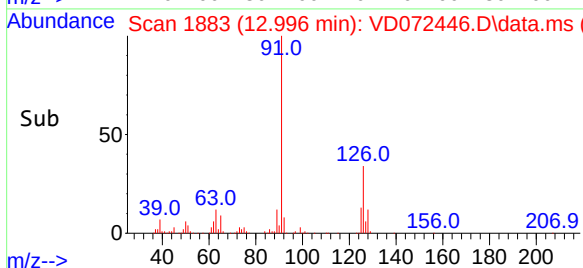
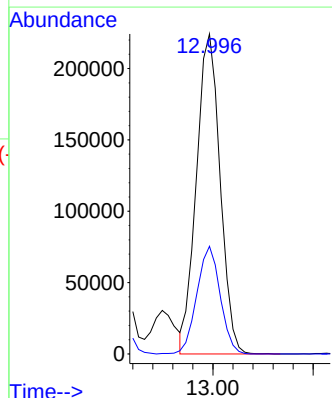
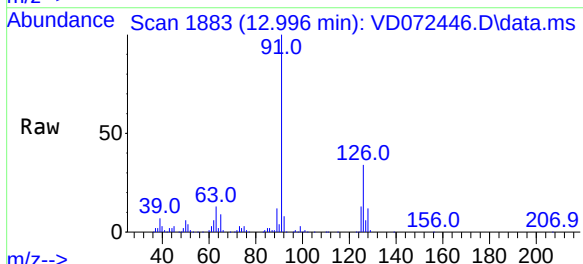
Manual Integrations
APPROVED

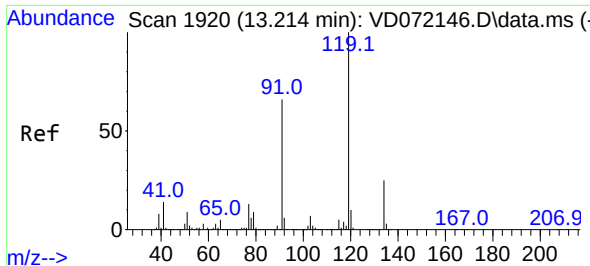
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#82
4-Chlorotoluene
Concen: 22.968 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

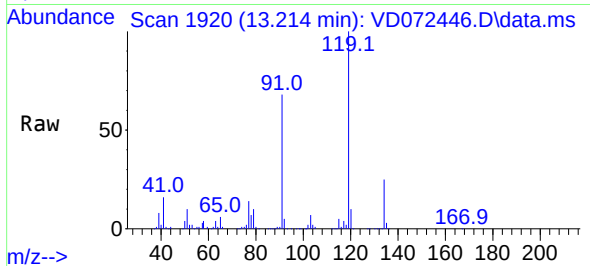
Tgt Ion: 91 Resp: 368406
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5





#83
tert-Butylbenzene
Concen: 23.002 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

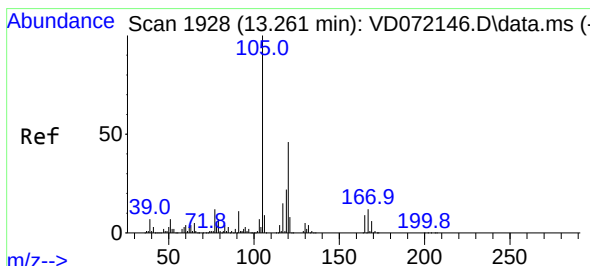
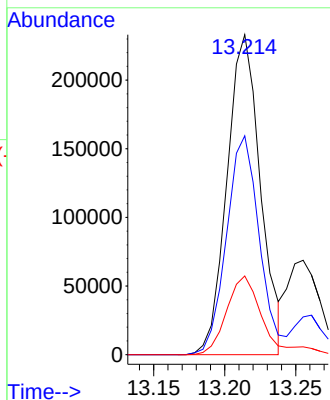
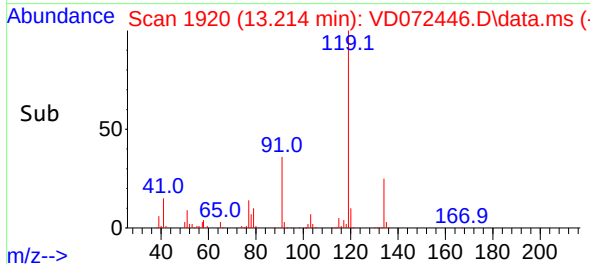
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



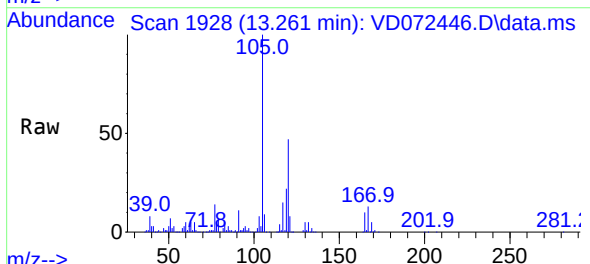
Tgt Ion:119 Resp: 382109
Ion Ratio Lower Upper
119 100
91 67.6 34.8 104.5
134 26.6 13.3 39.9

Manual Integrations
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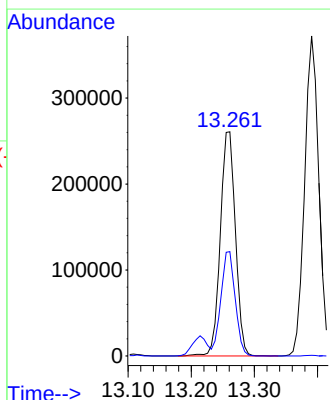
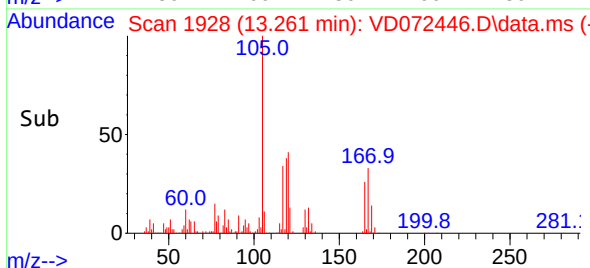
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

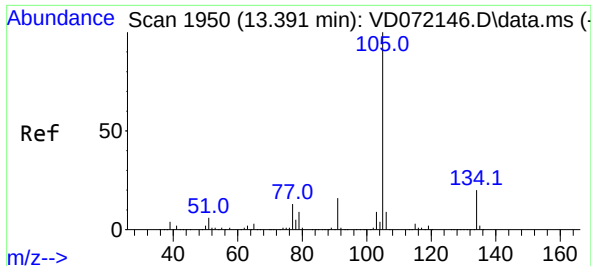


#84
1,2,4-Trimethylbenzene
Concen: 23.175 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion:105 Resp: 432681
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





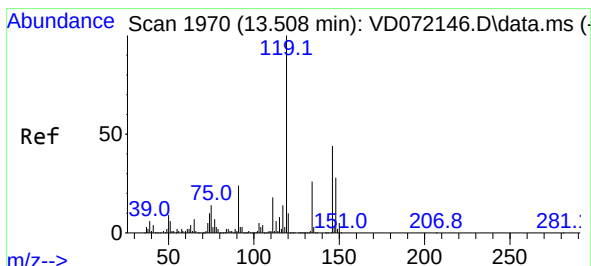
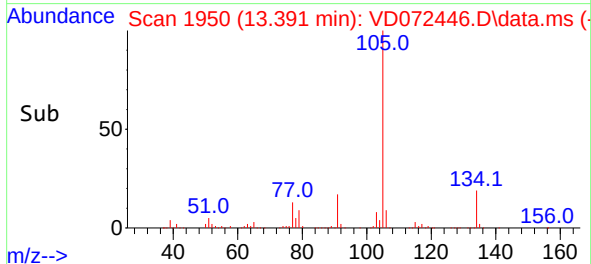
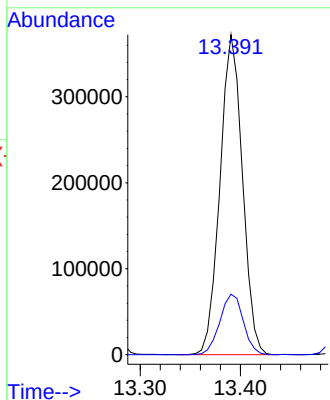
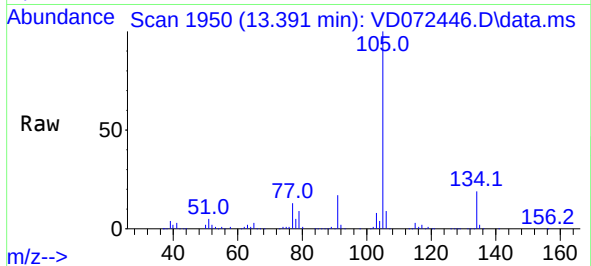
#85
 sec-Butylbenzene
 Concen: 23.177 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072446.D
 Acq: 28 Mar 2022 12:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0328SBS01

Tgt Ion:105 Resp: 57819
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

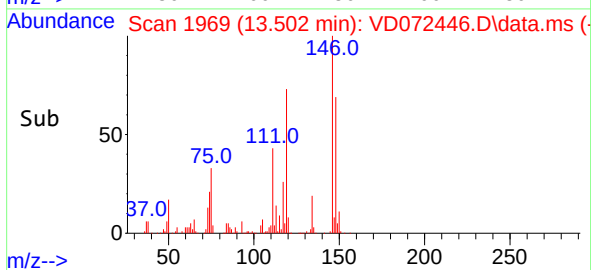
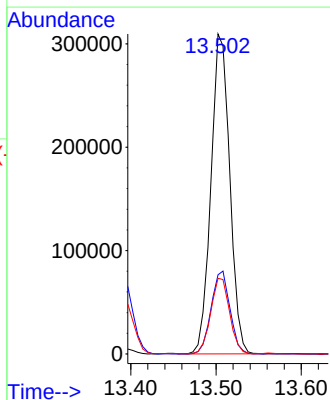
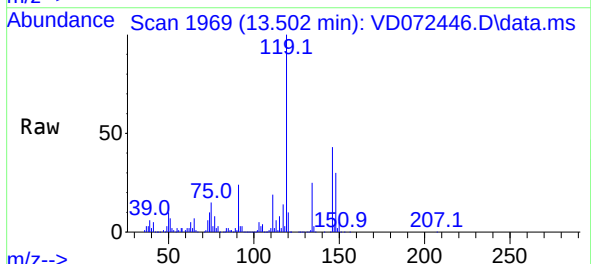
Manual Integrations
 APPROVED

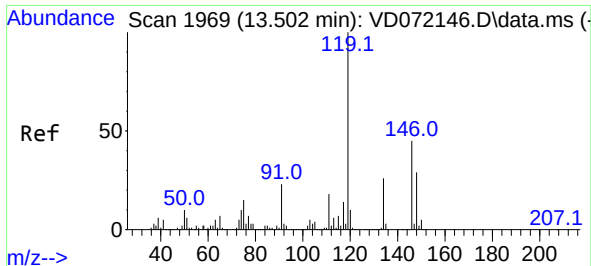
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#86
 p-Isopropyltoluene
 Concen: 23.050 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072446.D
 Acq: 28 Mar 2022 12:05

Tgt Ion:119 Resp: 473182
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 22.474 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0328SBS01

Tgt Ion:146 Resp: 23381

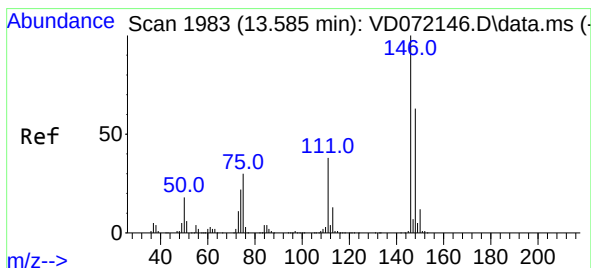
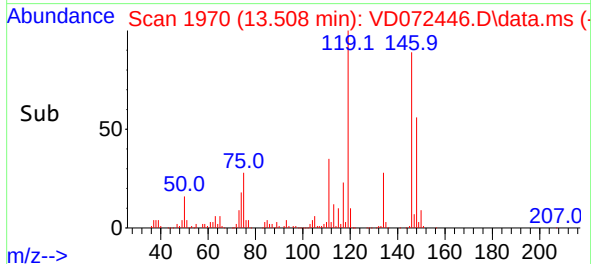
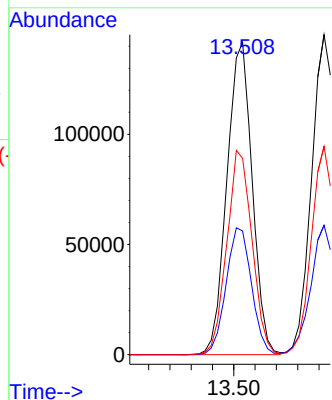
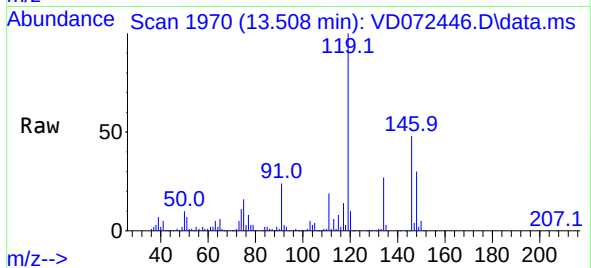
Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	65.3	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#88

1,4-Dichlorobenzene

Concen: 22.598 ug/l

RT: 13.585 min Scan# 1983

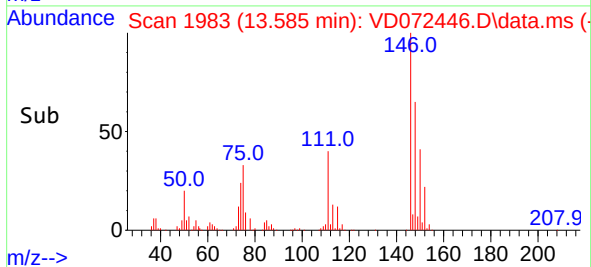
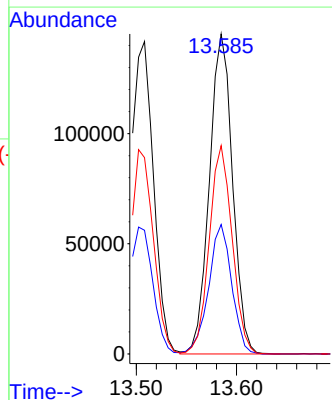
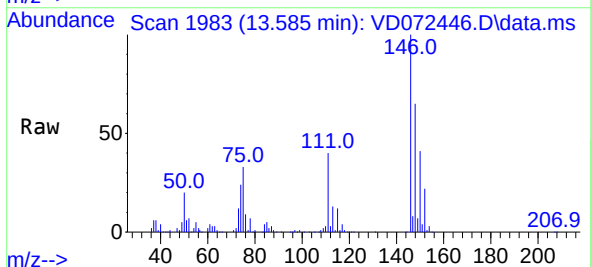
Delta R.T. 0.000 min

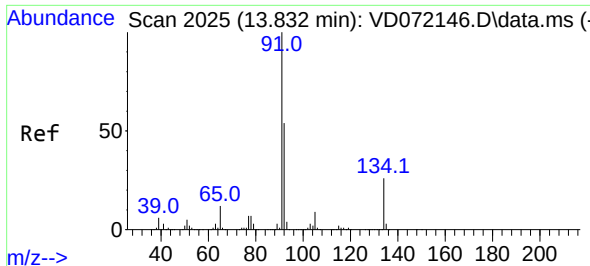
Lab File: VD072446.D

Acq: 28 Mar 2022 12:05

Tgt Ion:146 Resp: 233137

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.9
148	64.5	31.7	95.1





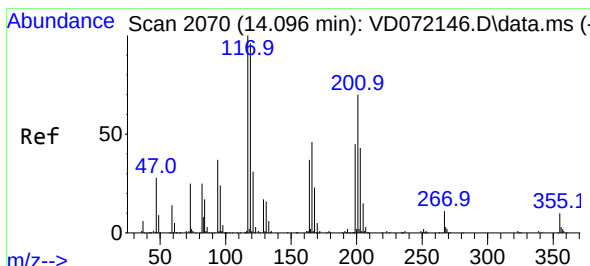
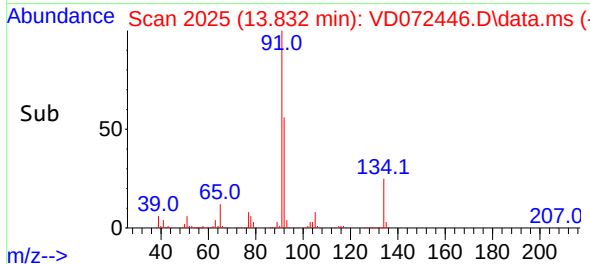
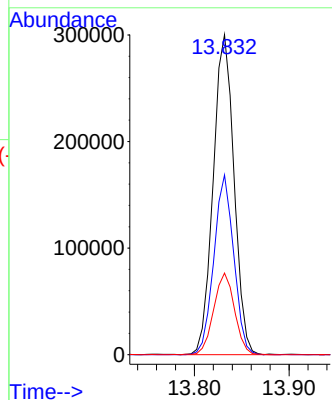
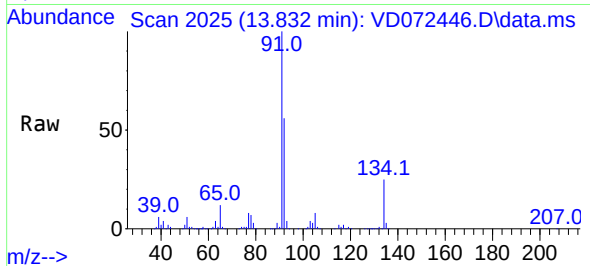
#89
n-Butylbenzene
Concen: 23.477 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01

Tgt Ion: 91 Resp: 45936
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 25.5 12.3 36.9

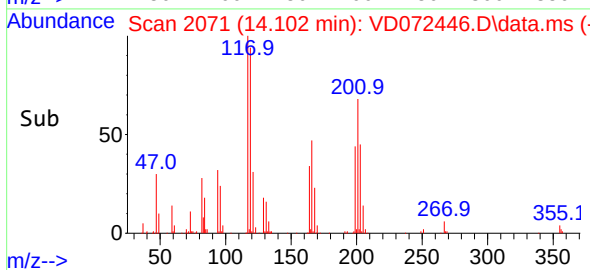
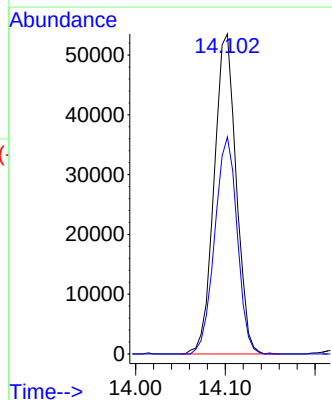
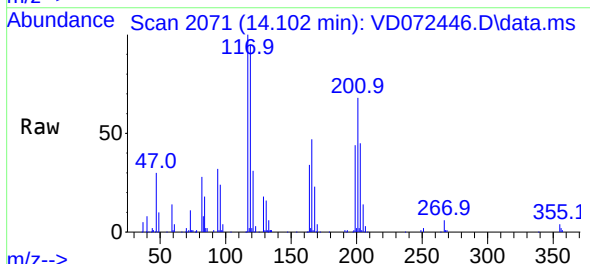
Manual Integrations
APPROVED

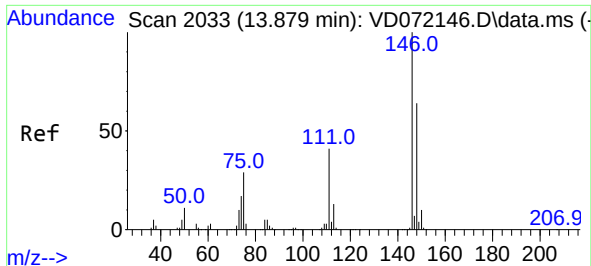
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#90
Hexachloroethane
Concen: 22.754 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

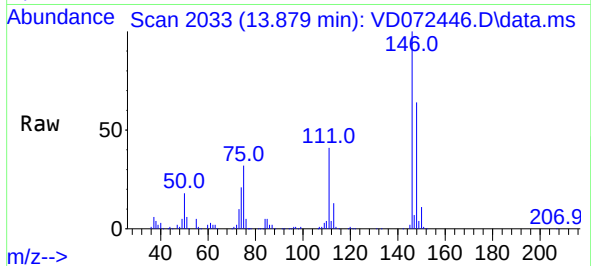
Tgt Ion:117 Resp: 91548
Ion Ratio Lower Upper
117 100
201 68.8 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 22.901 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

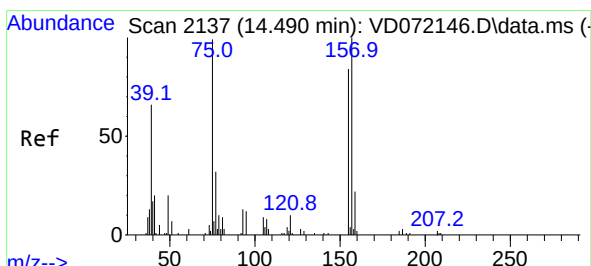
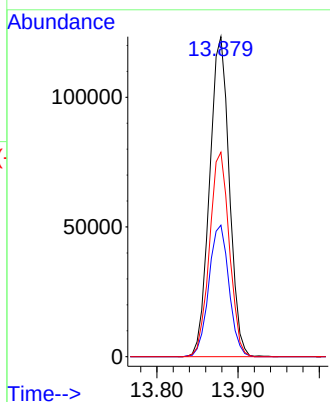
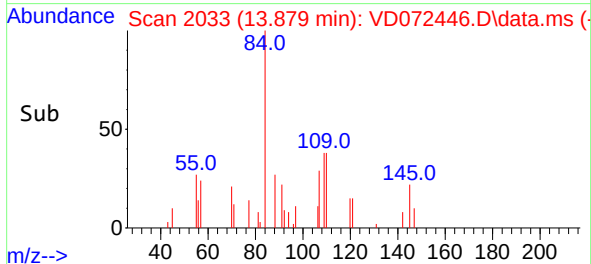
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



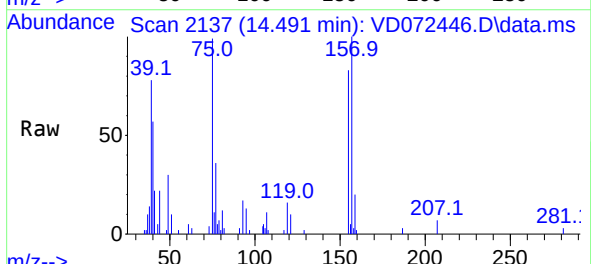
Tgt Ion:146 Resp: 207735
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.3
148 64.3 31.7 95.1

Manual Integrations
APPROVED

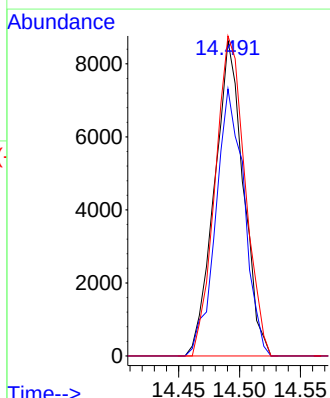
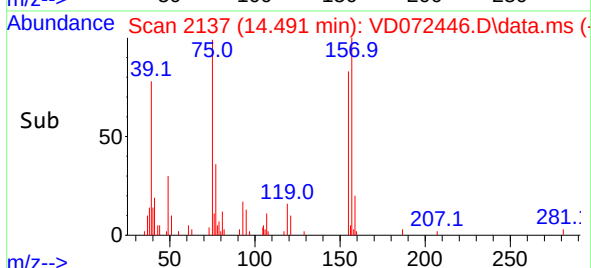
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

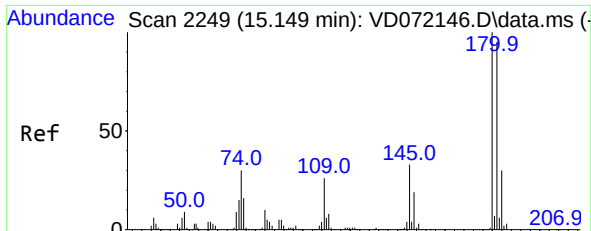


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.638 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



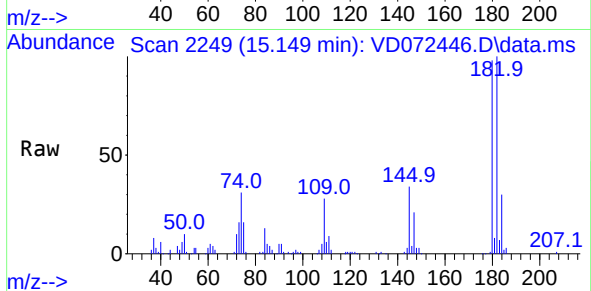
Tgt Ion: 75 Resp: 14251
Ion Ratio Lower Upper
75 100
155 83.6 36.8 110.3
157 105.0 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 22.170 ug/l
RT: 15.149 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

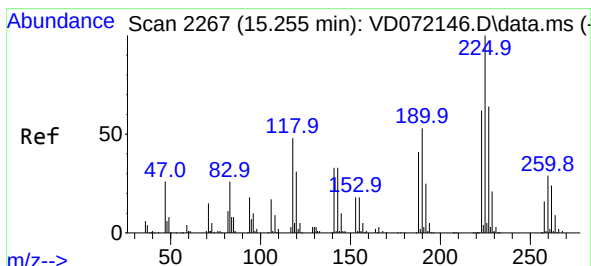
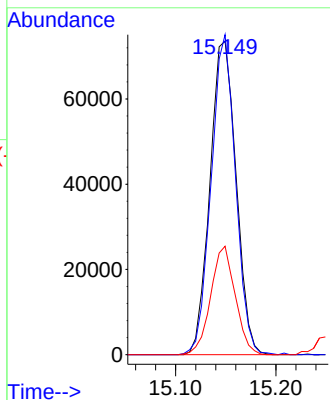
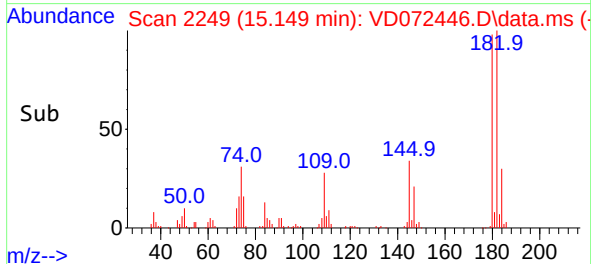
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



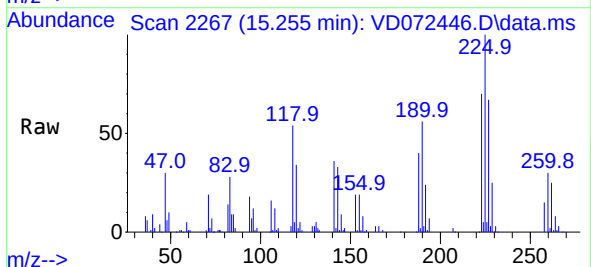
Tgt Ion:180 Resp: 13314
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 32.6 16.2 48.5

Manual Integrations
APPROVED

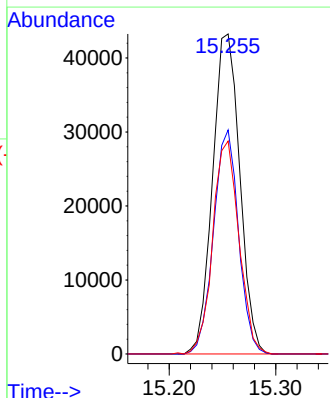
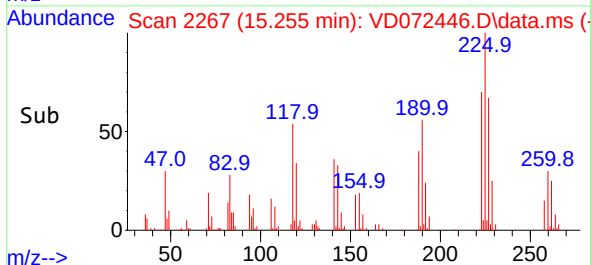
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

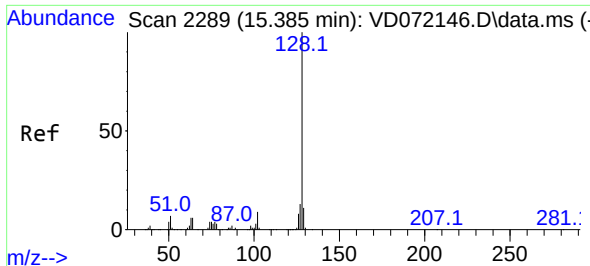


#94
Hexachlorobutadiene
Concen: 21.950 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



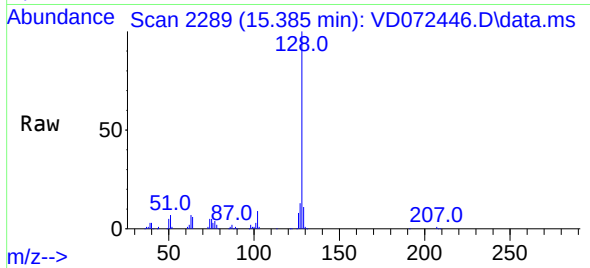
Tgt Ion:225 Resp: 76680
Ion Ratio Lower Upper
225 100
223 64.2 31.1 93.2
227 64.1 32.4 97.0





#95
Naphthalene
Concen: 24.486 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05

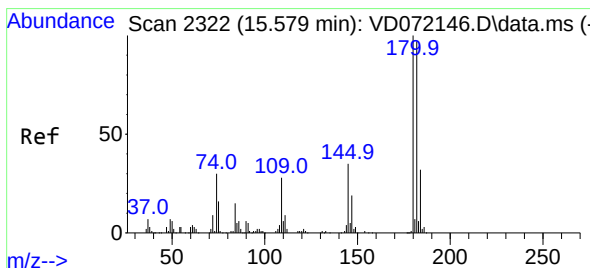
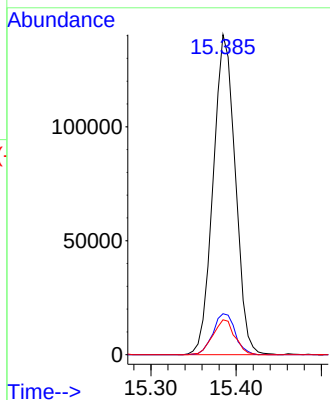
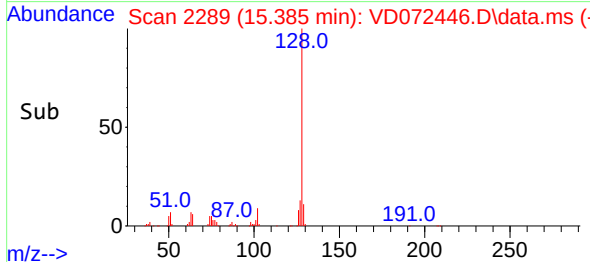
Instrument :
MSVOA_D
ClientSampleId :
VD0328SBS01



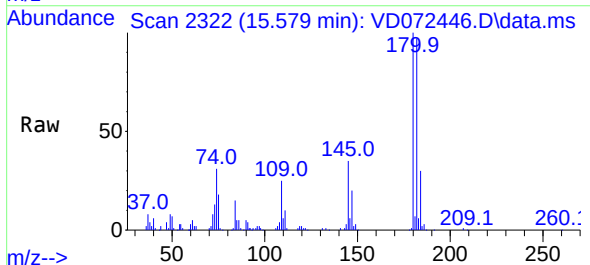
Tgt Ion:128 Resp: 253480
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.650 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072446.D
Acq: 28 Mar 2022 12:05



Tgt Ion:180 Resp: 117738
Ion Ratio Lower Upper
180 100
182 92.9 47.6 142.9
145 34.3 17.1 51.3

