

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050124\
 Data File : VD078860.D
 Acq On : 01 May 2024 13:38
 Operator : RP/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 07:40:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	146343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	234611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	152053	93.609	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.220%#	
35) Dibromofluoromethane	7.805	113	180988	105.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 210.140%#	
50) Toluene-d8	10.269	98	718060	108.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 217.240%#	
62) 4-Bromofluorobenzene	12.575	95	202524	107.044	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 214.080%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	153082	92.535	ug/l	98
3) Chloromethane	2.146	50	224214	91.192	ug/l	99
4) Vinyl Chloride	2.287	62	338405	94.814	ug/l	93
5) Bromomethane	2.687	94	327517	91.963	ug/l	99
6) Chloroethane	2.834	64	283987	96.587	ug/l	98
7) Trichlorofluoromethane	3.175	101	274120	94.370	ug/l	96
8) Diethyl Ether	3.593	74	80067	101.090	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	170032	97.432	ug/l	99
10) Methyl Iodide	4.164	142	228276	107.416	ug/l	97
11) Tert butyl alcohol	5.064	59	34706	466.444	ug/l	98
12) 1,1-Dichloroethene	3.940	96	171415	99.066	ug/l #	88
13) Acrolein	3.799	56	65639	456.756	ug/l	99
14) Allyl chloride	4.564	41	181352	104.411	ug/l	98
15) Acrylonitrile	5.252	53	156384	496.006	ug/l	97
16) Acetone	4.022	43	125258	517.116	ug/l	89
17) Carbon Disulfide	4.270	76	560005	97.869	ug/l	99
18) Methyl Acetate	4.558	43	54488	90.743	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	352883	107.763	ug/l	99
20) Methylene Chloride	4.805	84	195368	100.434	ug/l	95
21) trans-1,2-Dichloroethene	5.317	96	198670	102.395	ug/l	91
22) Diisopropyl ether	6.216	45	404950	105.436	ug/l	97
23) Vinyl Acetate	6.158	43	1236505	534.021	ug/l	97
24) 1,1-Dichloroethane	6.111	63	293953	95.066	ug/l	99
25) 2-Butanone	7.081	43	174852	514.726	ug/l	93
26) 2,2-Dichloropropane	7.075	77	266723	102.229	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	230894	104.185	ug/l	96
28) Bromochloromethane	7.428	49	105765	90.914	ug/l	92
29) Tetrahydrofuran	7.446	42	103999	523.207	ug/l	94
30) Chloroform	7.599	83	332761	96.438	ug/l	98
31) Cyclohexane	7.881	56	232700	96.493	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	290795	99.921	ug/l	98
36) 1,1-Dichloropropene	8.011	75	236254	106.628	ug/l	99
37) Ethyl Acetate	7.169	43	76966	105.021	ug/l	96
38) Carbon Tetrachloride	7.993	117	264042	103.527	ug/l	94
39) Methylcyclohexane	9.275	83	314947	115.360	ug/l	94
40) Benzene	8.252	78	762823	105.129	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	40422	111.694	ug/l	97
42) 1,2-Dichloroethane	8.328	62	174043	101.600	ug/l	100
43) Isopropyl Acetate	8.363	43	146350	109.174	ug/l	99
44) Trichloroethene	9.028	130	194968	106.668	ug/l	89
45) 1,2-Dichloropropane	9.305	63	162128	101.884	ug/l	97
46) Dibromomethane	9.393	93	102955	101.626	ug/l	98
47) Bromodichloromethane	9.587	83	256242	102.148	ug/l	98
48) Methyl methacrylate	9.381	41	67947	108.138	ug/l	96
49) 1,4-Dioxane	9.387	88	20952	2266.330	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	380338	529.836	ug/l	98
52) Toluene	10.334	92	508528	111.576	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	228233	108.506	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	273584	107.689	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	136006	103.502	ug/l	95
56) Ethyl methacrylate	10.599	69	158818	117.630	ug/l	97
57) 1,3-Dichloropropane	10.881	76	216902	104.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	290030	491.951	ug/l	99
59) 2-Hexanone	10.922	43	268492	528.246	ug/l	96
60) Dibromochloromethane	11.075	129	187624	105.346	ug/l	99
61) 1,2-Dibromoethane	11.181	107	126792	104.045	ug/l	98
64) Tetrachloroethene	10.810	164	166821	108.564	ug/l	98
65) Chlorobenzene	11.604	112	556816	107.697	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	194119	107.367	ug/l	99
67) Ethyl Benzene	11.681	91	972282	114.969	ug/l	96
68) m/p-Xylenes	11.793	106	801911	234.194	ug/l	98
69) o-Xylene	12.122	106	368525	117.722	ug/l	98
70) Styrene	12.134	104	658115	119.562	ug/l	99
71) Bromoform	12.299	173	104972	107.235	ug/l #	95
73) Isopropylbenzene	12.422	105	928048	112.854	ug/l	100
74) N-amyl acetate	12.234	43	137484	100.507	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	144226	93.607	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	180359	177.544	ug/l #	100
77) Bromobenzene	12.698	156	228313	108.063	ug/l	96
78) n-propylbenzene	12.763	91	1106038	110.981	ug/l	98
79) 2-Chlorotoluene	12.851	91	596754	107.281	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	777054	113.793	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	52149	100.390	ug/l	97
82) 4-Chlorotoluene	12.946	91	632010	106.544	ug/l	100
83) tert-Butylbenzene	13.169	119	694293	118.122	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	801404	114.655	ug/l	98
85) sec-Butylbenzene	13.346	105	1014621	113.675	ug/l	99
86) p-Isopropyltoluene	13.457	119	917950	118.673	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	484902	109.589	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	454899	103.857	ug/l	99
89) n-Butylbenzene	13.787	91	790564	114.642	ug/l	99
90) Hexachloroethane	14.051	117	170206	102.851	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	397675	105.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19826	94.516	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	243075	115.546	ug/l	96
94) Hexachlorobutadiene	15.204	225	121233	112.494	ug/l	99
95) Naphthalene	15.334	128	447329	118.026	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	208023	111.619	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu May 02 07:30:30 2024
Response via : Initial Calibration

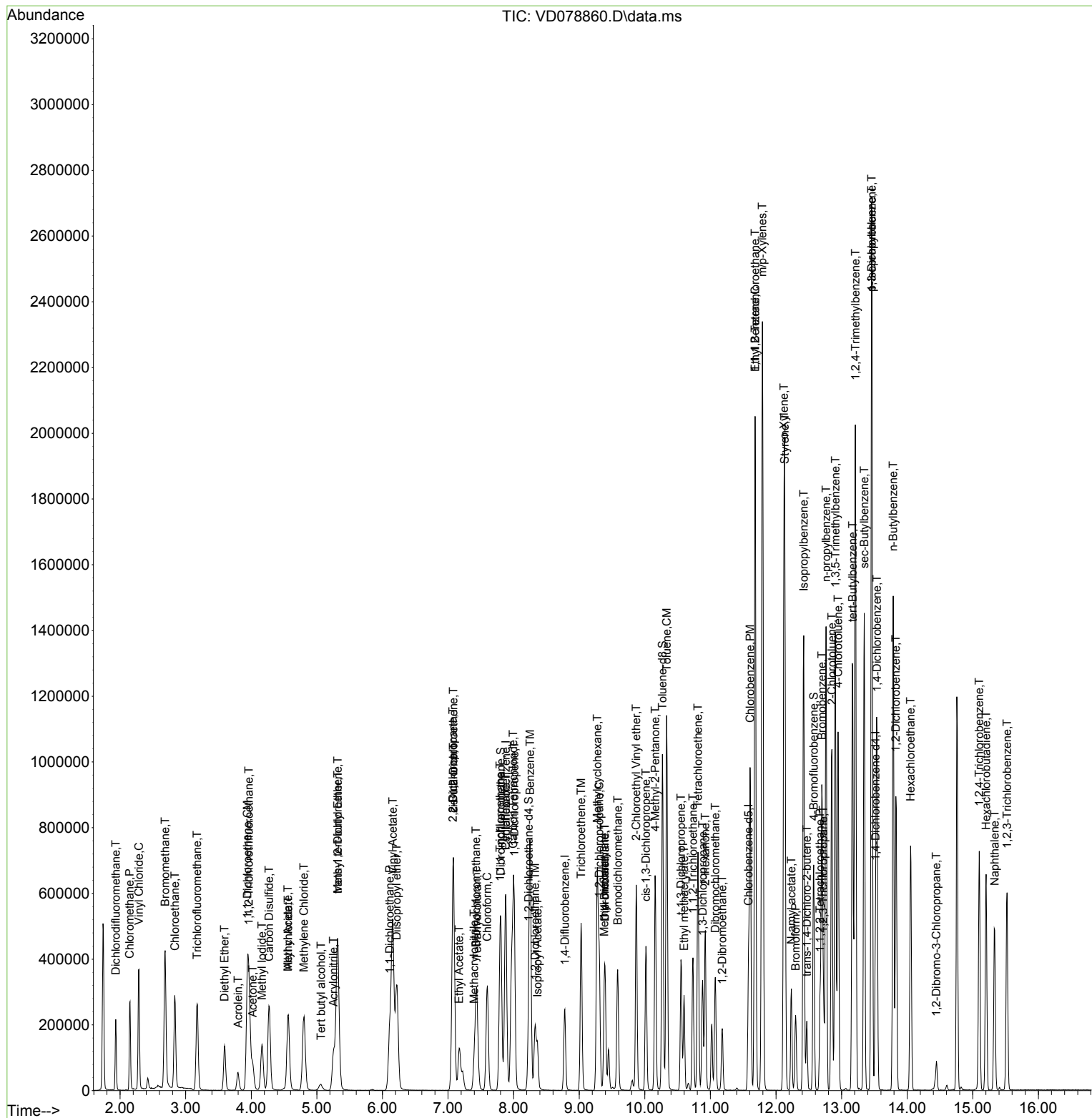
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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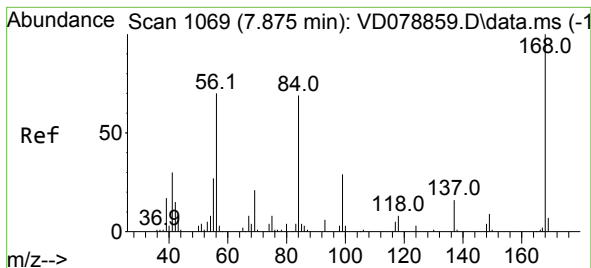
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

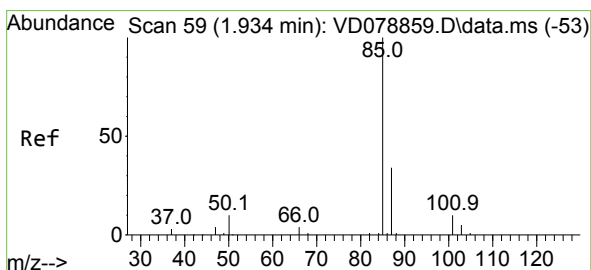
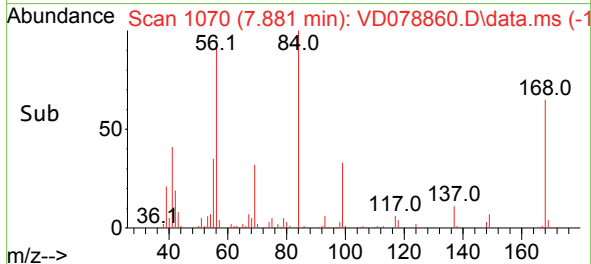
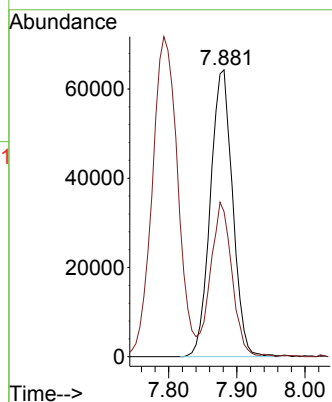
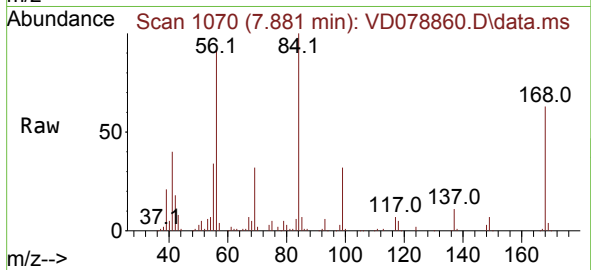
ClientSampleId :

Tgt Ion:168 Resp: 146343

Ion Ratio Lower Upper

168 100

99 50.2 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 92.535 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078860.D

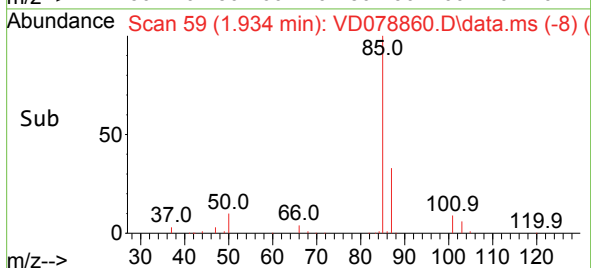
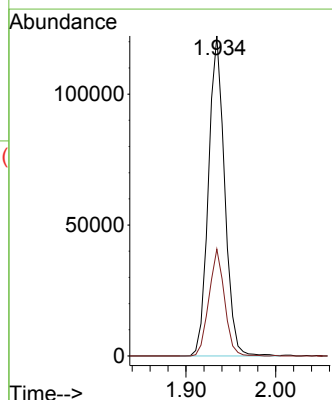
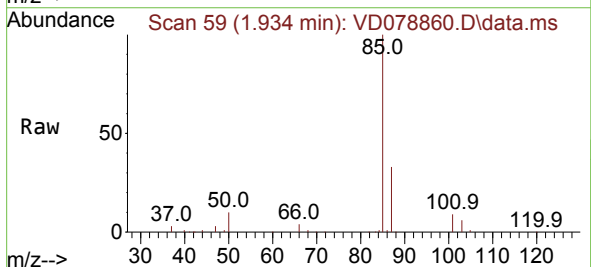
Acq: 01 May 2024 13:38

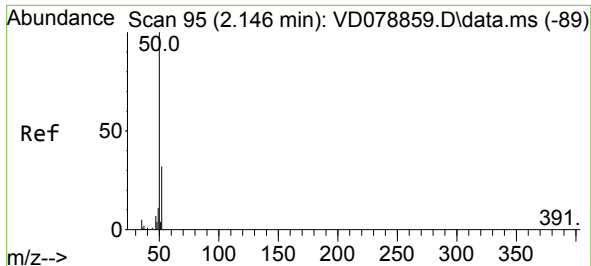
Tgt Ion: 85 Resp: 153082

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.5

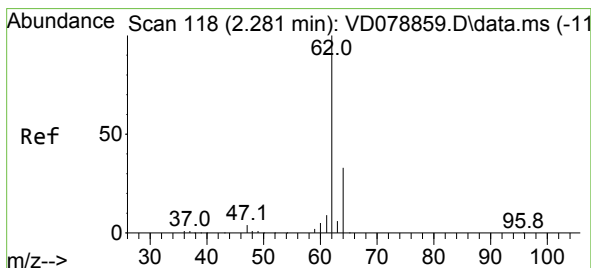
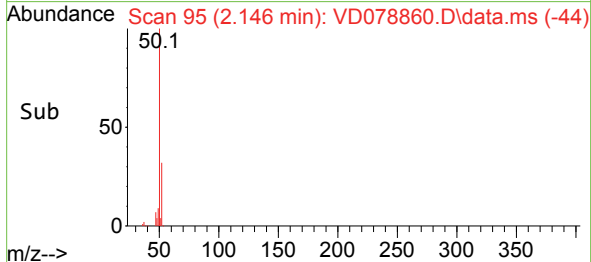
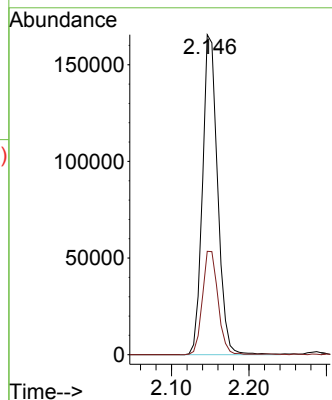
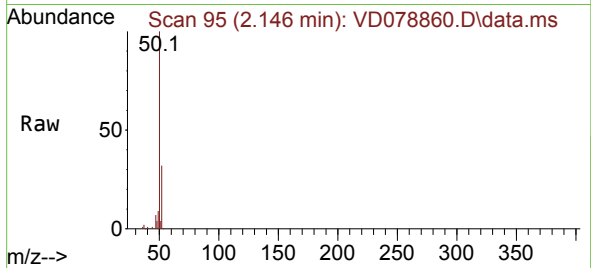




#3
Chloromethane
Concen: 91.192 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

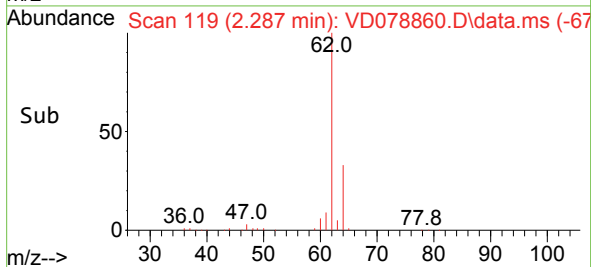
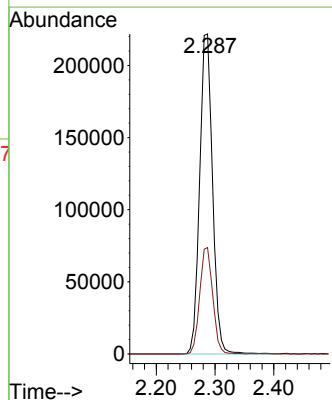
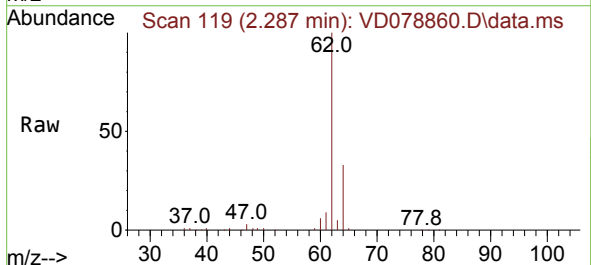
Instrument :
MSVOA_D
ClientSampleId :

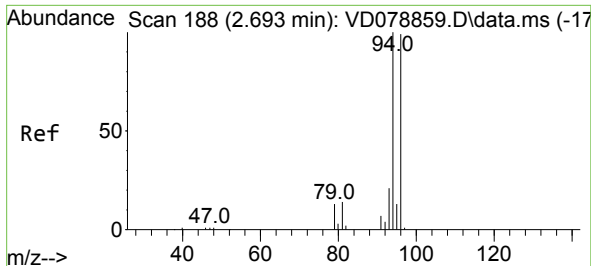
Tgt Ion: 50 Resp: 224214
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 94.814 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

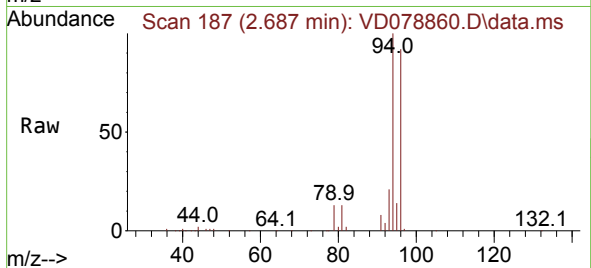
Tgt Ion: 62 Resp: 338405
Ion Ratio Lower Upper
62 100
64 33.3 23.7 35.5



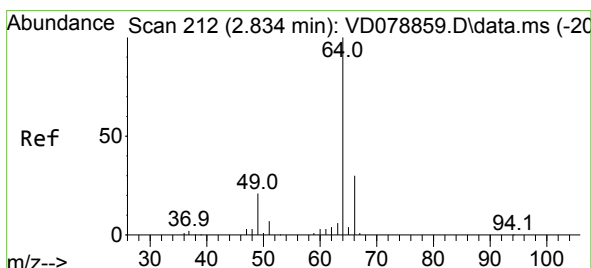
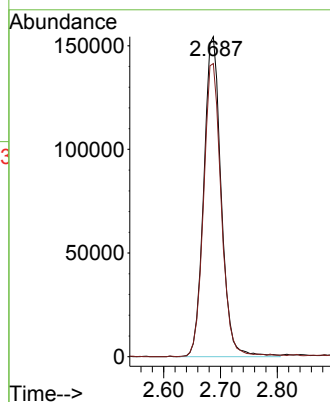
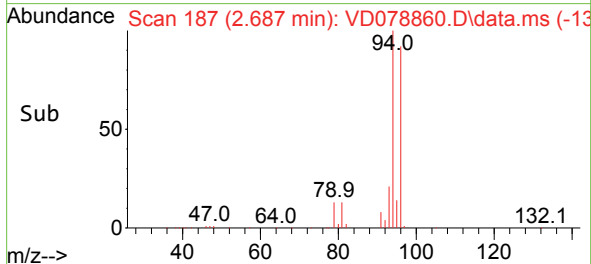


#5
Bromomethane
Concen: 91.963 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078860.D
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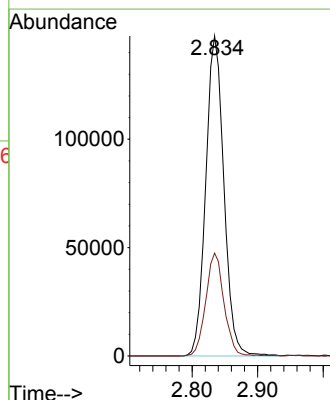
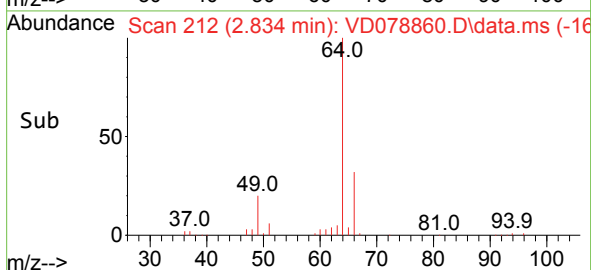
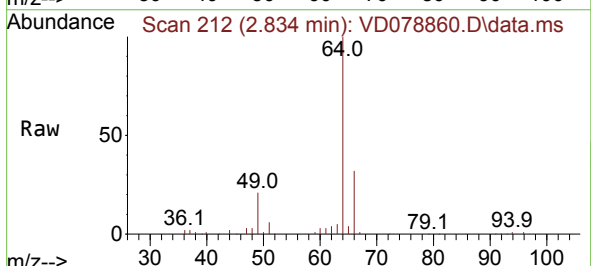


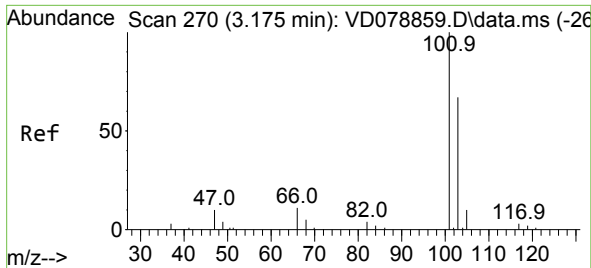
Tgt Ion: 94 Resp: 327517
Ion Ratio Lower Upper
94 100
96 93.0 73.5 110.3



#6
Chloroethane
Concen: 96.587 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

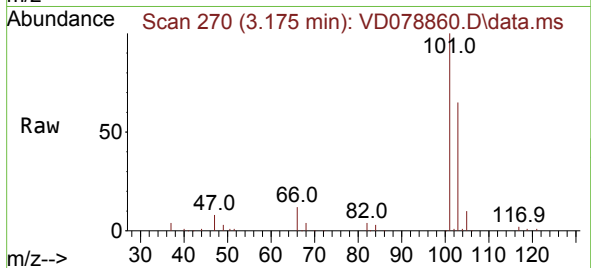
Tgt Ion: 64 Resp: 283987
Ion Ratio Lower Upper
64 100
66 32.1 26.8 40.2



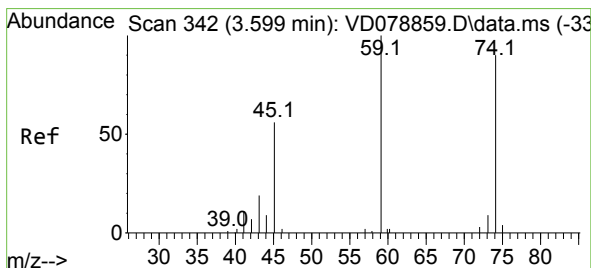
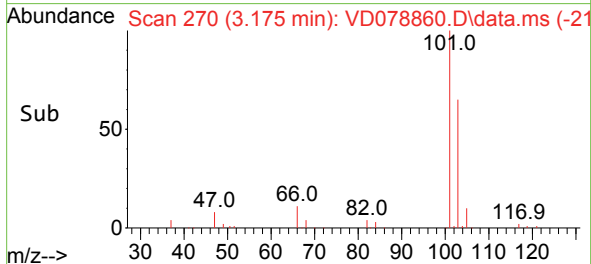
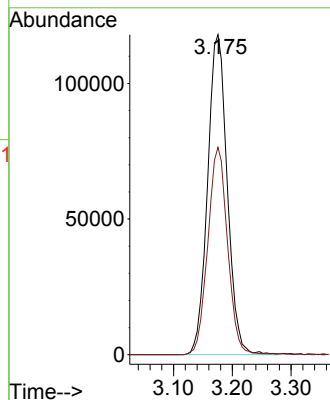


#7
Trichlorofluoromethane
Concen: 94.370 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :

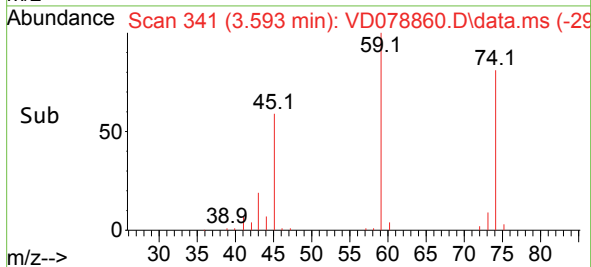
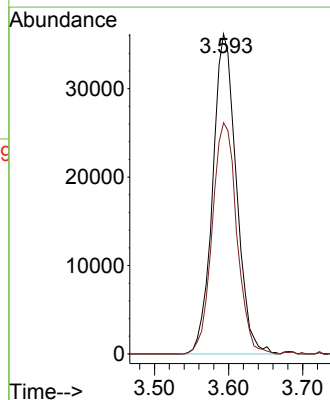
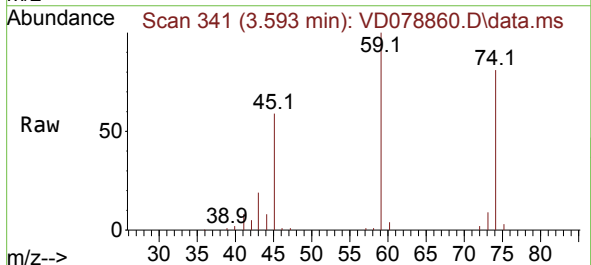


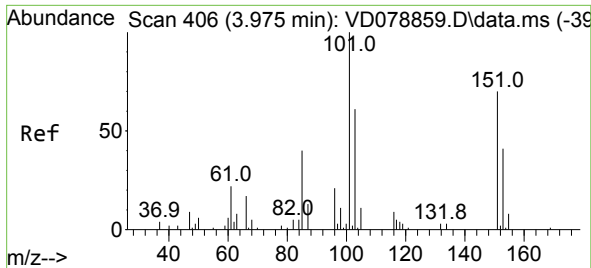
Tgt Ion:101 Resp: 274120
Ion Ratio Lower Upper
101 100
103 64.8 49.7 74.5



#8
Diethyl Ether
Concen: 101.090 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 74 Resp: 80067
Ion Ratio Lower Upper
74 100
45 75.3 42.4 127.3

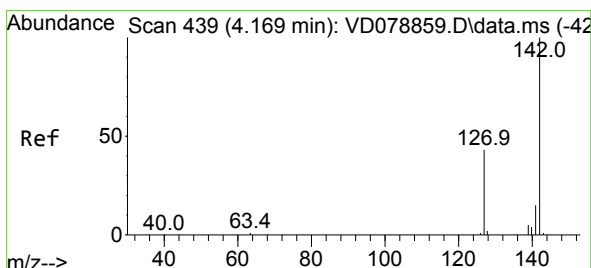
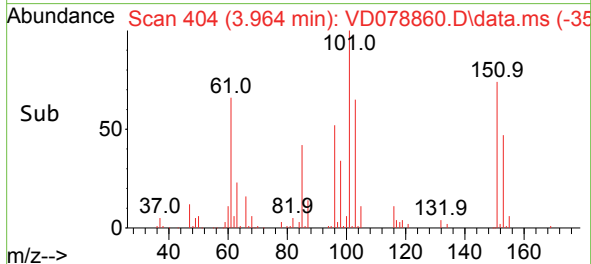
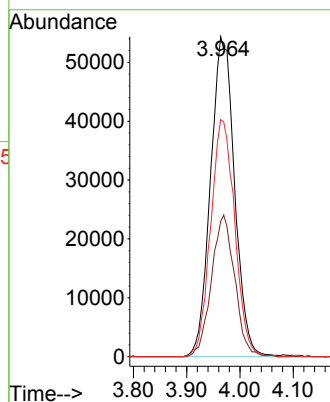
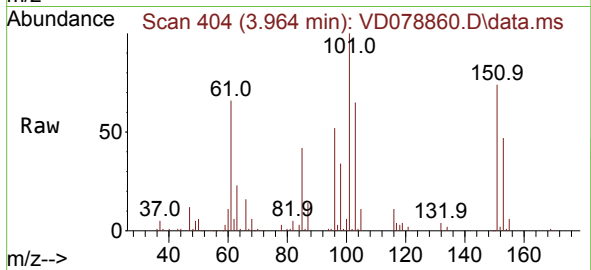




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.432 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

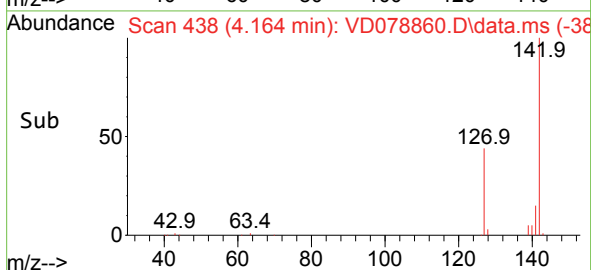
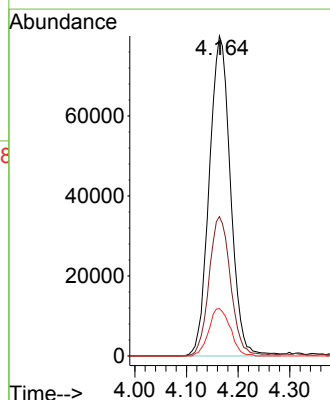
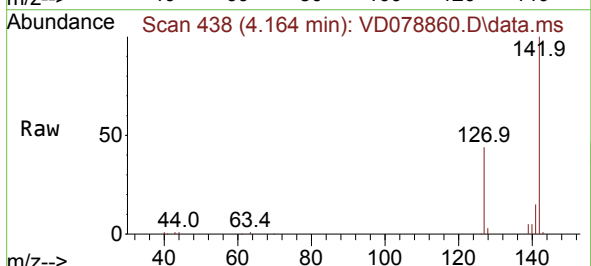
Instrument :
MSVOA_D
ClientSampleId :

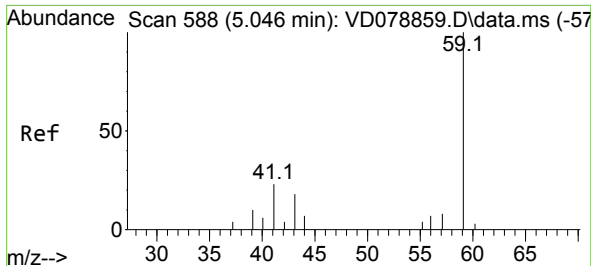
Tgt Ion:101 Resp: 170032
Ion Ratio Lower Upper
101 100
85 42.9 35.8 53.6
151 74.3 59.4 89.2



#10
Methyl Iodide
Concen: 107.416 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion:142 Resp: 228276
Ion Ratio Lower Upper
142 100
127 44.1 33.5 50.3
141 15.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 466.444 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.018 min

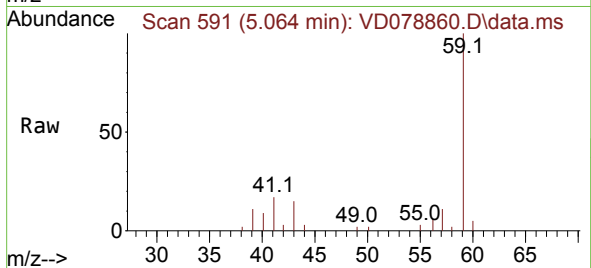
Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

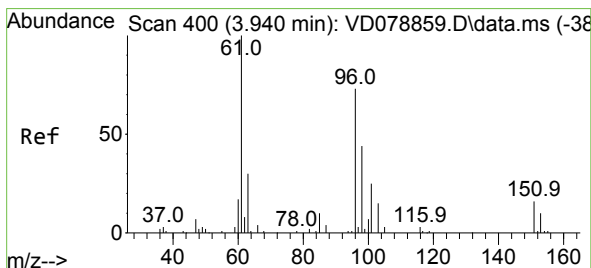
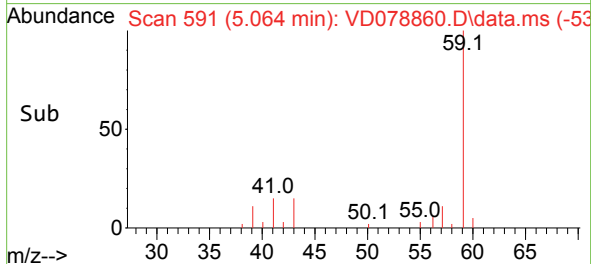
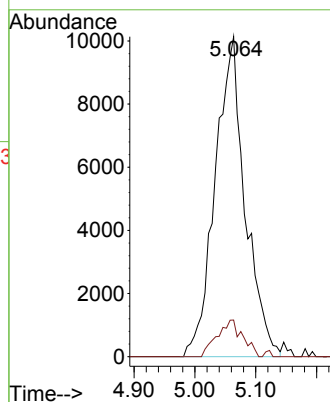


Tgt Ion: 59 Resp: 34706

Ion Ratio Lower Upper

59 100

57 9.8 7.4 11.0



#12

1,1-Dichloroethene

Concen: 99.066 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

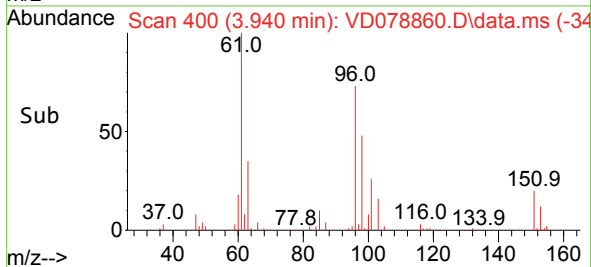
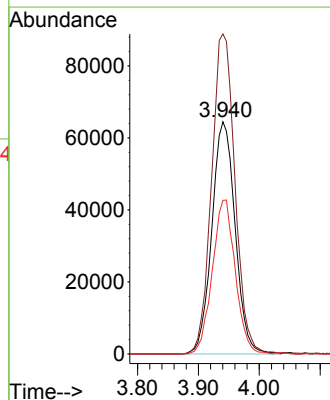
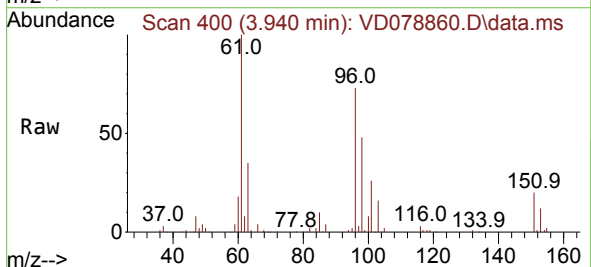
Tgt Ion: 96 Resp: 171415

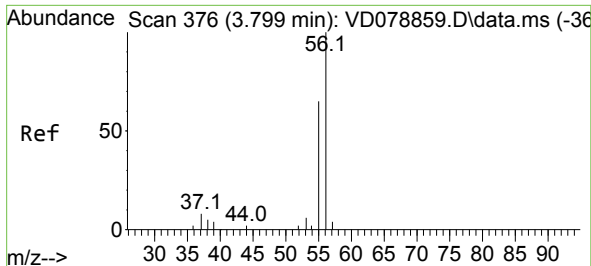
Ion Ratio Lower Upper

96 100

61 137.8 101.4 152.0

98 66.2 43.4 65.0#





#13

Acrolein

Concen: 456.756 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

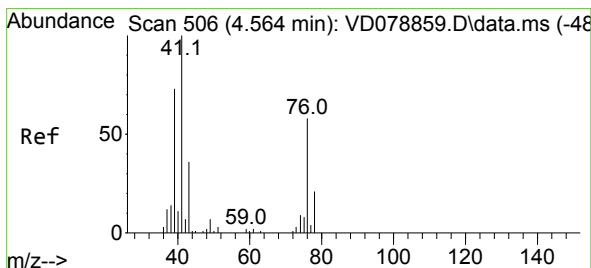
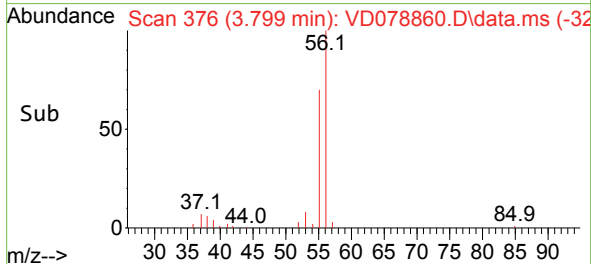
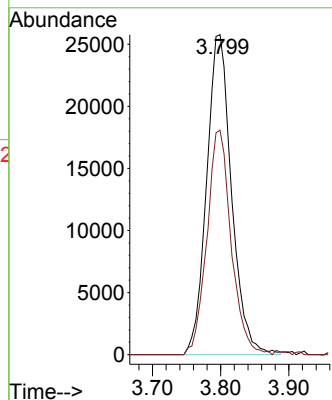
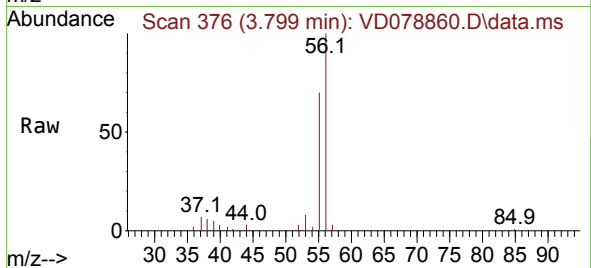
ClientSampleId :

Tgt Ion: 56 Resp: 65639

Ion Ratio Lower Upper

56 100

55 68.1 54.9 82.3



#14

Allyl chloride

Concen: 104.411 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

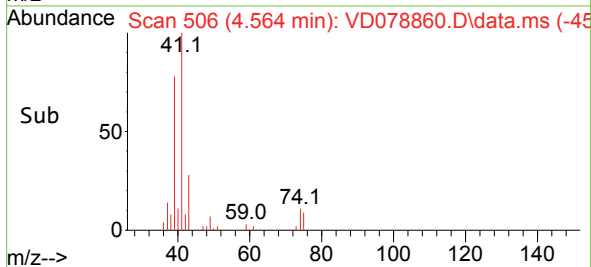
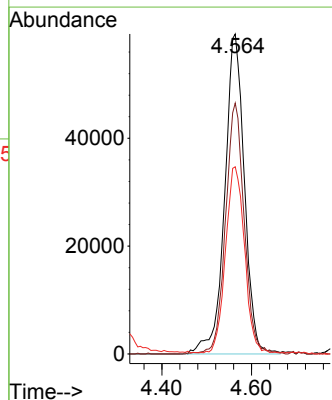
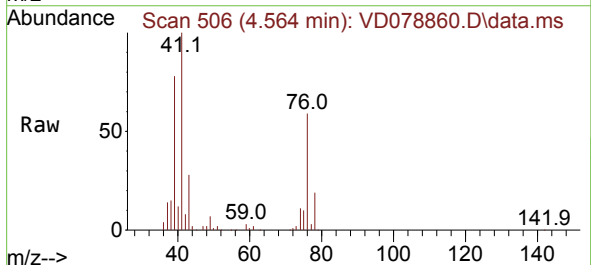
Tgt Ion: 41 Resp: 181352

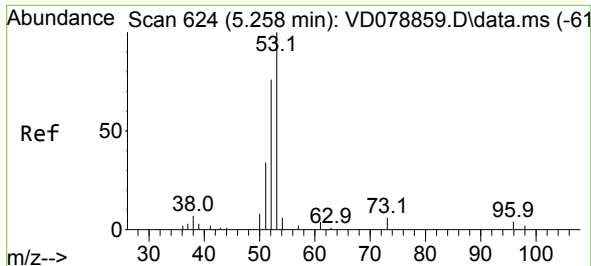
Ion Ratio Lower Upper

41 100

39 74.6 57.8 86.6

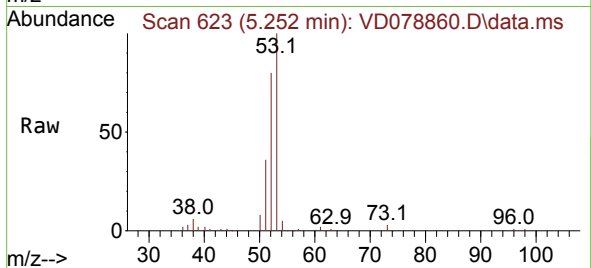
76 56.2 44.8 67.2



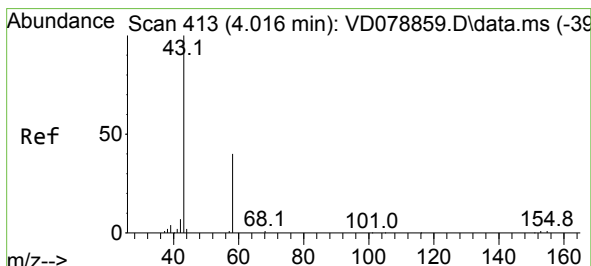
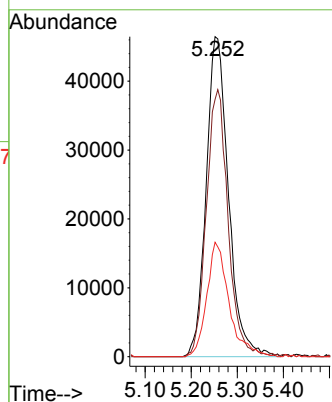
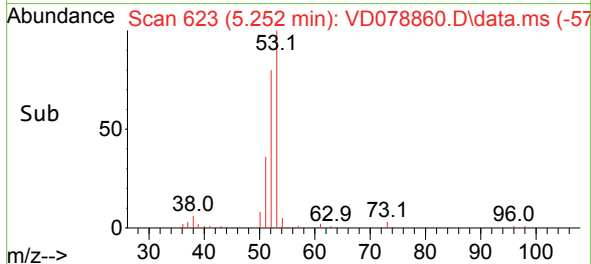


#15
Acrylonitrile
Concen: 496.006 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :

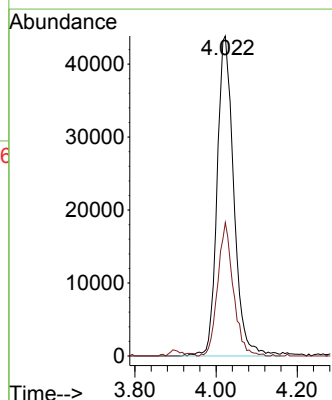
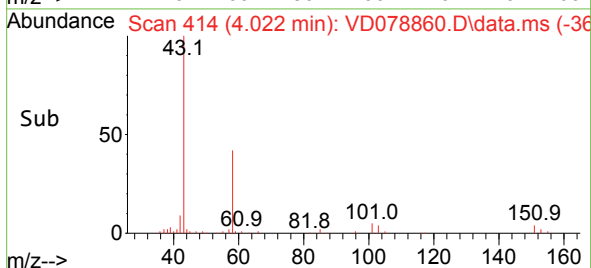
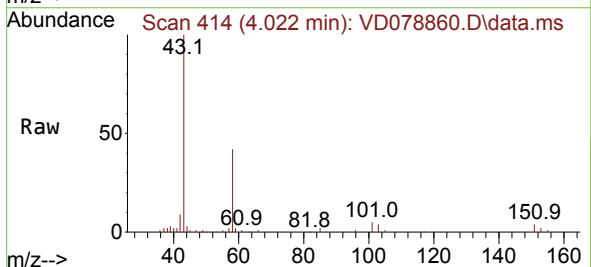


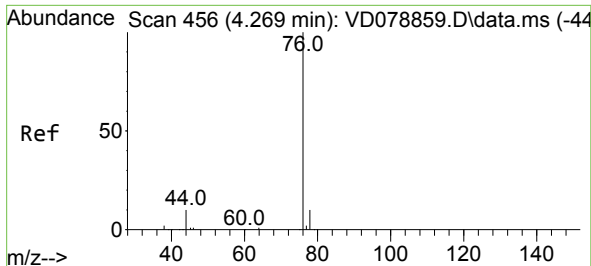
Tgt Ion: 53 Resp: 156384
Ion Ratio Lower Upper
53 100
52 81.0 61.9 92.9
51 35.8 29.0 43.4



#16
Acetone
Concen: 517.116 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 43 Resp: 125258
Ion Ratio Lower Upper
43 100
58 41.7 28.2 42.4





#17

Carbon Disulfide

Concen: 97.869 ug/l

RT: 4.270 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

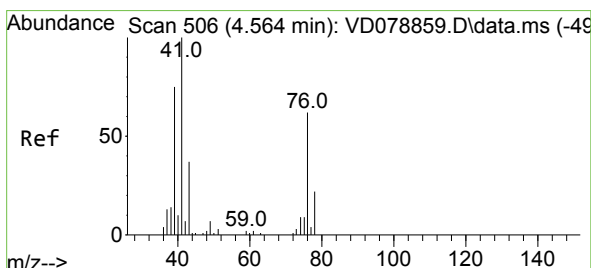
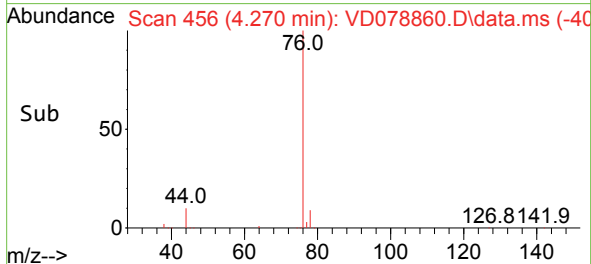
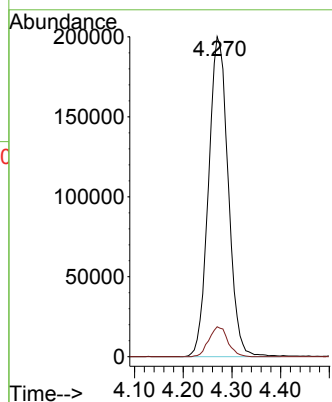
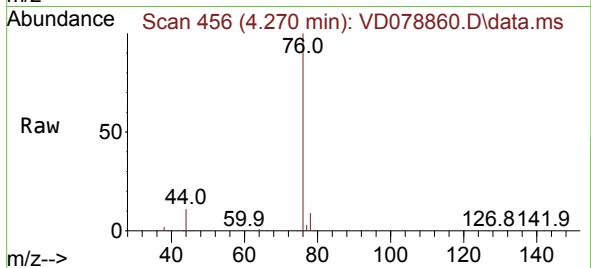
ClientSampleId :

Tgt Ion: 76 Resp: 560005

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



#18

Methyl Acetate

Concen: 90.743 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078860.D

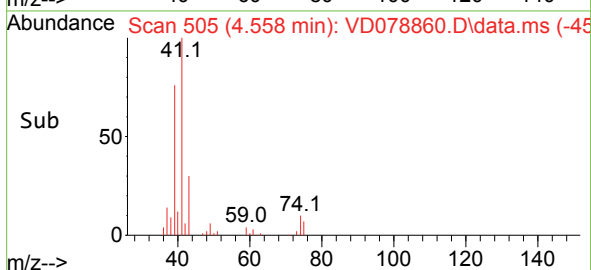
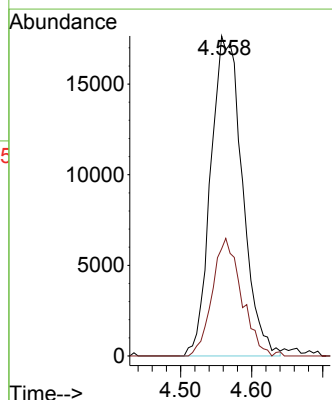
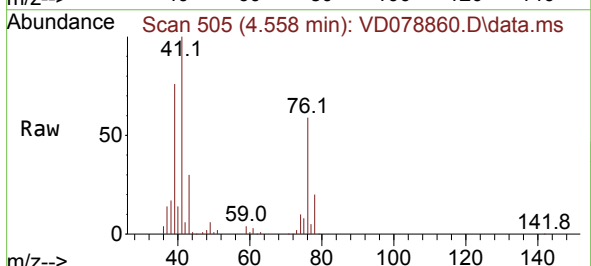
Acq: 01 May 2024 13:38

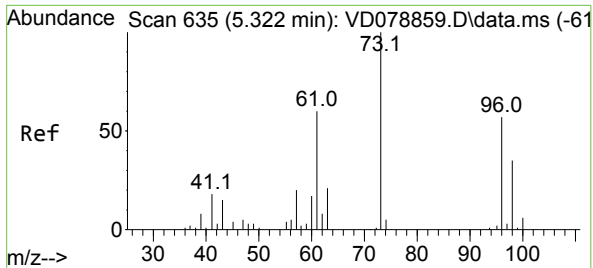
Tgt Ion: 43 Resp: 54488

Ion Ratio Lower Upper

43 100

74 33.9 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 107.763 ug/l

RT: 5.317 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

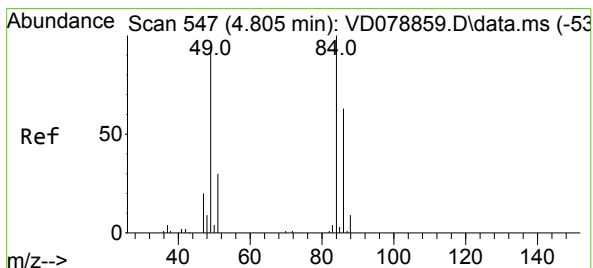
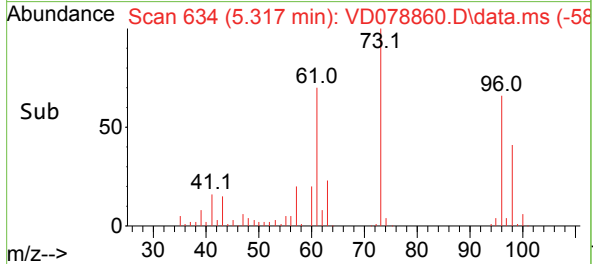
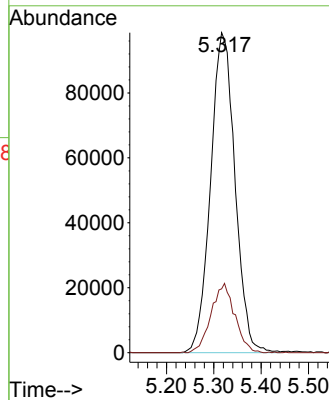
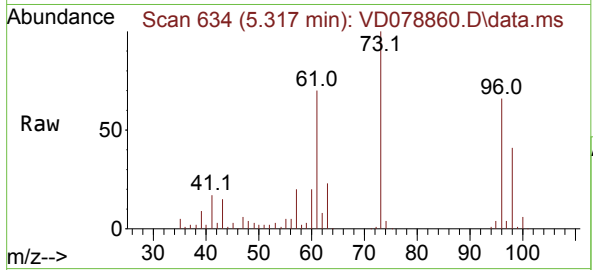
ClientSampleId :

Tgt Ion: 73 Resp: 352883

Ion Ratio Lower Upper

73 100

57 19.9 16.4 24.6



#20

Methylene Chloride

Concen: 100.434 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Tgt Ion: 84 Resp: 195368

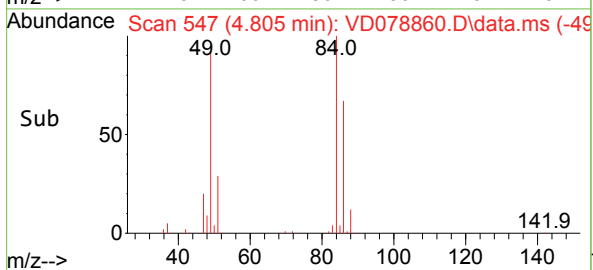
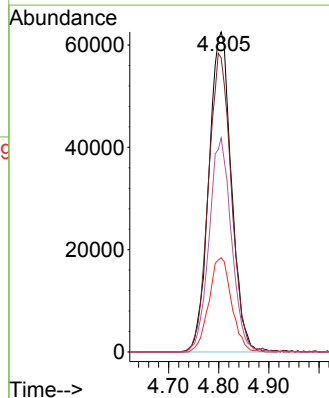
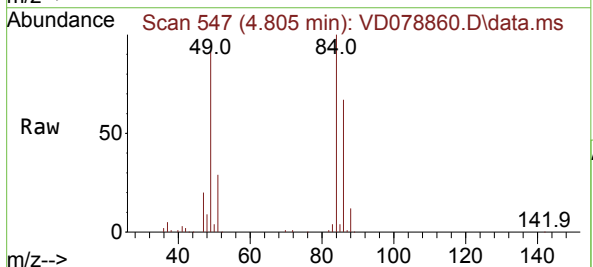
Ion Ratio Lower Upper

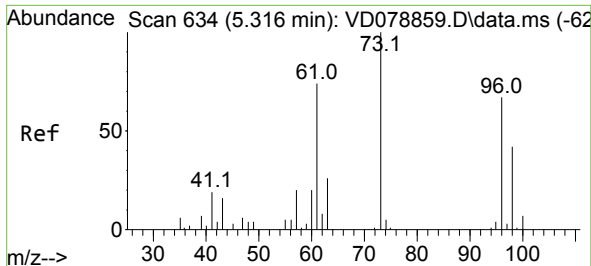
84 100

49 91.9 75.6 113.4

51 29.5 23.4 35.0

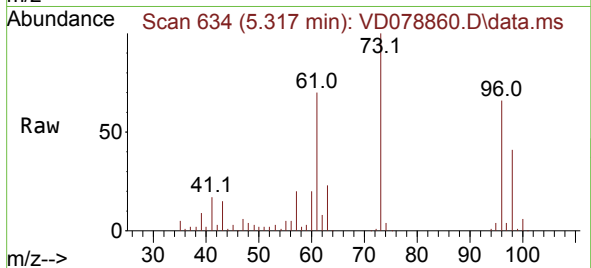
86 66.9 47.8 71.6



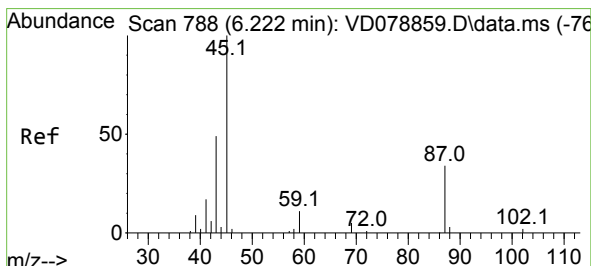
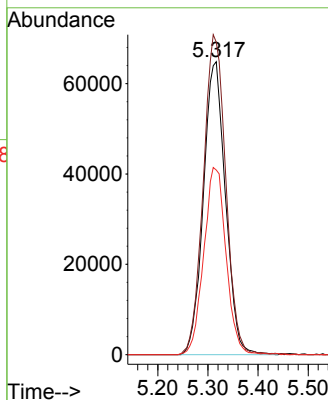
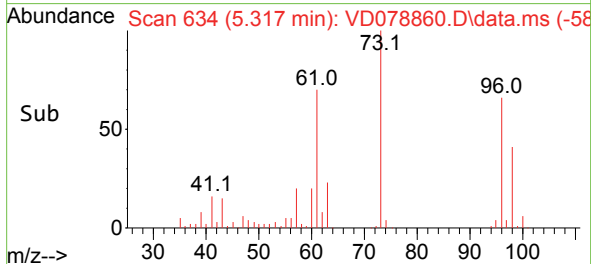


#21
trans-1,2-Dichloroethene
Concen: 102.395 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

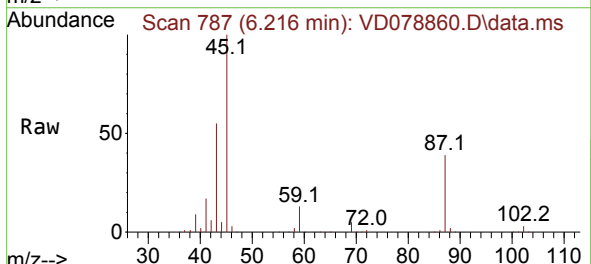
Instrument :
MSVOA_D
ClientSampleId :



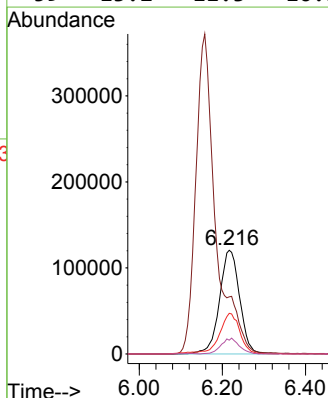
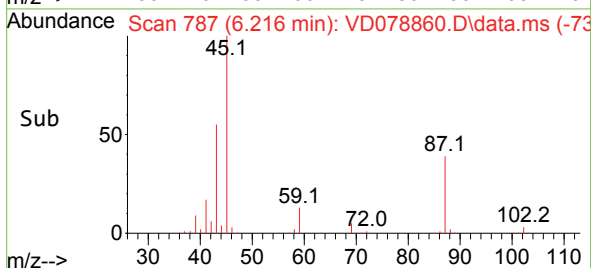
Tgt Ion: 96 Resp: 198670
Ion Ratio Lower Upper
96 100
61 106.7 96.1 144.1
98 63.1 48.9 73.3

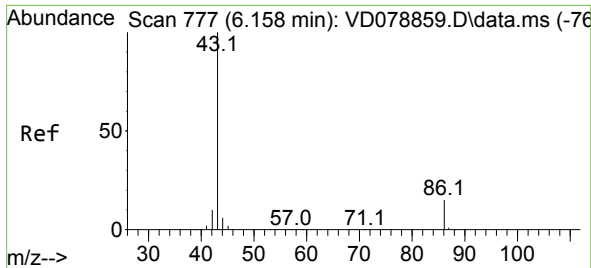


#22
Diisopropyl ether
Concen: 105.436 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38



Tgt Ion: 45 Resp: 404950
Ion Ratio Lower Upper
45 100
43 54.4 44.3 66.5
87 39.1 28.3 42.5
59 13.2 11.3 16.9

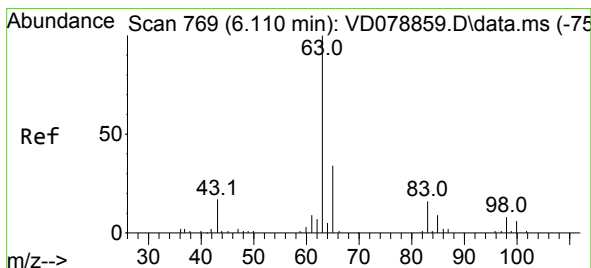
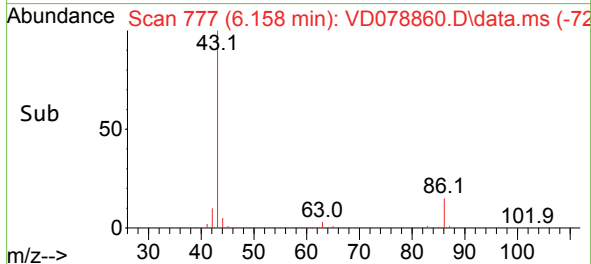
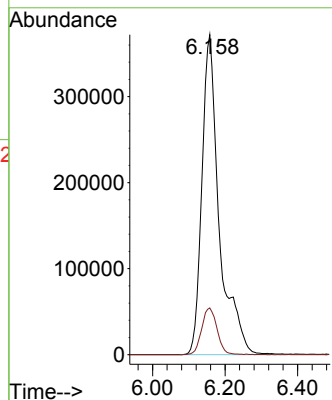
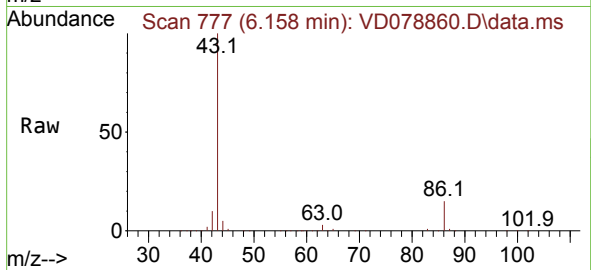




#23
 Vinyl Acetate
 Concen: 534.021 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078860.D
 Acq: 01 May 2024 13:38

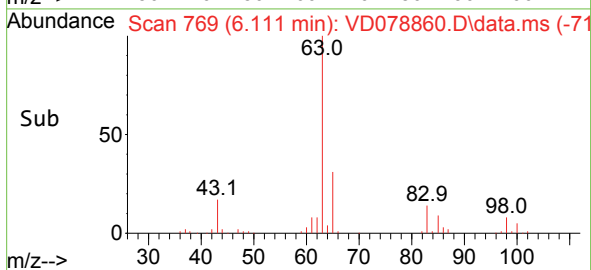
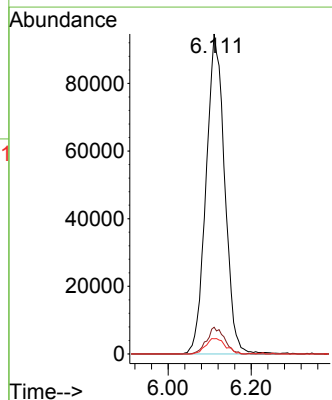
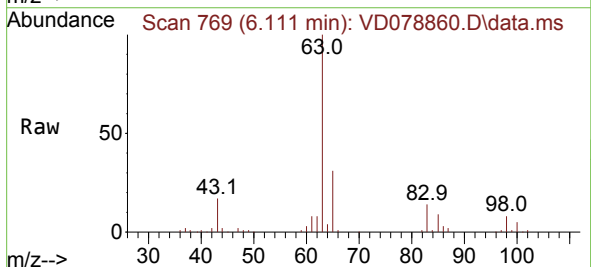
Instrument :
 MSVOA_D
 ClientSampleId :

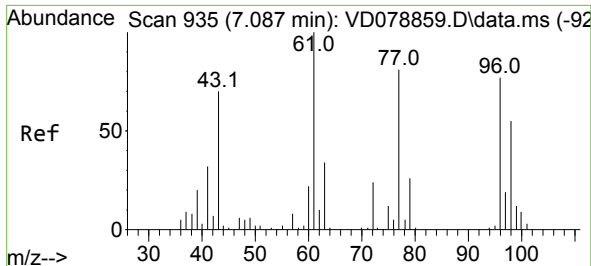
Tgt Ion: 43 Resp: 1236505
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 95.066 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078860.D
 Acq: 01 May 2024 13:38

Tgt Ion: 63 Resp: 293953
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 11.9
 100 4.8 2.7 8.1

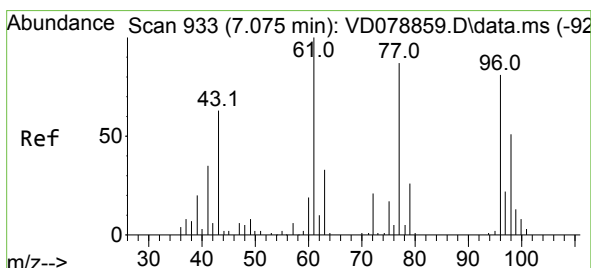
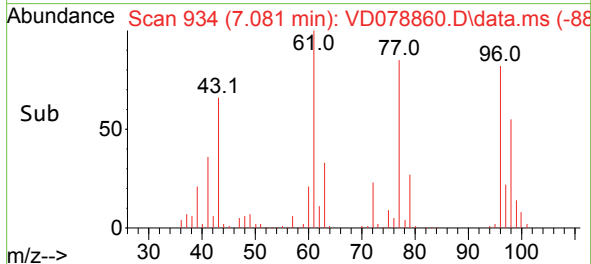
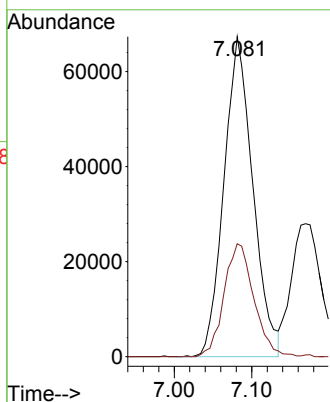
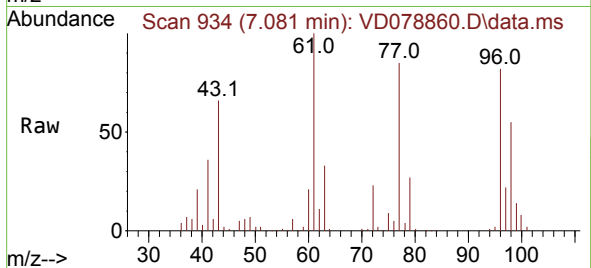




#25
2-Butanone
Concen: 514.726 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

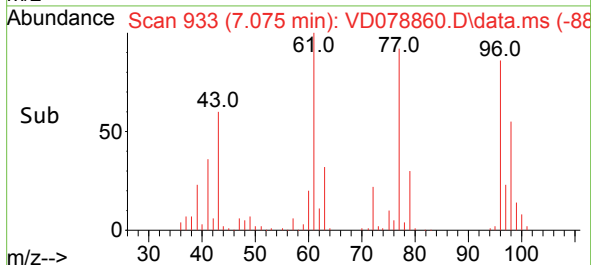
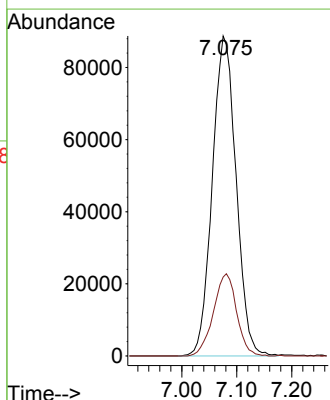
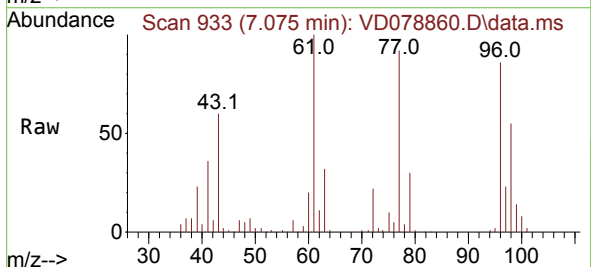
Instrument :
MSVOA_D
ClientSampleId :

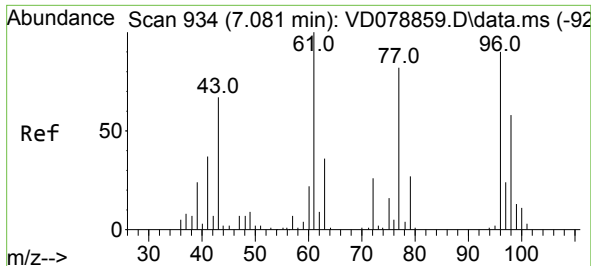
Tgt Ion: 43 Resp: 174852
Ion Ratio Lower Upper
43 100
72 35.3 25.0 37.6



#26
2,2-Dichloropropane
Concen: 102.229 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 77 Resp: 266723
Ion Ratio Lower Upper
77 100
97 25.1 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 104.185 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

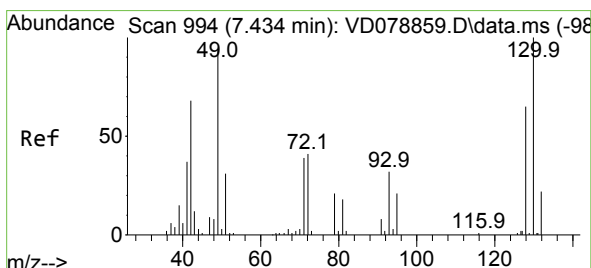
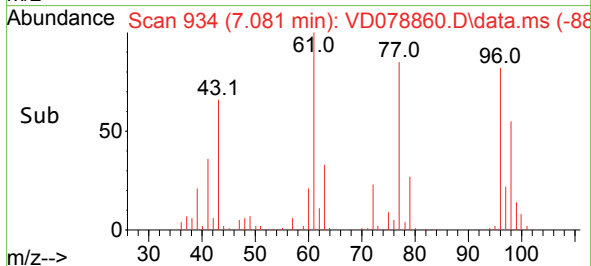
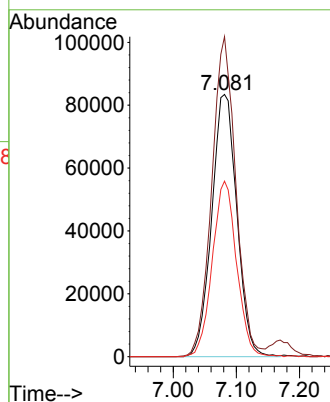
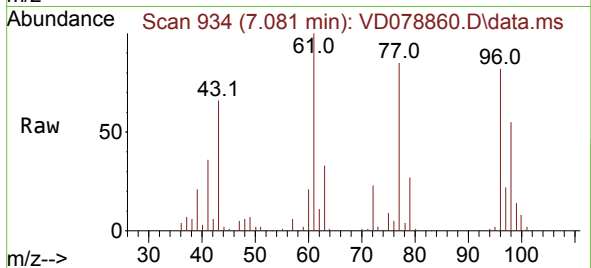
Tgt Ion: 96 Resp: 230894

Ion Ratio Lower Upper

96 100

61 117.2 0.0 245.0

98 64.6 0.0 126.6



#28

Bromochloromethane

Concen: 90.914 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

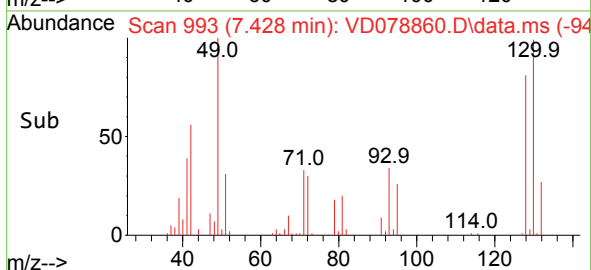
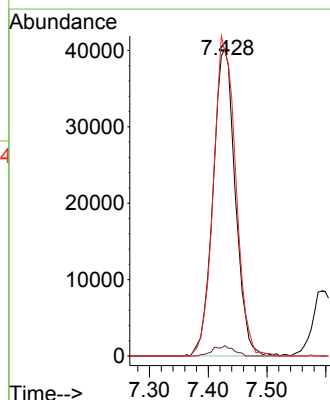
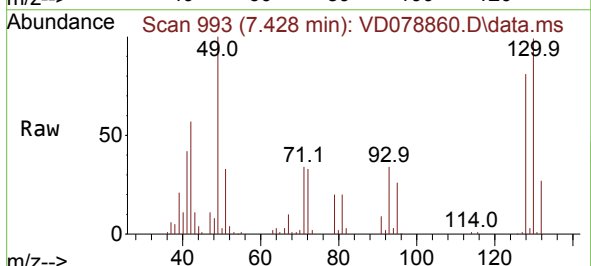
Tgt Ion: 49 Resp: 105765

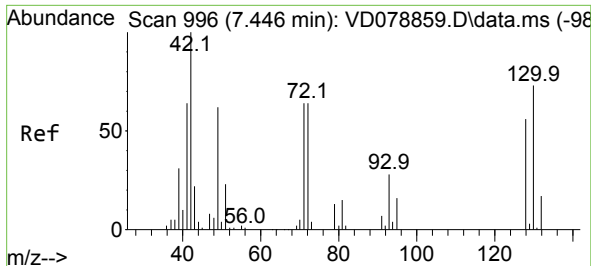
Ion Ratio Lower Upper

49 100

129 3.1 0.0 6.2

130 104.3 77.1 115.7





#29

Tetrahydrofuran

Concen: 523.207 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

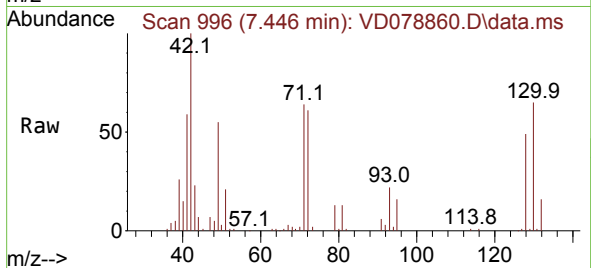
Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :



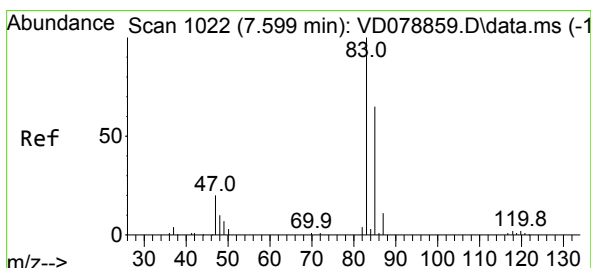
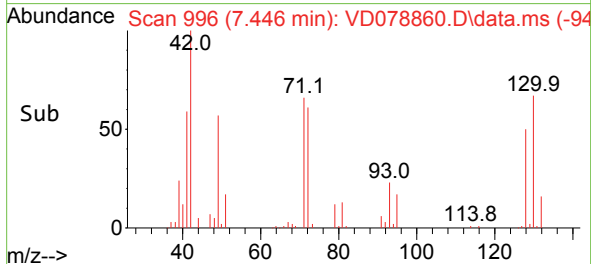
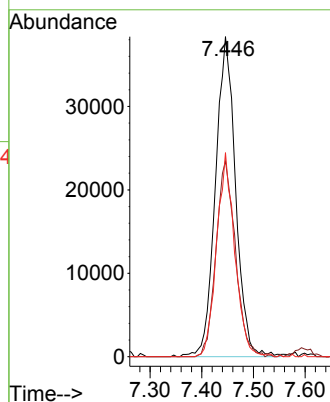
Tgt Ion: 42 Resp: 103999

Ion Ratio Lower Upper

42 100

72 59.0 43.8 65.6

71 57.1 42.0 63.0



#30

Chloroform

Concen: 96.438 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078860.D

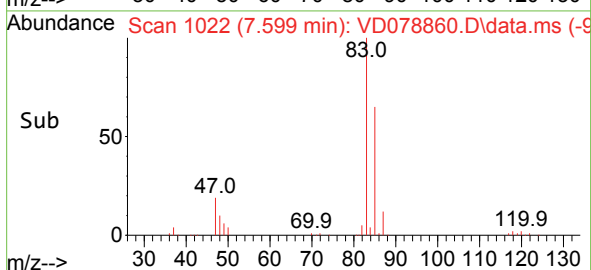
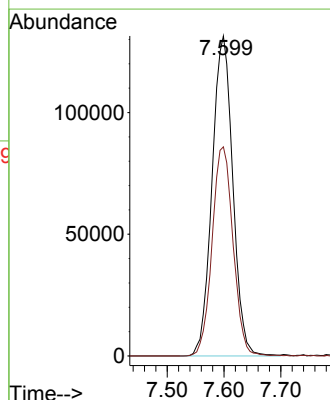
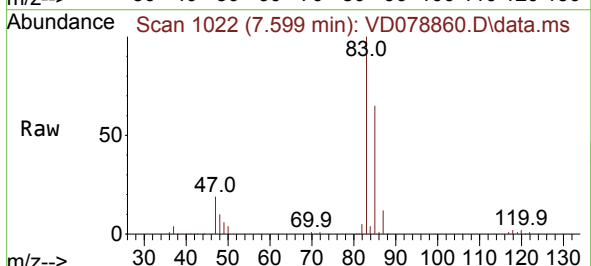
Acq: 01 May 2024 13:38

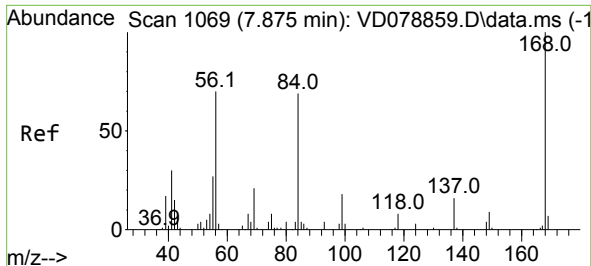
Tgt Ion: 83 Resp: 332761

Ion Ratio Lower Upper

83 100

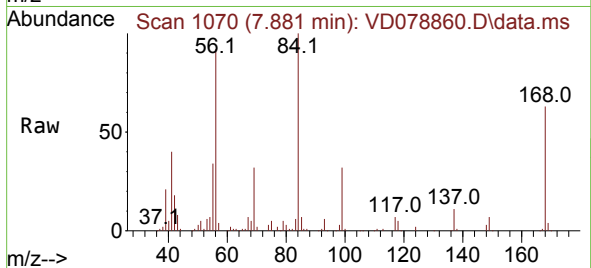
85 65.3 51.2 76.8



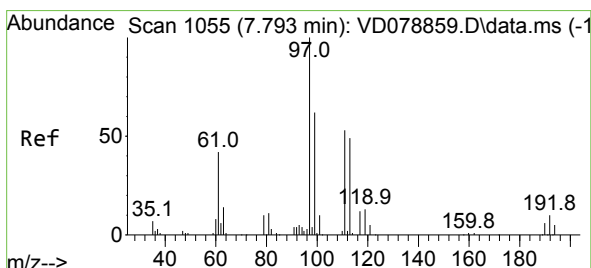
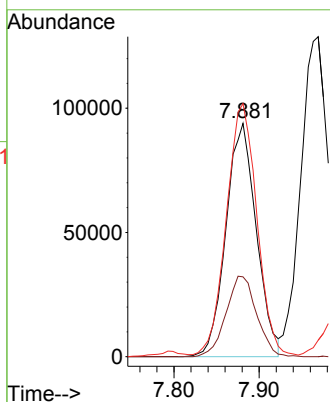
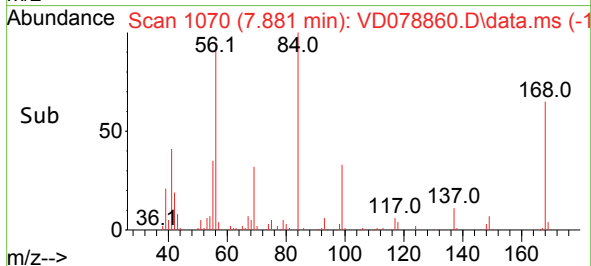


#31
Cyclohexane
Concen: 96.493 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

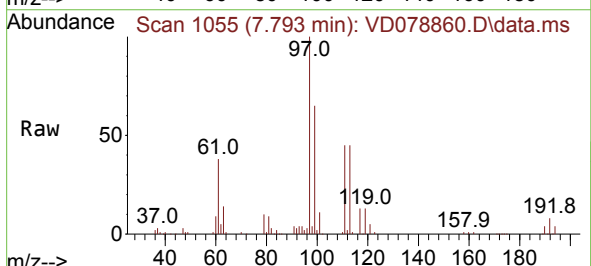
Instrument :
MSVOA_D
ClientSampleId :



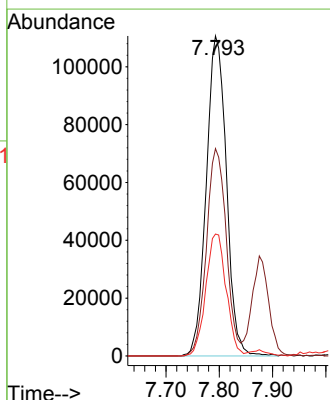
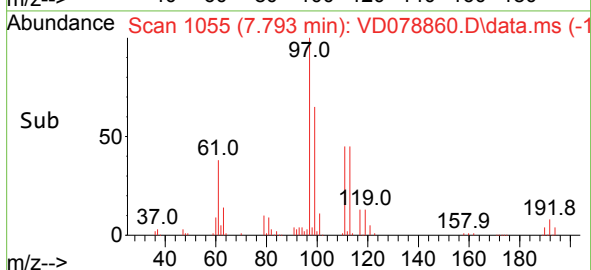
Tgt Ion: 56 Resp: 232700
Ion Ratio Lower Upper
56 100
69 34.2 26.6 40.0
84 107.1 79.4 119.2

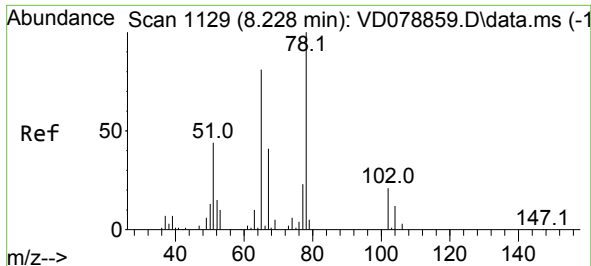


#32
1,1,1-Trichloroethane
Concen: 99.921 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38



Tgt Ion: 97 Resp: 290795
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 38.6 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 93.609 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

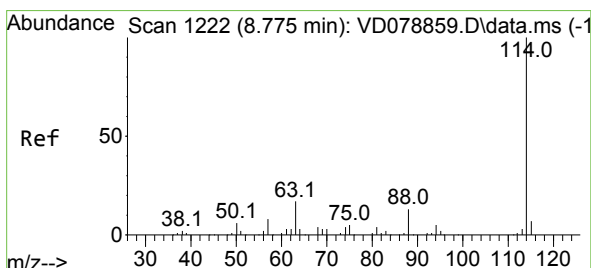
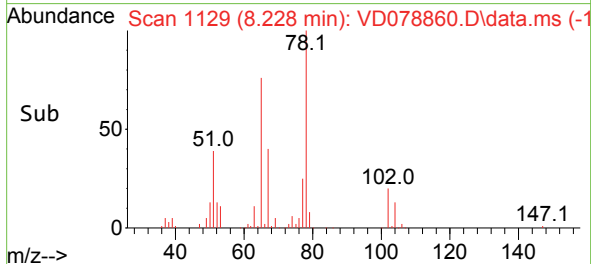
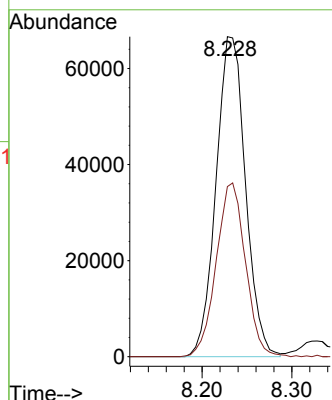
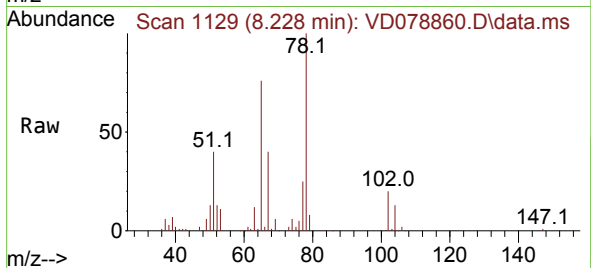
ClientSampleId :

Tgt Ion: 65 Resp: 152053

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

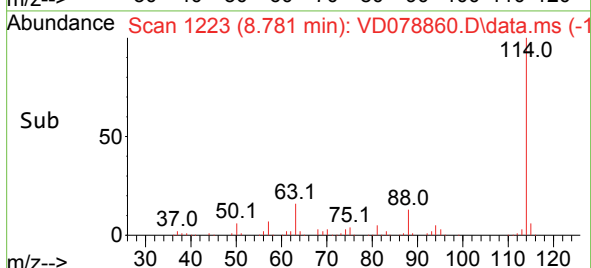
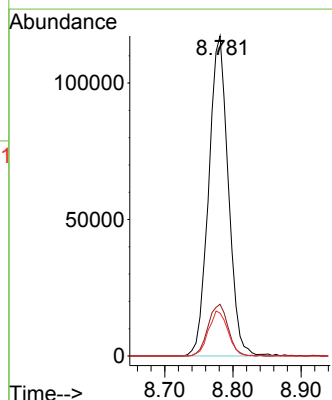
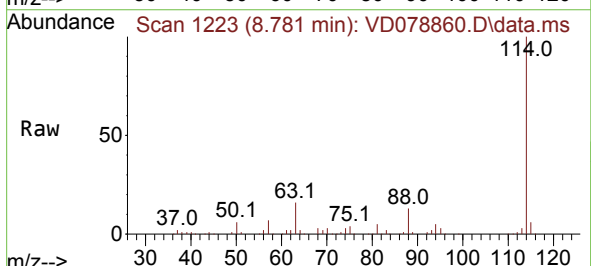
Tgt Ion: 114 Resp: 234611

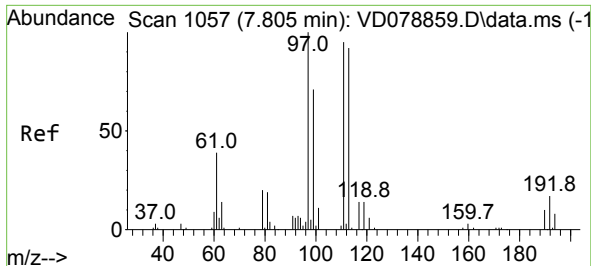
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 13.4 0.0 24.6





#35

Dibromofluoromethane

Concen: 105.067 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

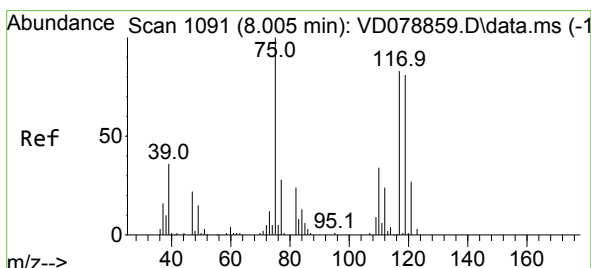
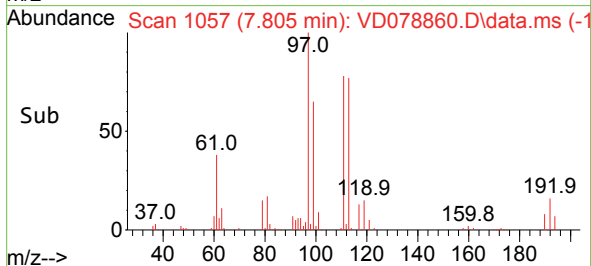
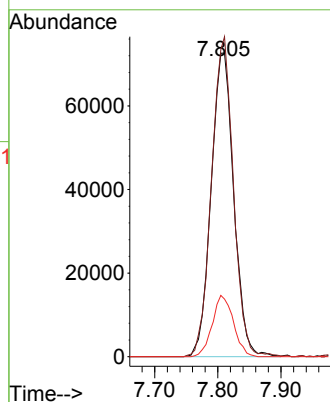
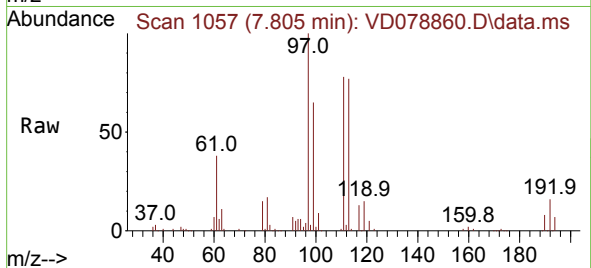
Tgt Ion:113 Resp: 180988

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 18.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 106.628 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

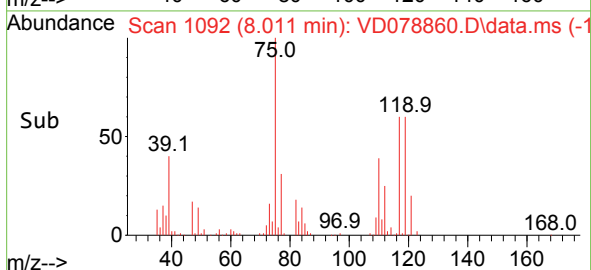
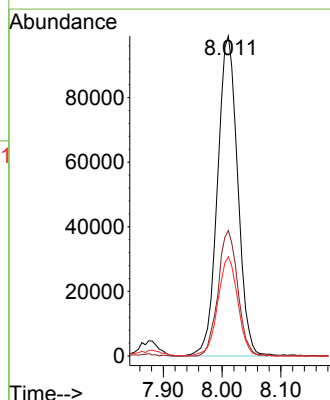
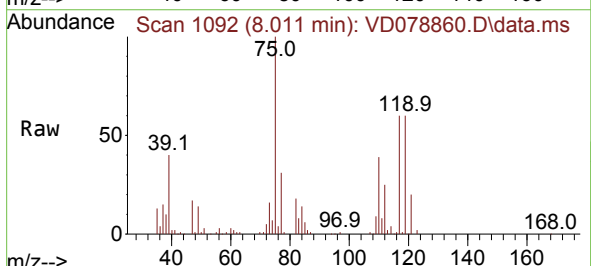
Tgt Ion: 75 Resp: 236254

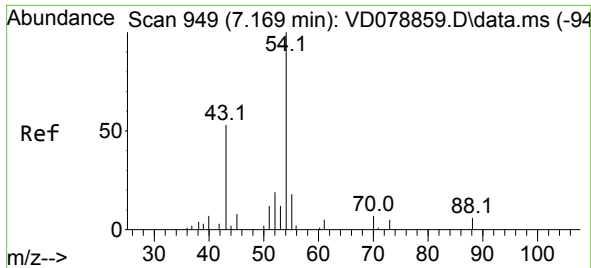
Ion Ratio Lower Upper

75 100

110 38.2 19.1 57.1

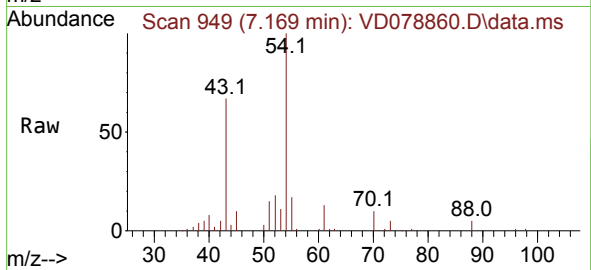
77 30.8 25.4 38.2



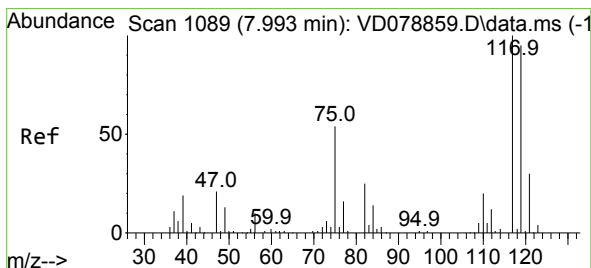
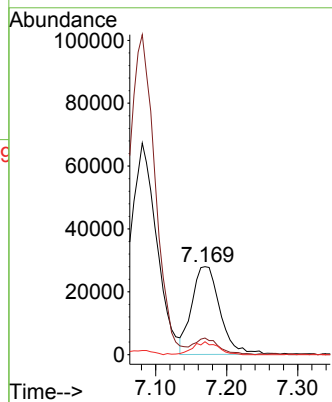
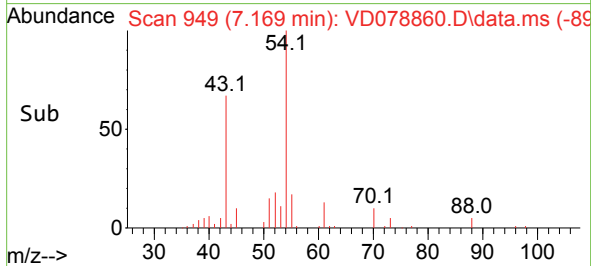


#37
Ethyl Acetate
Concen: 105.021 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :

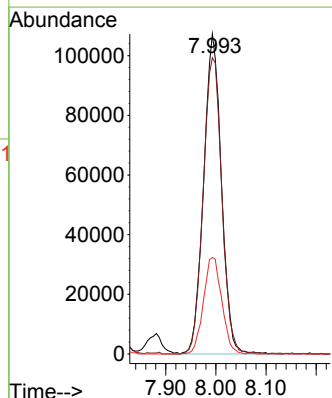
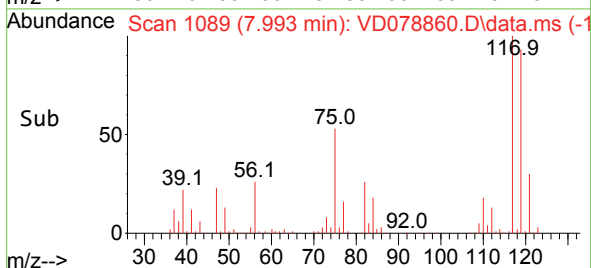
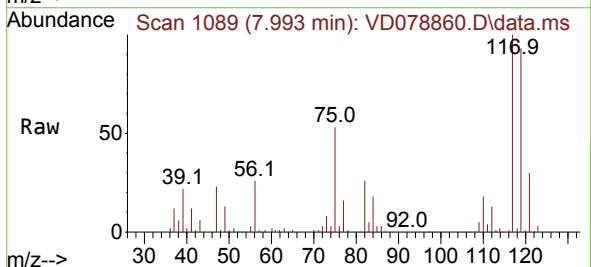


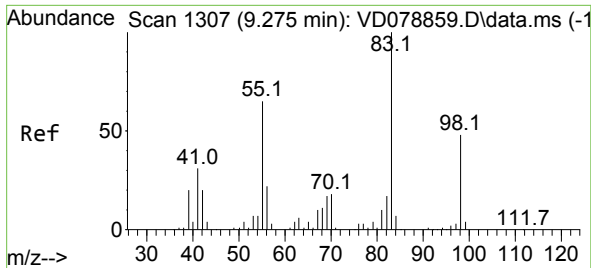
Tgt Ion: 43 Resp: 76966
Ion Ratio Lower Upper
43 100
61 16.4 14.6 21.8
70 13.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 103.527 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 117 Resp: 264042
Ion Ratio Lower Upper
117 100
119 92.6 79.2 118.8
121 30.1 26.8 40.2

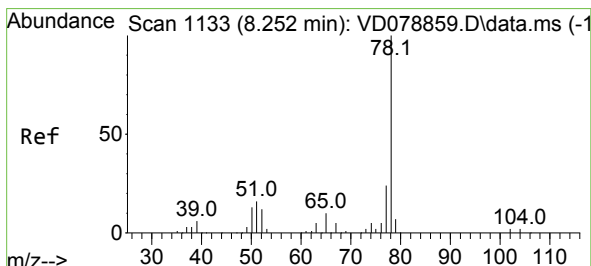
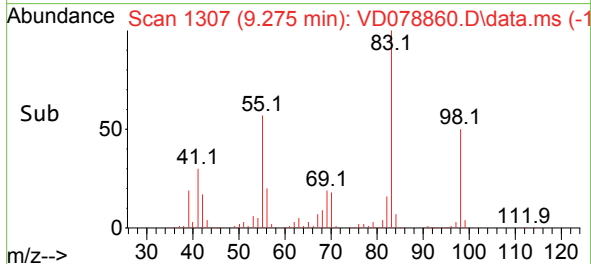
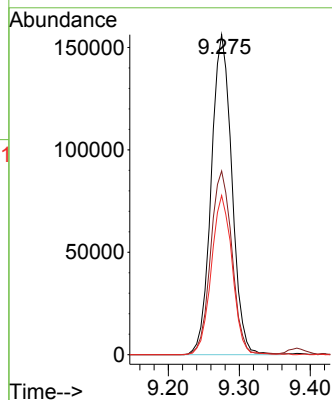
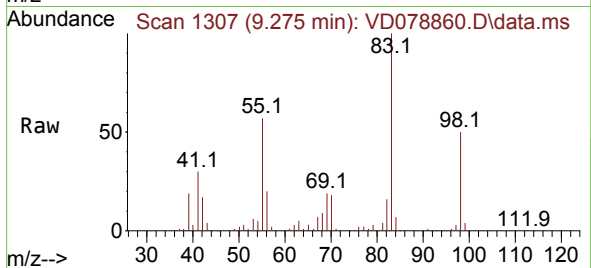




#39
Methylcyclohexane
Concen: 115.360 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

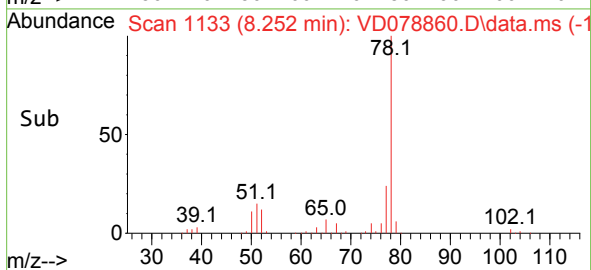
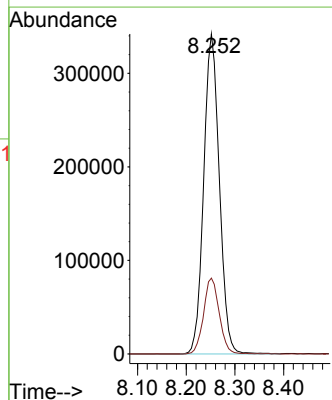
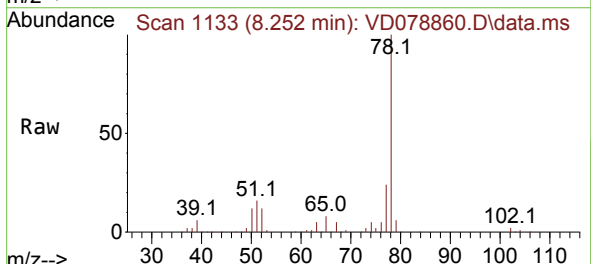
Instrument :
MSVOA_D
ClientSampleId :

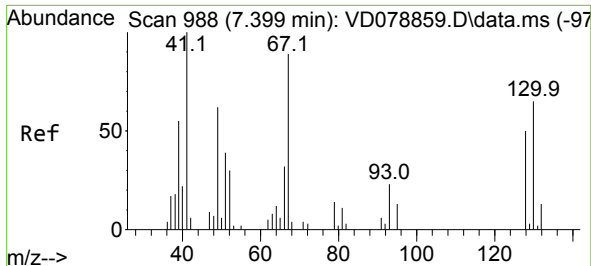
Tgt Ion: 83 Resp: 314947
Ion Ratio Lower Upper
83 100
55 57.4 51.7 77.5
98 49.8 41.4 62.0



#40
Benzene
Concen: 105.129 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 78 Resp: 762823
Ion Ratio Lower Upper
78 100
77 23.7 20.4 30.6

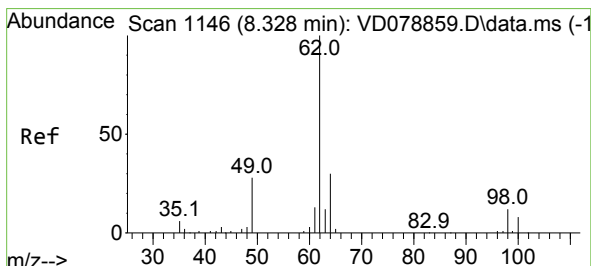
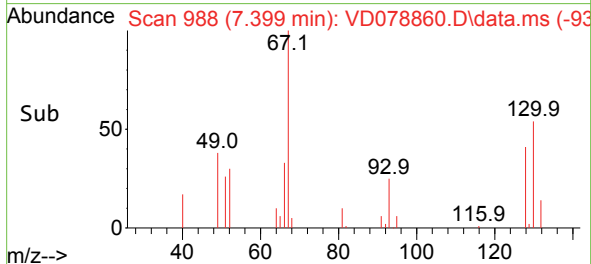
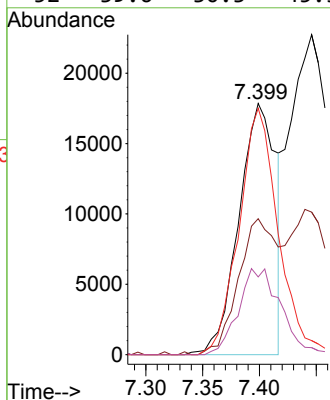
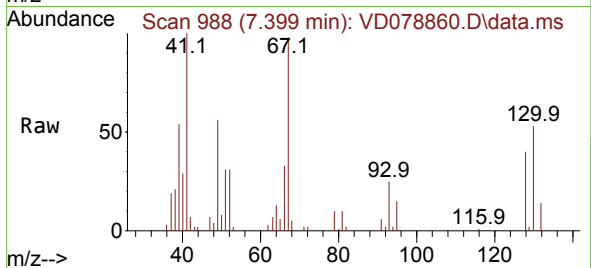




#41
Methacrylonitrile
Concen: 111.694 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

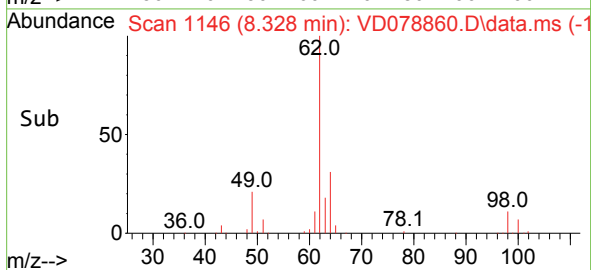
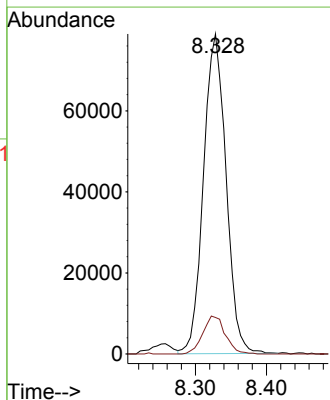
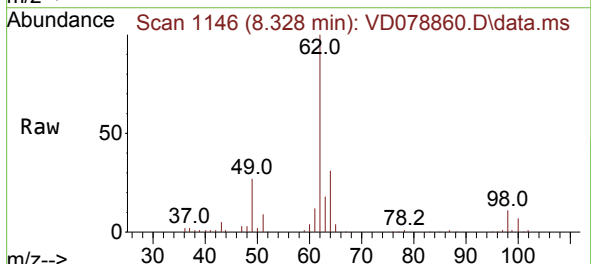
Instrument :
MSVOA_D
ClientSampleId :

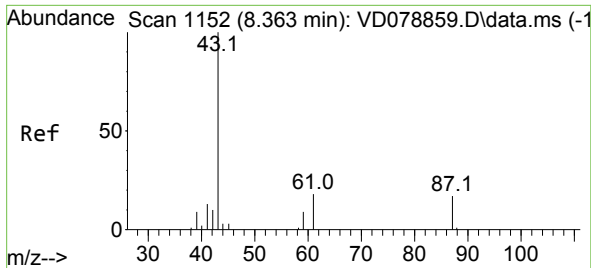
Tgt Ion: 41	Resp: 40422
Ion Ratio	Lower Upper
41 100	
39 54.8	39.8 59.6
67 104.7	83.5 125.3
52 39.6	30.3 45.5



#42
1,2-Dichloroethane
Concen: 101.600 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 62	Resp: 174043
Ion Ratio	Lower Upper
62 100	
98 11.8	0.0 23.8

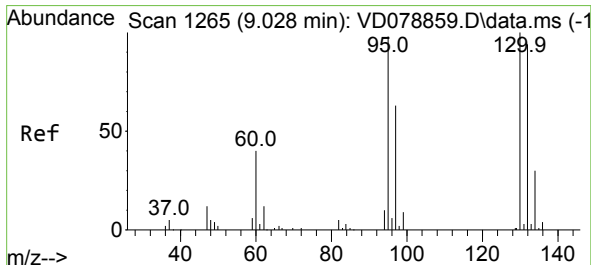
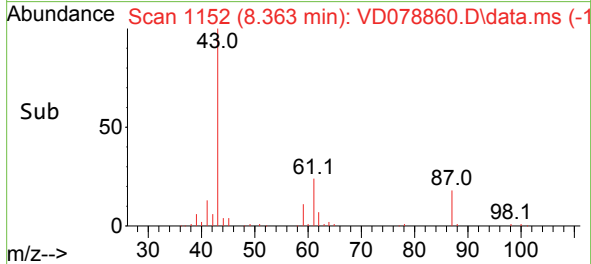
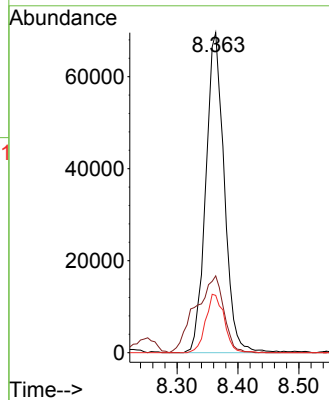
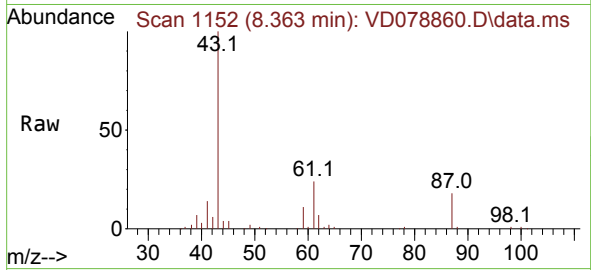




#43
Isopropyl Acetate
Concen: 109.174 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

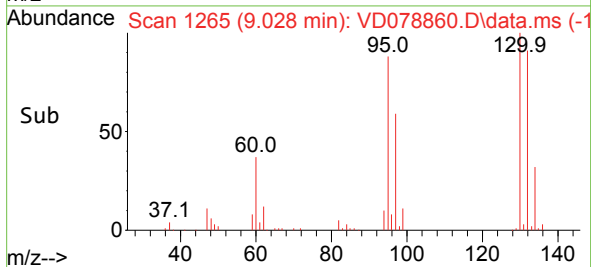
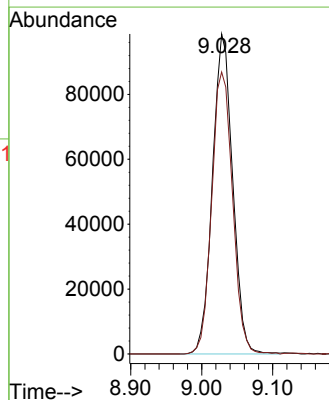
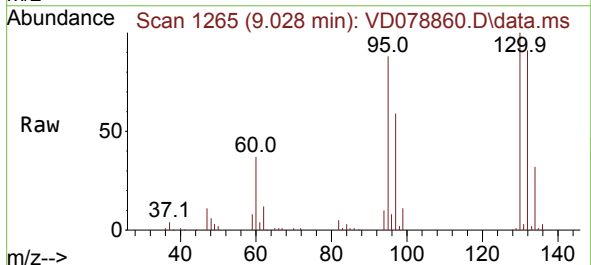
Instrument :
MSVOA_D
ClientSampleId :

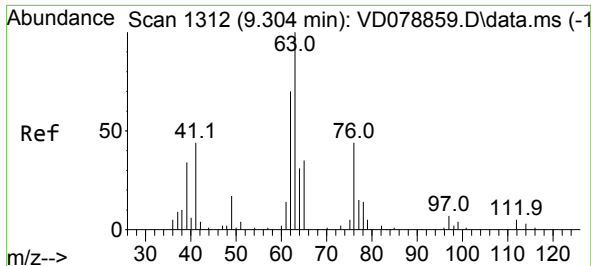
Tgt Ion: 43 Resp: 146350
Ion Ratio Lower Upper
43 100
61 36.6 30.1 45.1
87 18.4 14.4 21.6



#44
Trichloroethene
Concen: 106.668 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion:130 Resp: 194968
Ion Ratio Lower Upper
130 100
95 88.1 0.0 197.8





#45

1,2-Dichloropropane

Concen: 101.884 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

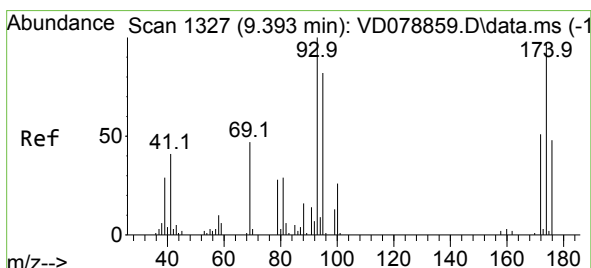
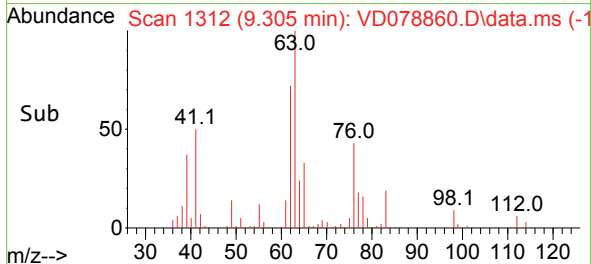
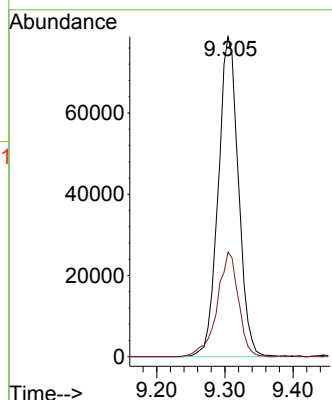
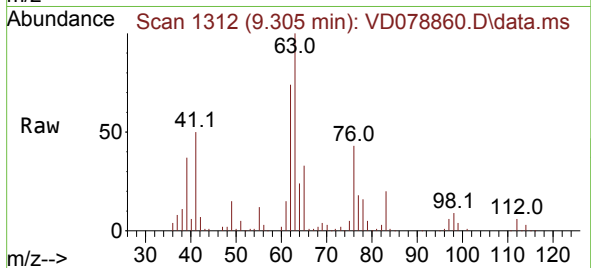
ClientSampleId :

Tgt Ion: 63 Resp: 162128

Ion Ratio Lower Upper

63 100

65 32.7 24.8 37.2



#46

Dibromomethane

Concen: 101.626 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

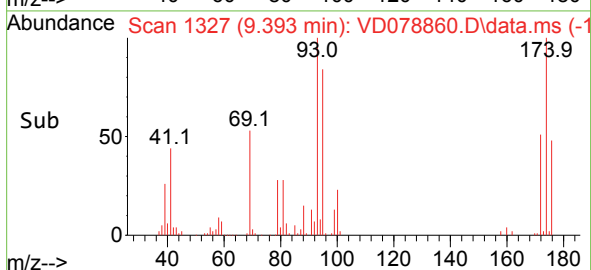
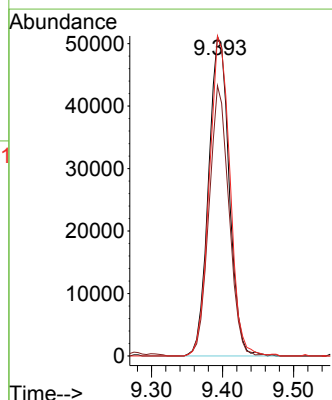
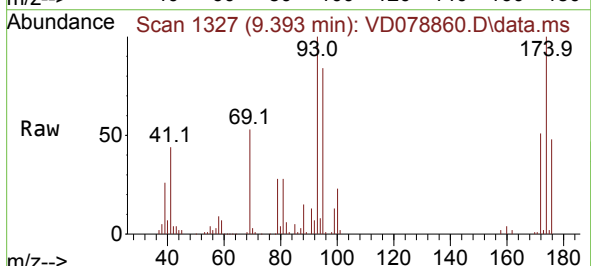
Tgt Ion: 93 Resp: 102955

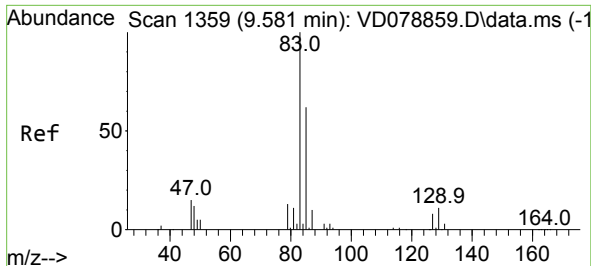
Ion Ratio Lower Upper

93 100

95 81.6 67.3 100.9

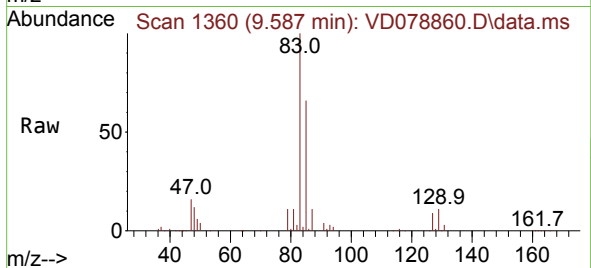
174 100.1 80.9 121.3



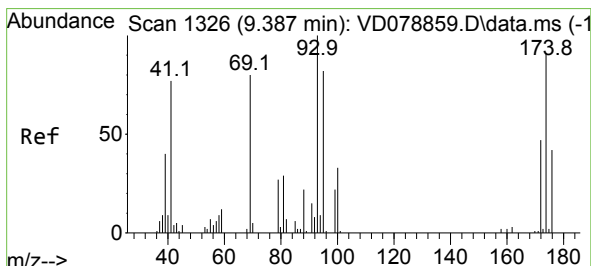
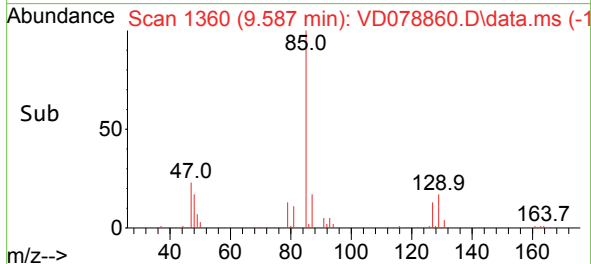
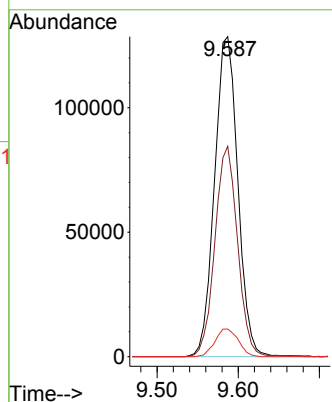


#47
Bromodichloromethane
Concen: 102.148 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :

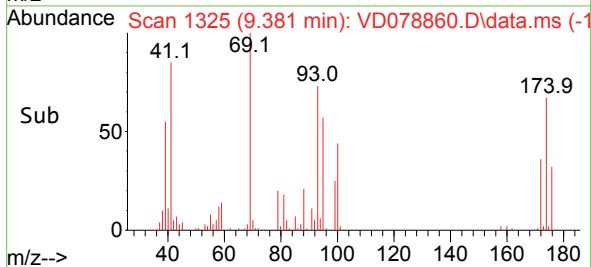
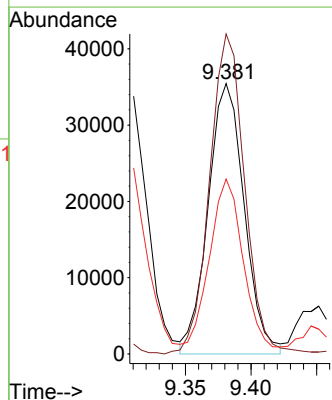
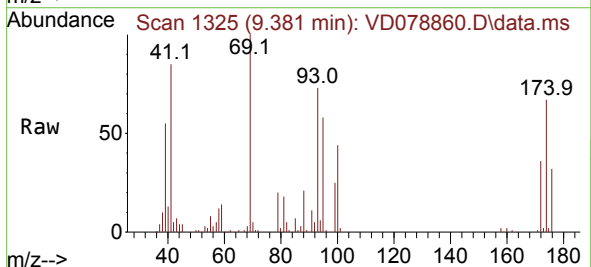


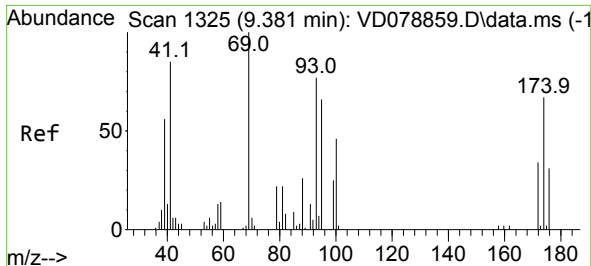
Tgt Ion: 83 Resp: 256242
Ion Ratio Lower Upper
83 100
85 65.7 54.0 81.0
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 108.138 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 41 Resp: 67947
Ion Ratio Lower Upper
41 100
69 114.9 88.3 132.5
39 56.4 46.6 69.8





#49

1,4-Dioxane

Concen: 2266.330 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

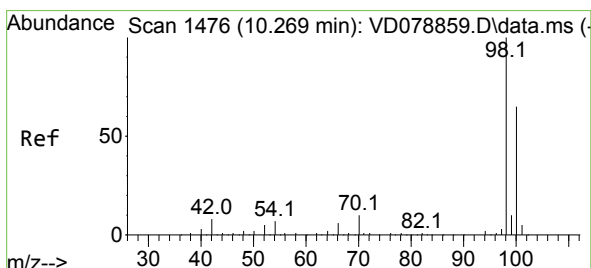
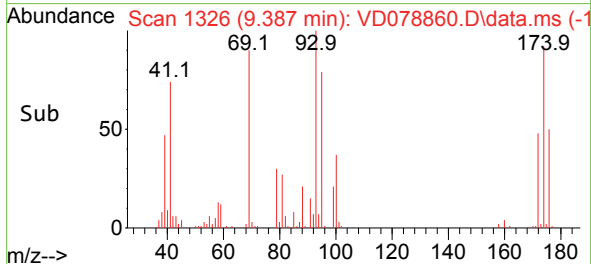
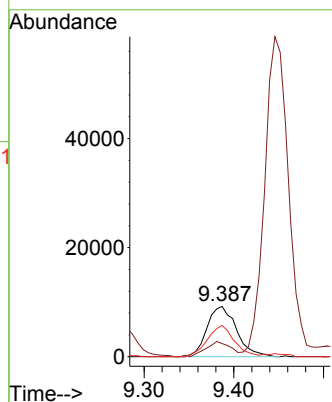
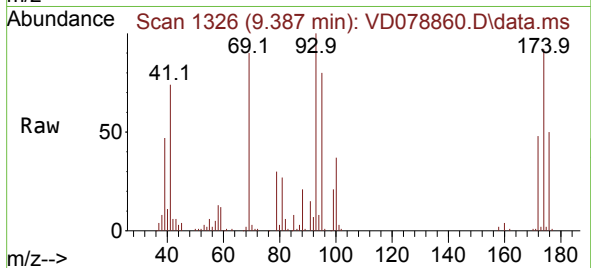
Tgt Ion: 88 Resp: 20952

Ion Ratio Lower Upper

88 100

43 25.3 23.2 34.8

58 56.8 51.0 76.6



#50

Toluene-d8

Concen: 108.620 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078860.D

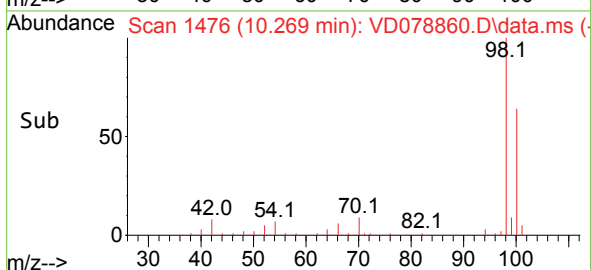
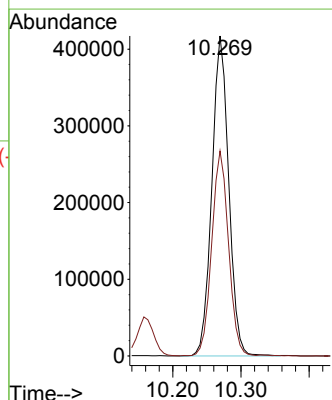
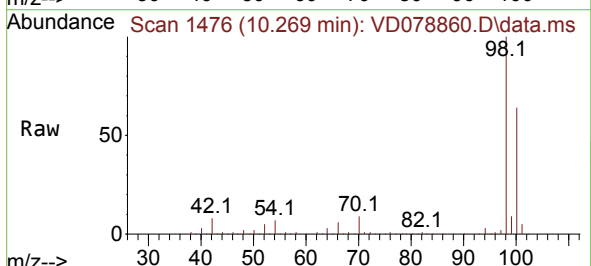
Acq: 01 May 2024 13:38

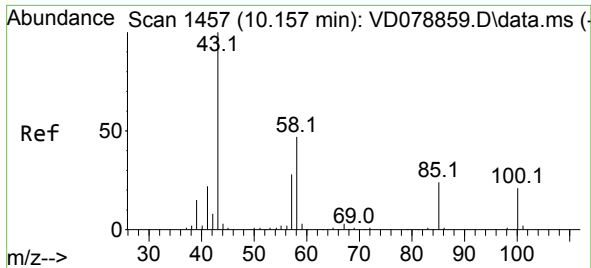
Tgt Ion: 98 Resp: 718060

Ion Ratio Lower Upper

98 100

100 63.6 50.5 75.7

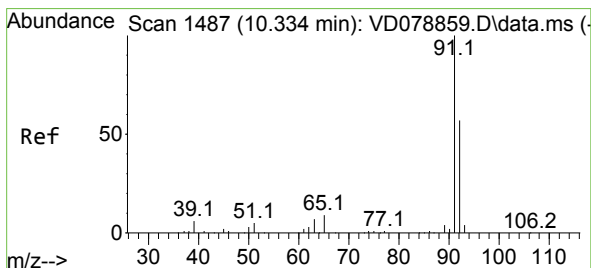
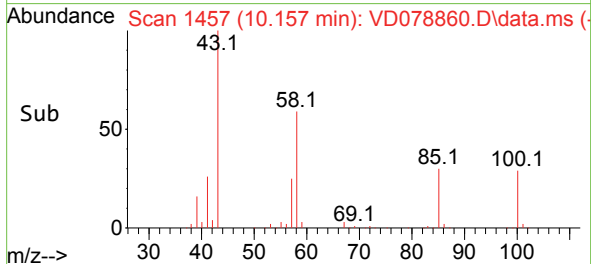
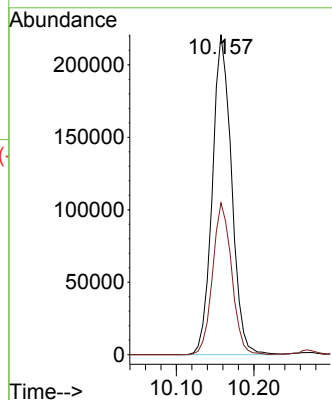
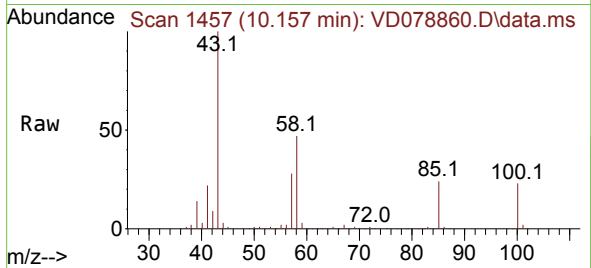




#51
4-Methyl-2-Pentanone
Concen: 529.836 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

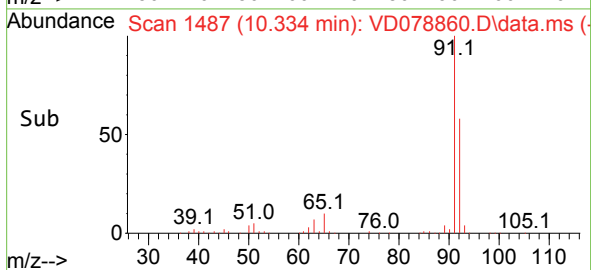
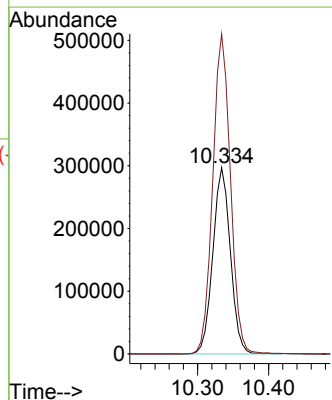
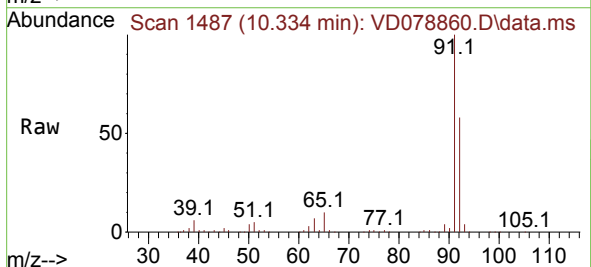
Instrument :
MSVOA_D
ClientSampleId :

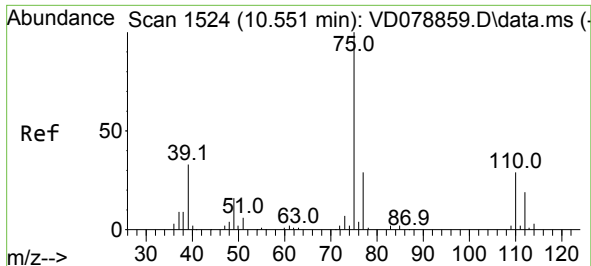
Tgt Ion: 43 Resp: 380338
Ion Ratio Lower Upper
43 100
58 47.0 36.4 54.6



#52
Toluene
Concen: 111.576 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 92 Resp: 508528
Ion Ratio Lower Upper
92 100
91 173.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 108.506 ug/l

RT: 10.552 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

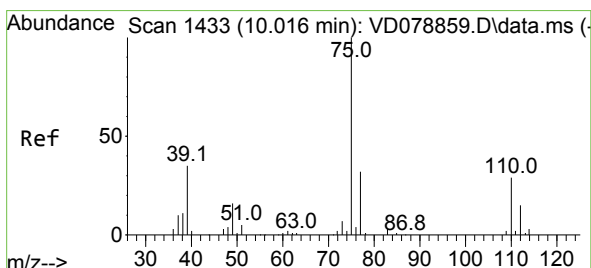
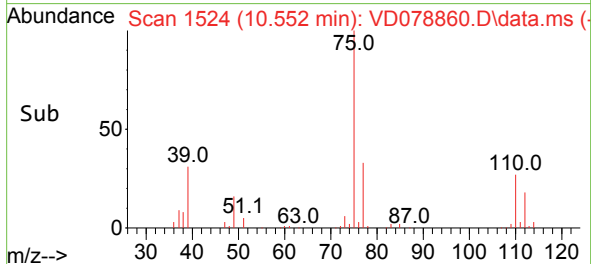
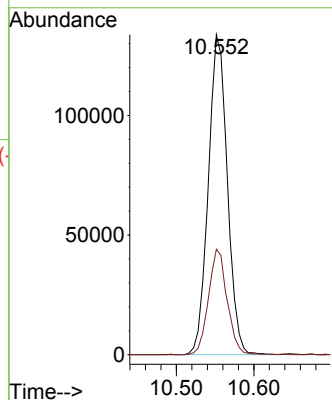
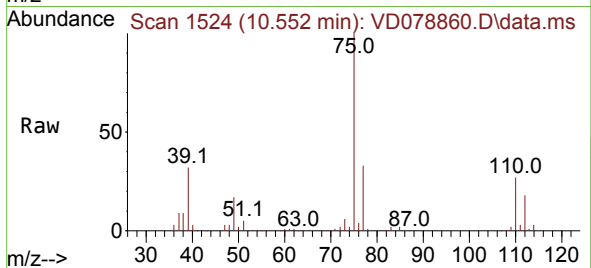
ClientSampleId :

Tgt Ion: 75 Resp: 228233

Ion Ratio Lower Upper

75 100

77 33.0 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 107.689 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

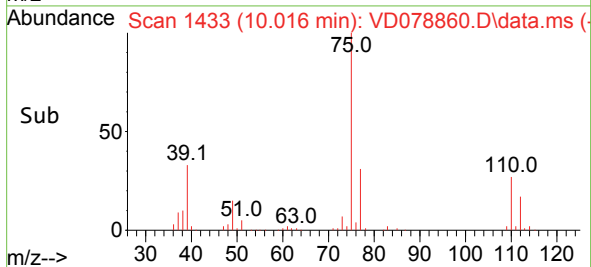
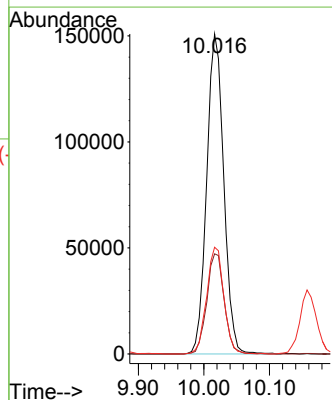
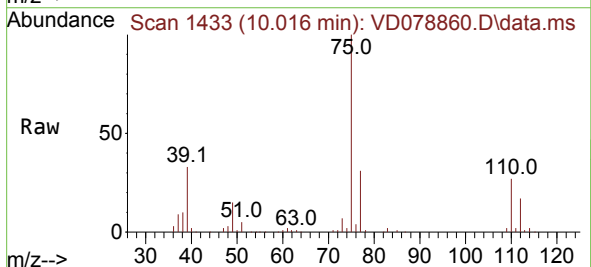
Tgt Ion: 75 Resp: 273584

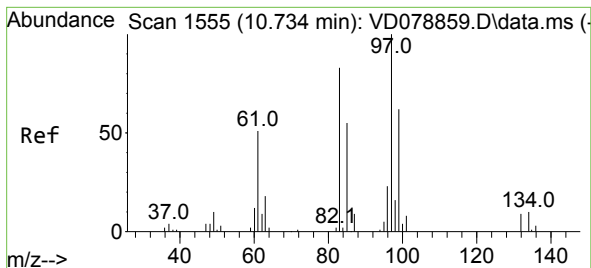
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 33.4 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 103.502 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 136006

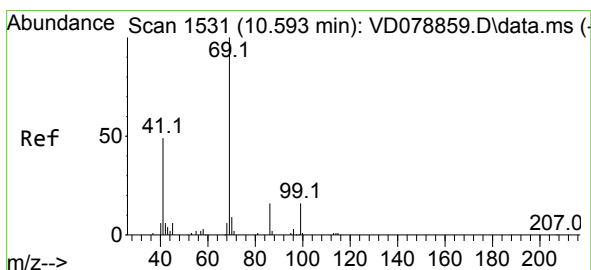
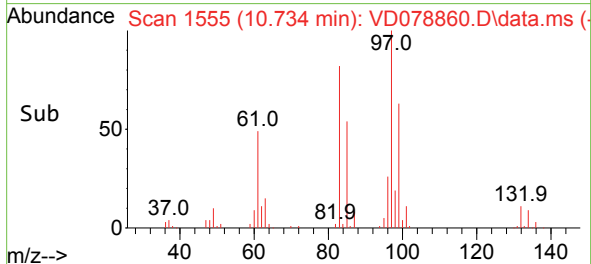
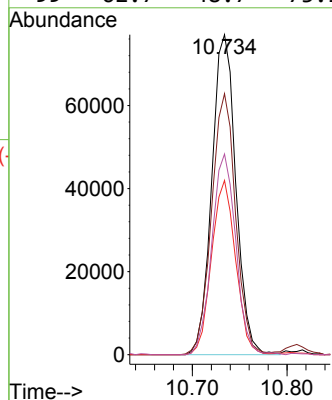
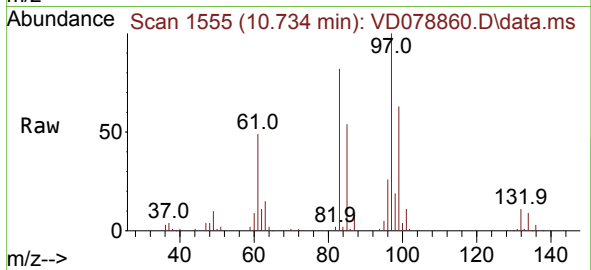
Ion Ratio Lower Upper

97 100

83 81.6 68.1 102.1

85 54.5 48.2 72.2

99 62.7 48.7 73.1



#56

Ethyl methacrylate

Concen: 117.630 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

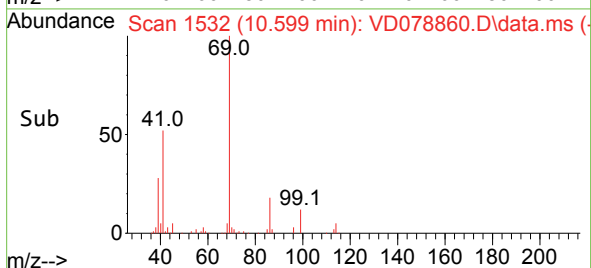
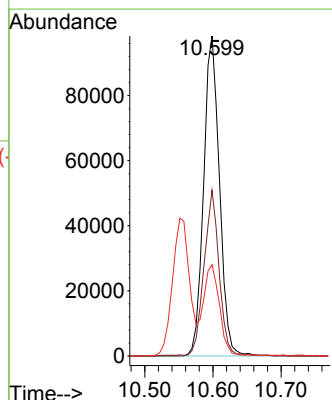
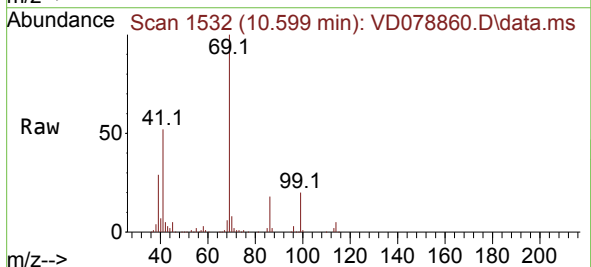
Tgt Ion: 69 Resp: 158818

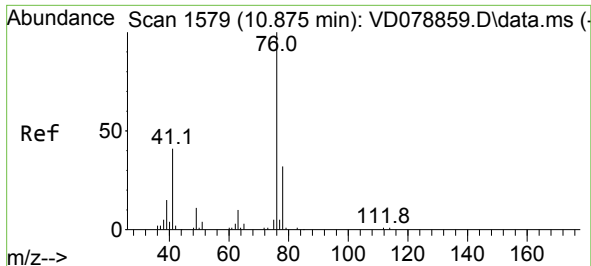
Ion Ratio Lower Upper

69 100

41 49.9 40.9 61.3

39 29.1 25.5 38.3





#57

1,3-Dichloropropane

Concen: 104.383 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

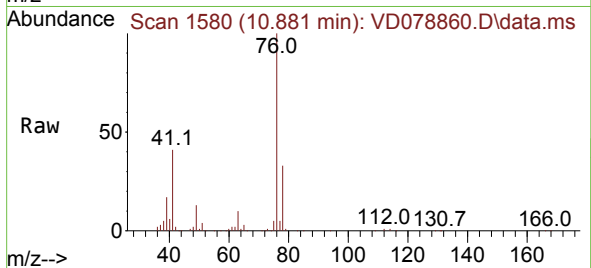
Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

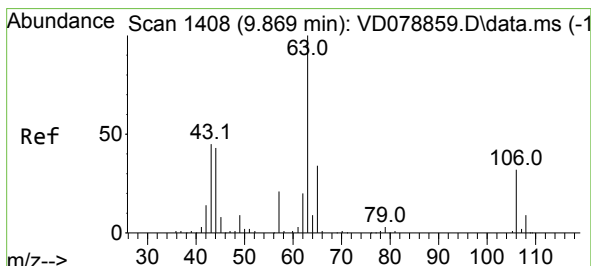
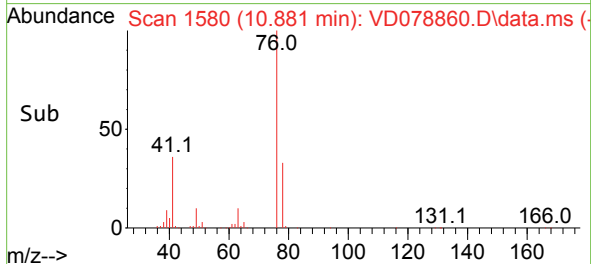
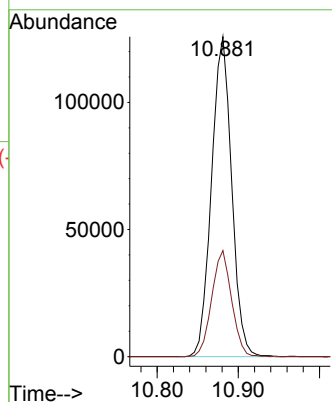


Tgt Ion: 76 Resp: 216902

Ion Ratio Lower Upper

76 100

78 32.7 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 491.951 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078860.D

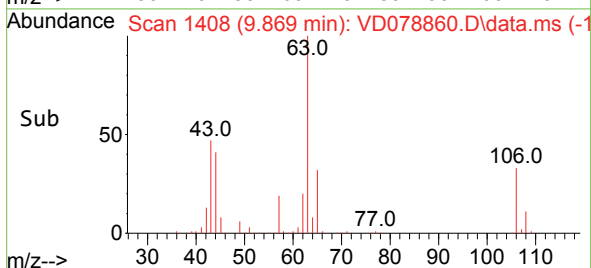
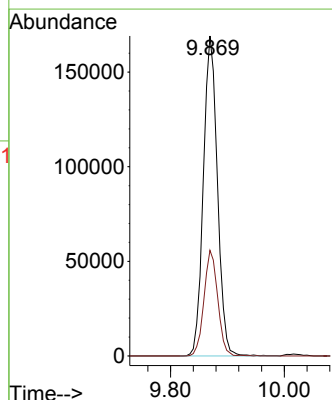
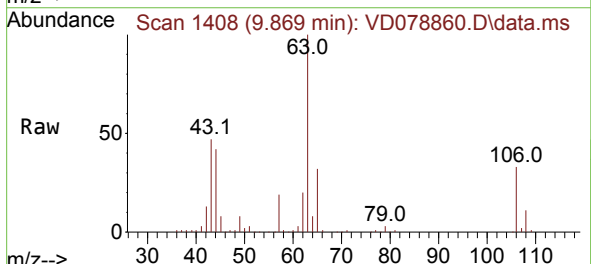
Acq: 01 May 2024 13:38

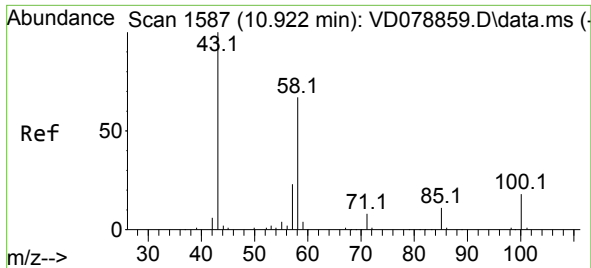
Tgt Ion: 63 Resp: 290030

Ion Ratio Lower Upper

63 100

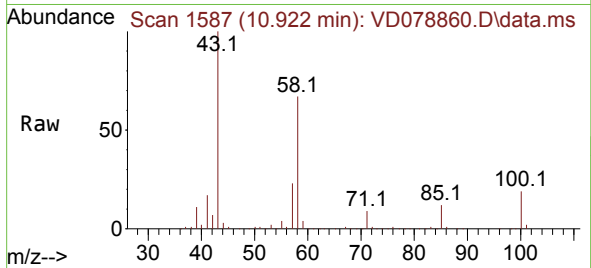
106 32.2 25.2 37.8



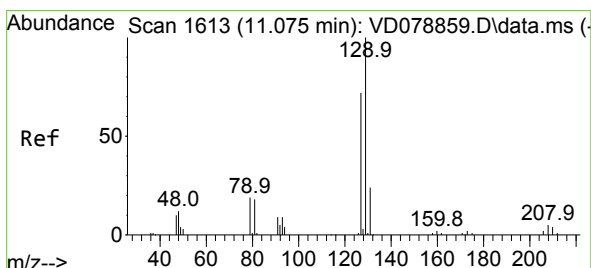
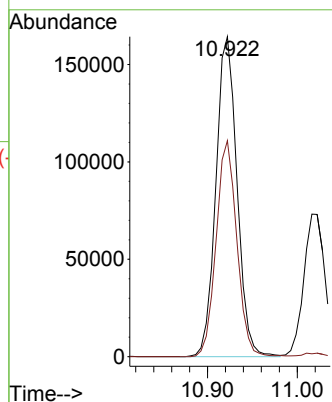
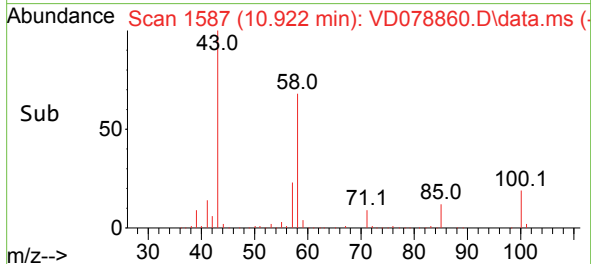


#59
2-Hexanone
Concen: 528.246 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :

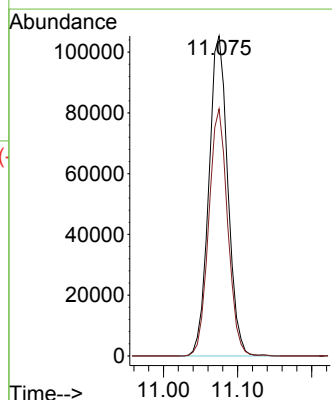
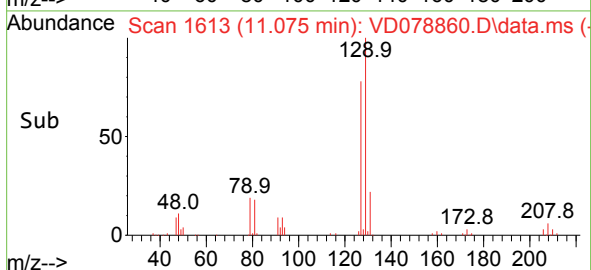
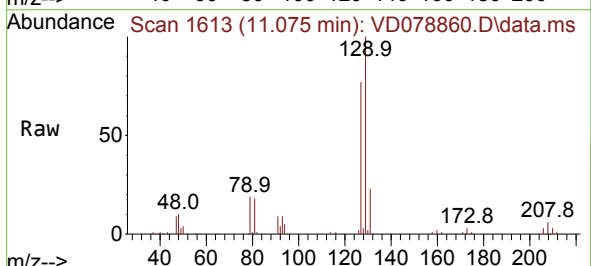


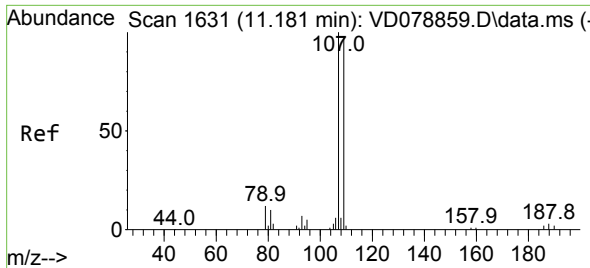
Tgt Ion: 43 Resp: 268492
Ion Ratio Lower Upper
43 100
58 66.3 31.5 94.5



#60
Dibromochloromethane
Concen: 105.346 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 129 Resp: 187624
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3

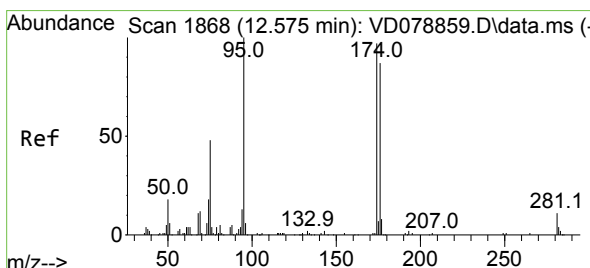
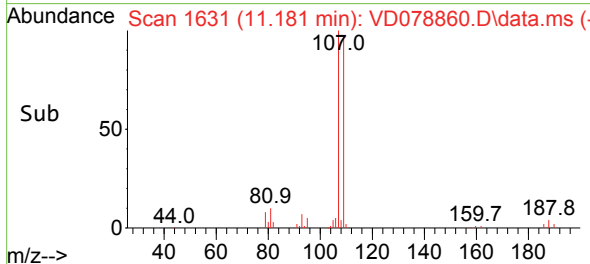
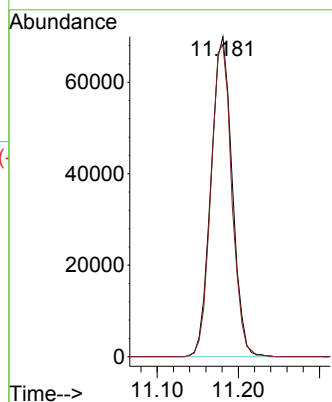
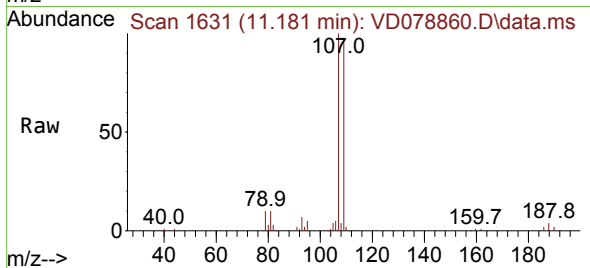




#61
1,2-Dibromoethane
Concen: 104.045 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

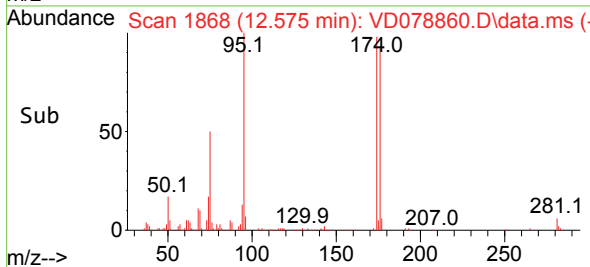
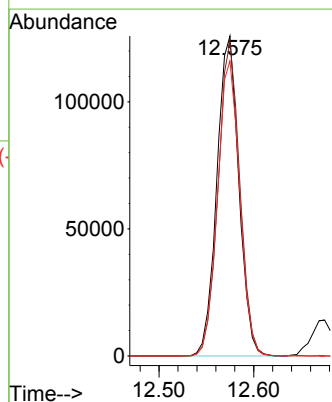
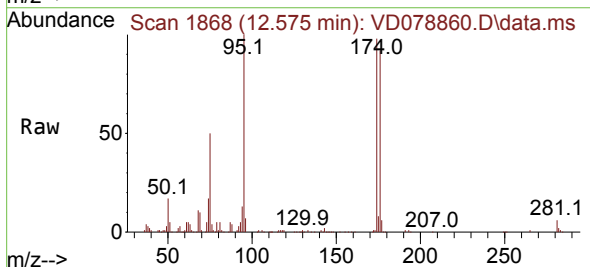
Instrument :
MSVOA_D
ClientSampleId :

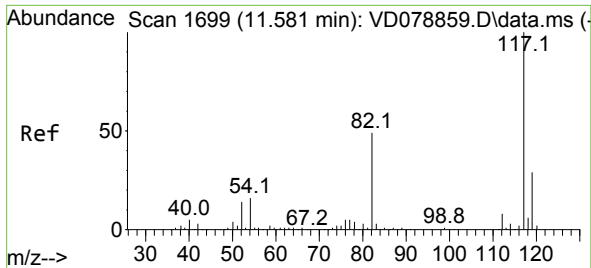
Tgt Ion:107 Resp: 126792
Ion Ratio Lower Upper
107 100
109 95.8 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 107.044 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 95 Resp: 202524
Ion Ratio Lower Upper
95 100
174 97.1 0.0 195.2
176 93.5 0.0 188.2

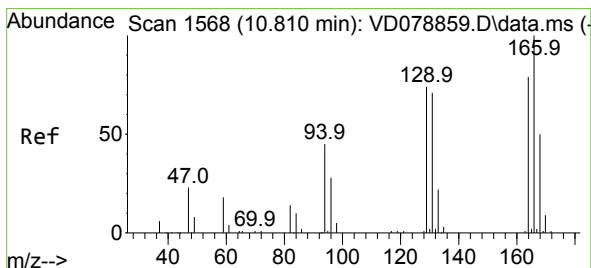
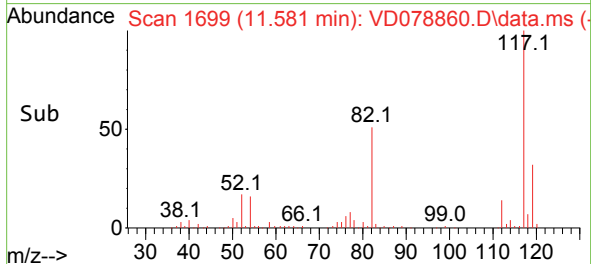
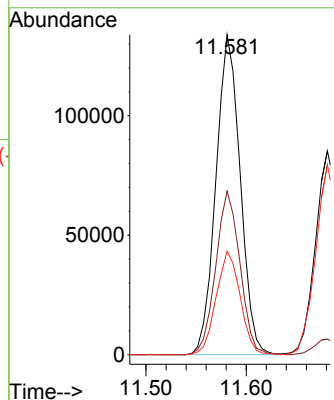
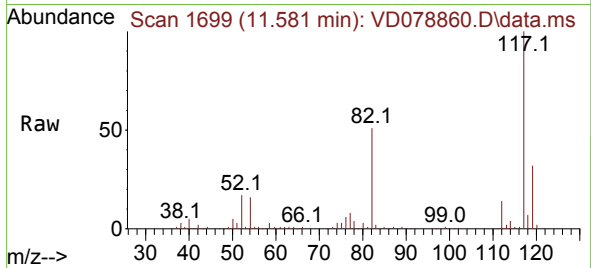




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

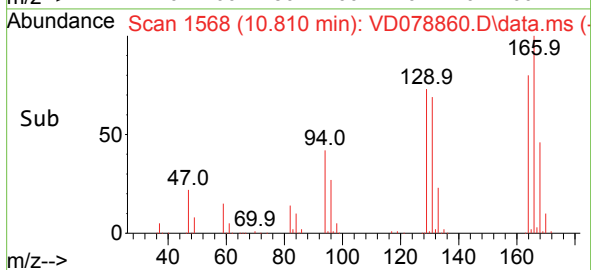
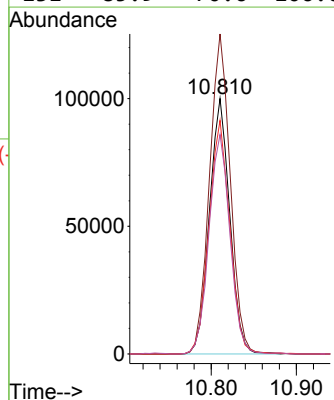
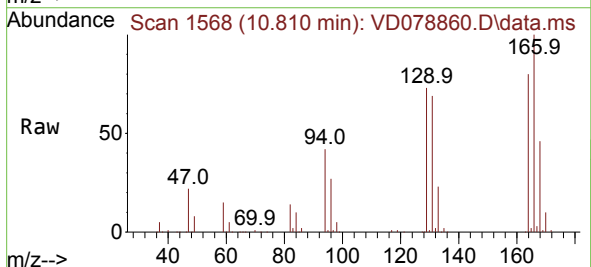
Instrument :
MSVOA_D
ClientSampleId :

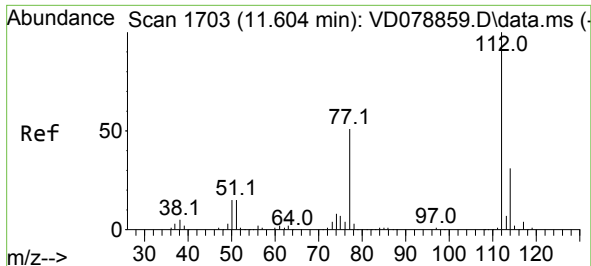
Tgt Ion:117 Resp: 225282
Ion Ratio Lower Upper
117 100
82 51.1 41.4 62.2
119 32.4 26.5 39.7



#64
Tetrachloroethene
Concen: 108.564 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion:164 Resp: 166821
Ion Ratio Lower Upper
164 100
166 125.3 98.9 148.3
129 91.4 70.3 105.5
131 85.9 70.6 106.0

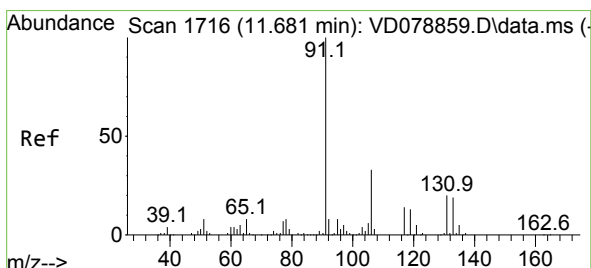
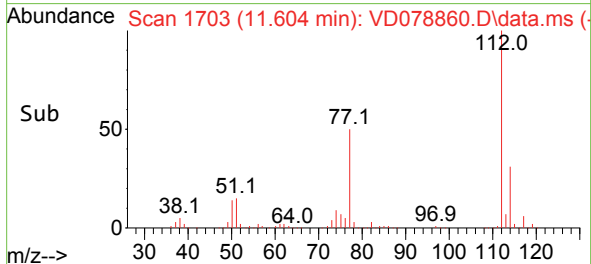
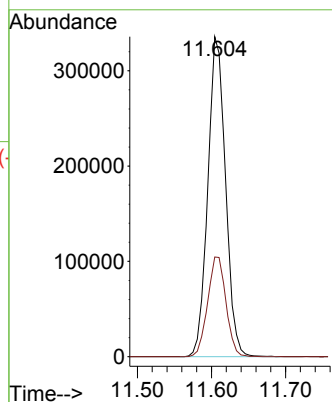
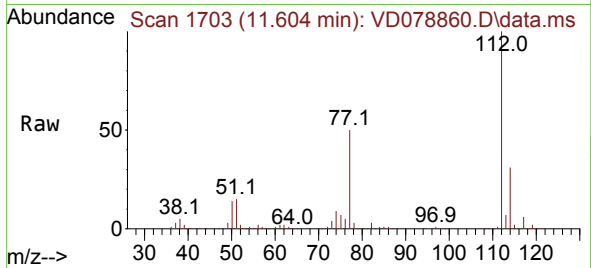




#65
Chlorobenzene
Concen: 107.697 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

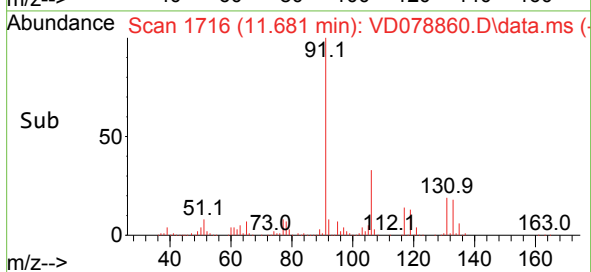
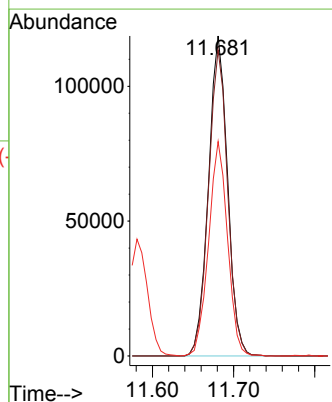
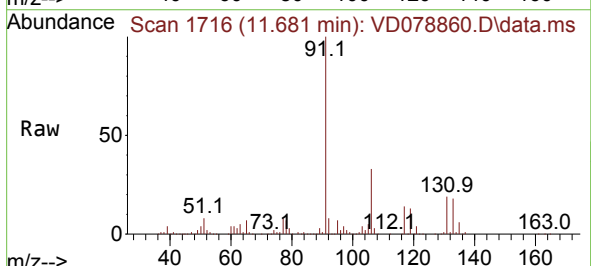
Instrument :
MSVOA_D
ClientSampleId :

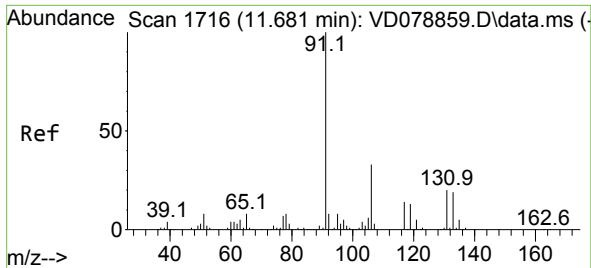
Tgt Ion:112 Resp: 556816
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 107.367 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion:131 Resp: 194119
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 66.5 34.1 102.3

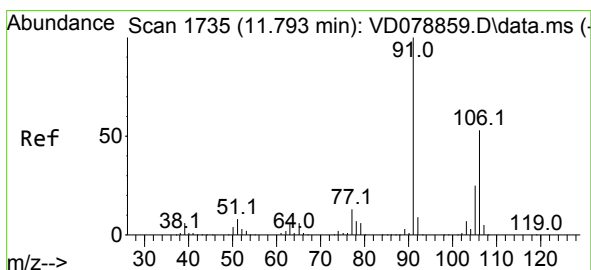
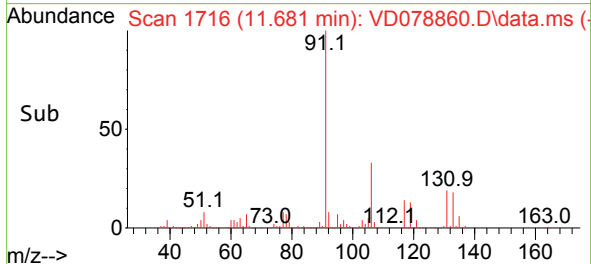
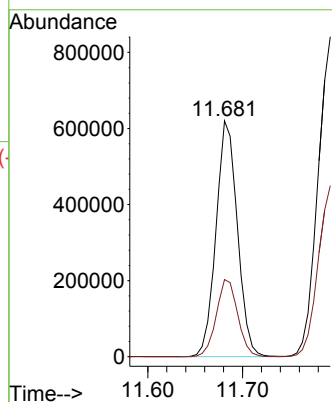
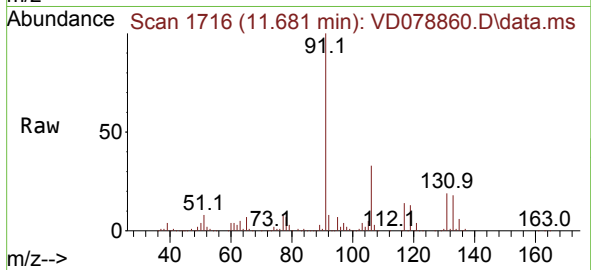




#67
Ethyl Benzene
Concen: 114.969 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

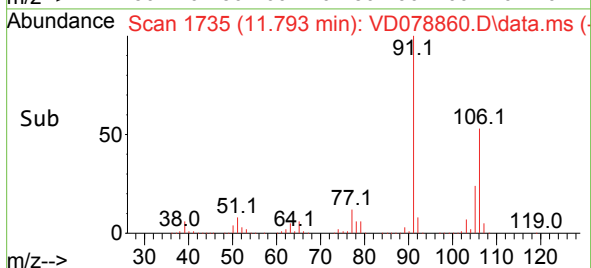
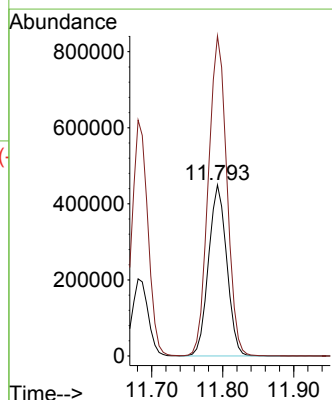
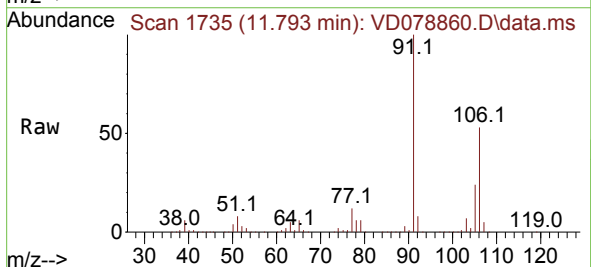
Instrument :
MSVOA_D
ClientSampleId :

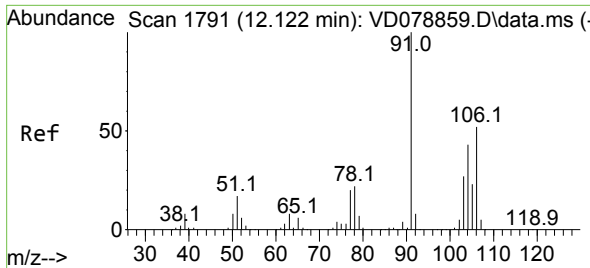
Tgt Ion: 91 Resp: 972282
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7



#68
m/p-Xylenes
Concen: 234.194 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 106 Resp: 801911
Ion Ratio Lower Upper
106 100
91 190.0 154.4 231.6

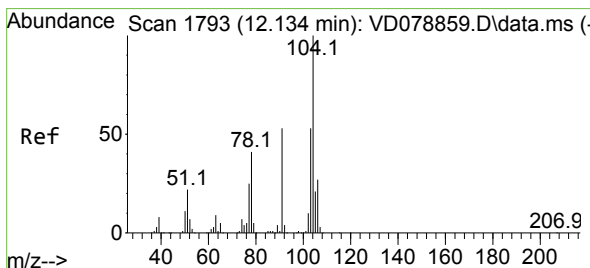
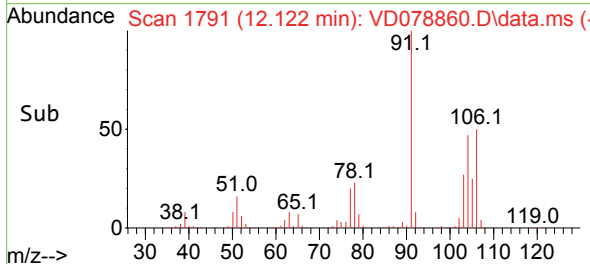
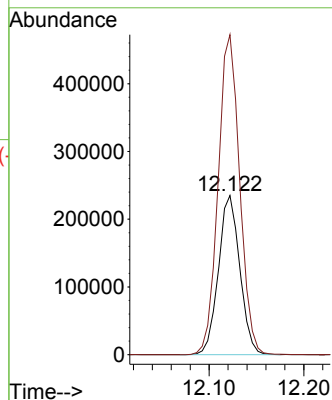
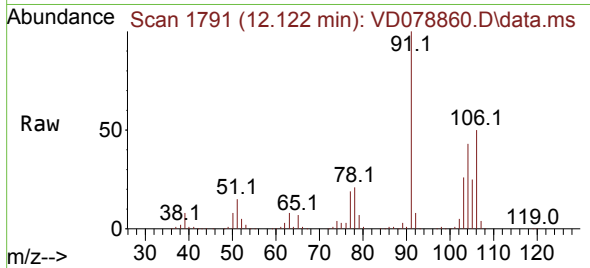




#69
o-Xylene
Concen: 117.722 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

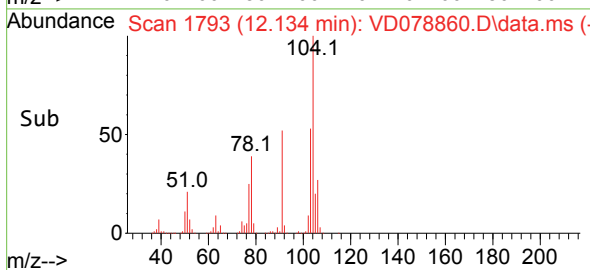
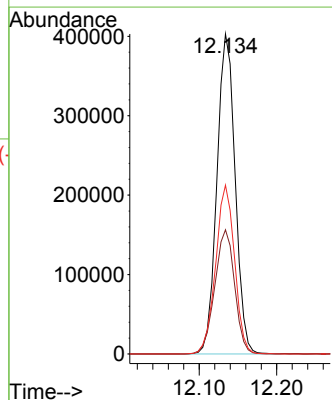
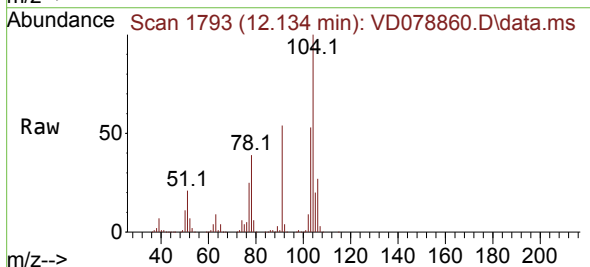
Instrument :
MSVOA_D
ClientSampleId :

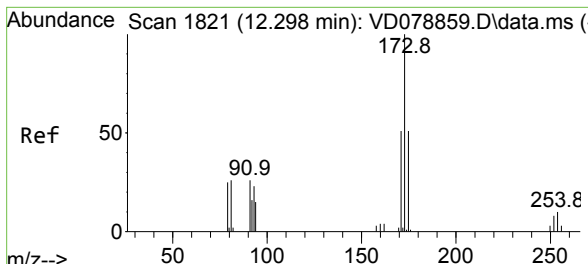
Tgt Ion:106 Resp: 368525
Ion Ratio Lower Upper
106 100
91 202.8 99.6 298.7



#70
Styrene
Concen: 119.562 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

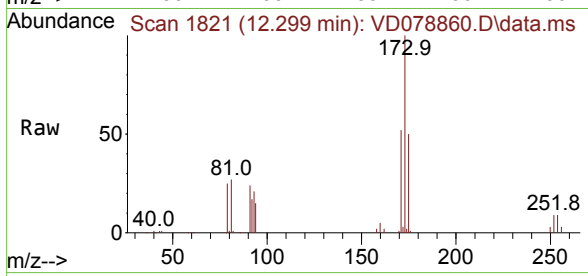
Tgt Ion:104 Resp: 658115
Ion Ratio Lower Upper
104 100
78 42.3 34.6 52.0
103 54.8 44.2 66.2



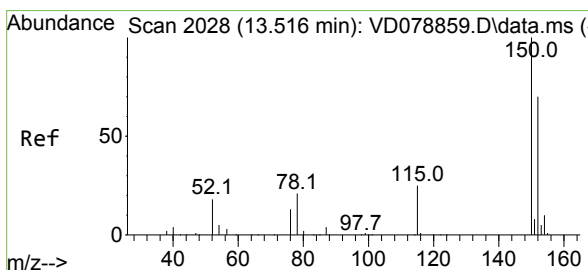
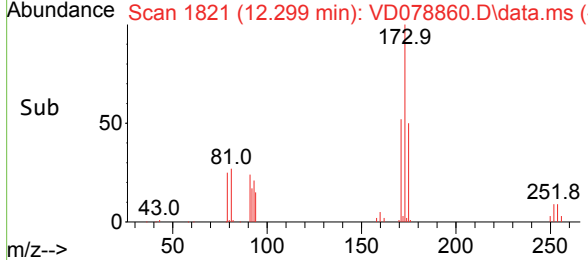
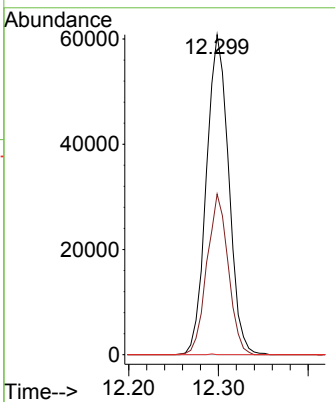


#71
 Bromoform
 Concen: 107.235 ug/l
 RT: 12.299 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD078860.D
 Acq: 01 May 2024 13:38

Instrument :
 MSVOA_D
 ClientSampleId :

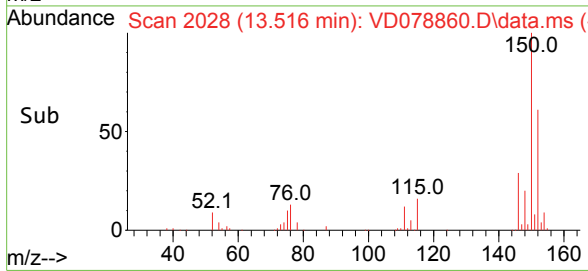
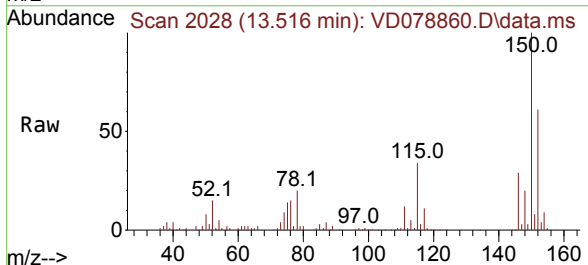
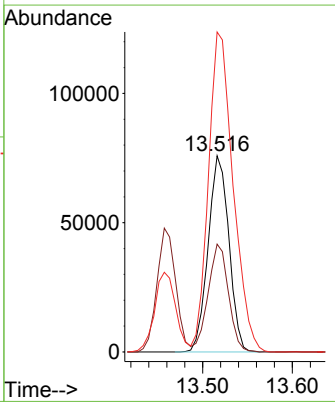


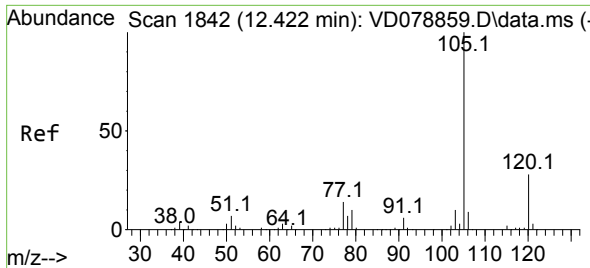
Tgt Ion:	173	Resp:	104972
Ion Ratio	Lower	Upper	
173	100		
175	48.0	25.8	77.4
254	0.1	0.0	0.0#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078860.D
 Acq: 01 May 2024 13:38

Tgt Ion:	152	Resp:	121997
Ion Ratio	Lower	Upper	
152	100		
115	53.9	27.1	81.2
150	193.7	0.0	350.2

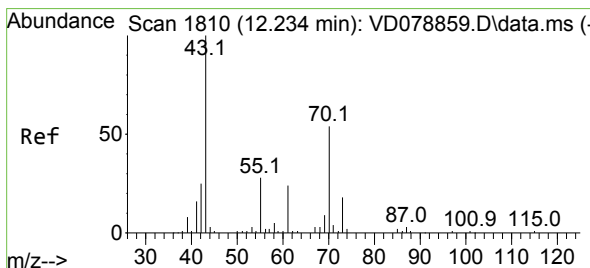
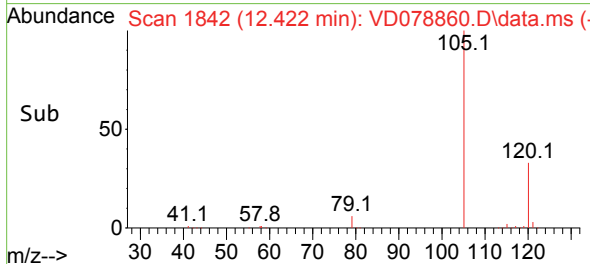
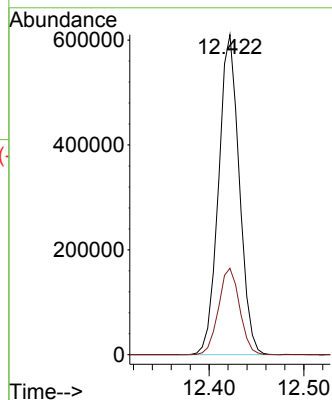
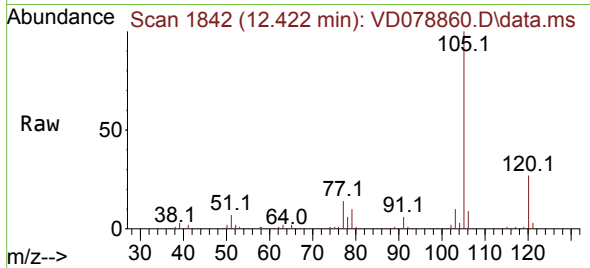




#73
Isopropylbenzene
Concen: 112.854 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

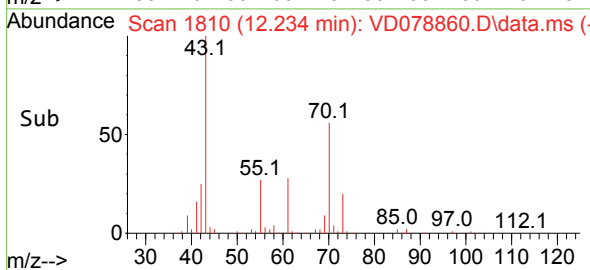
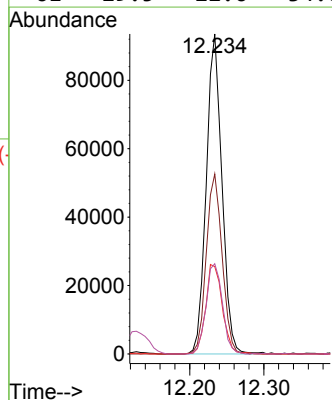
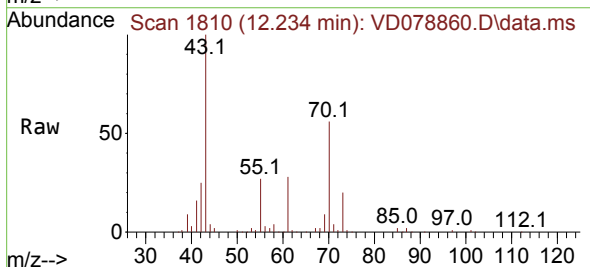
Instrument :
MSVOA_D
ClientSampleId :

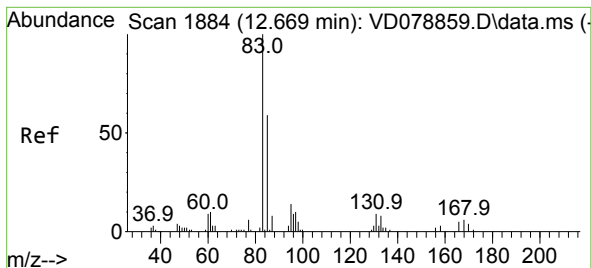
Tgt Ion:105 Resp: 928048
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.0



#74
N-ethyl acetate
Concen: 100.507 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 43 Resp: 137484
Ion Ratio Lower Upper
43 100
70 57.0 42.1 63.1
55 29.7 22.6 33.8
61 29.5 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 93.607 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

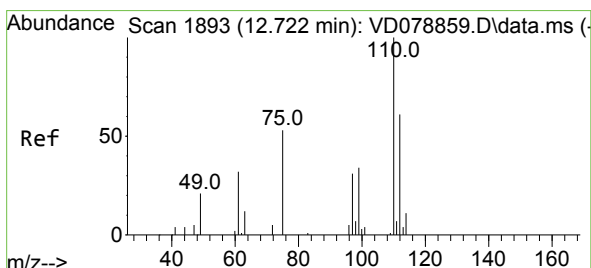
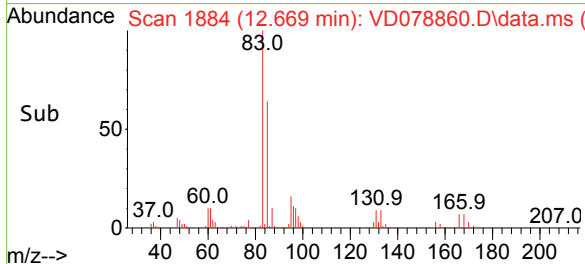
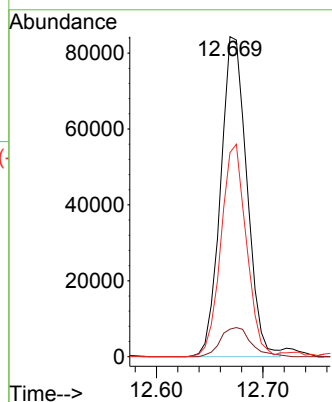
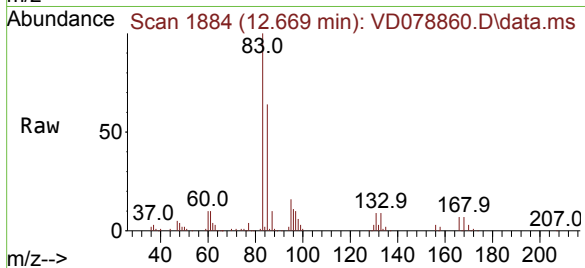
Tgt Ion: 83 Resp: 144226

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

85 64.5 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 177.544 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078860.D

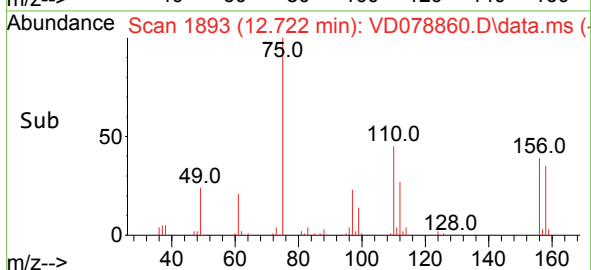
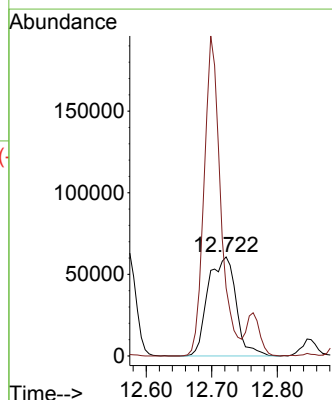
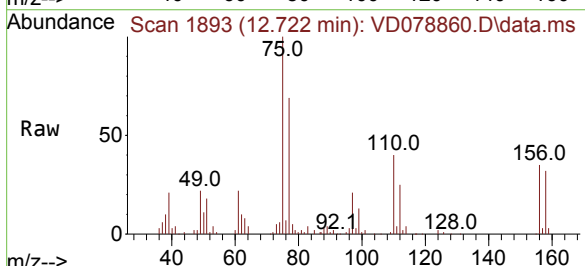
Acq: 01 May 2024 13:38

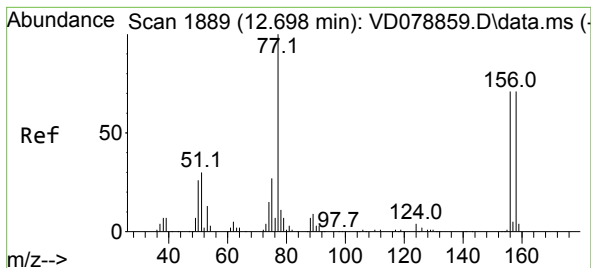
Tgt Ion: 75 Resp: 180359

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 108.063 ug/l

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

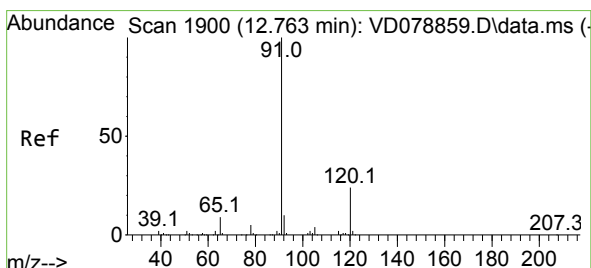
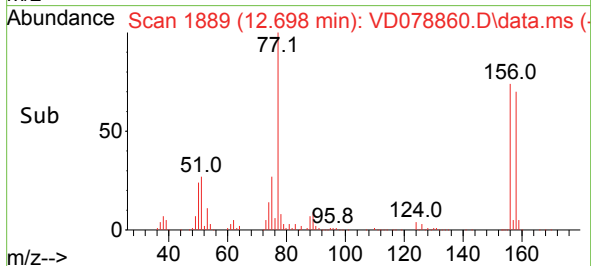
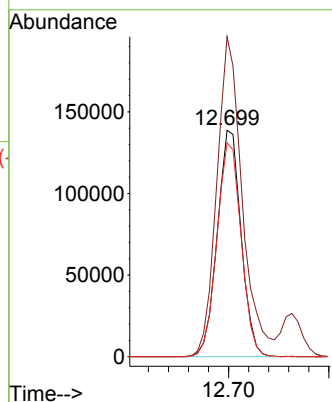
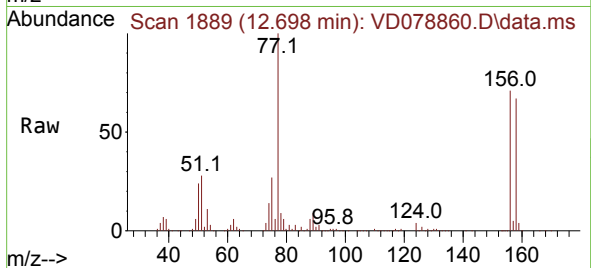
Tgt Ion:156 Resp: 228313

Ion Ratio Lower Upper

156 100

77 151.5 79.1 237.3

158 96.3 47.0 141.0



#78

n-propylbenzene

Concen: 110.981 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078860.D

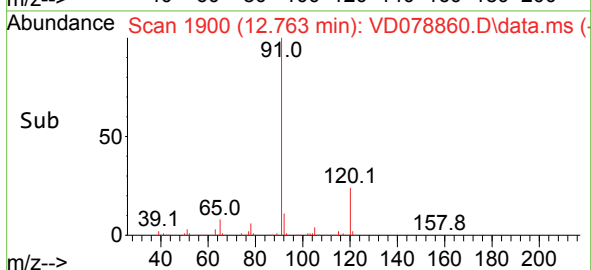
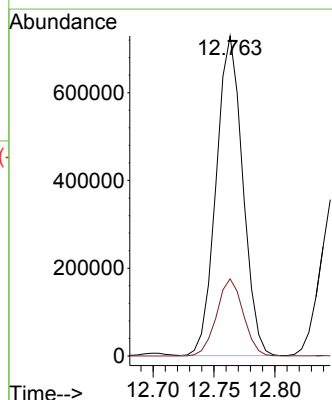
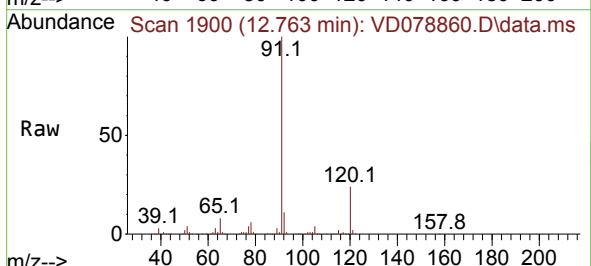
Acq: 01 May 2024 13:38

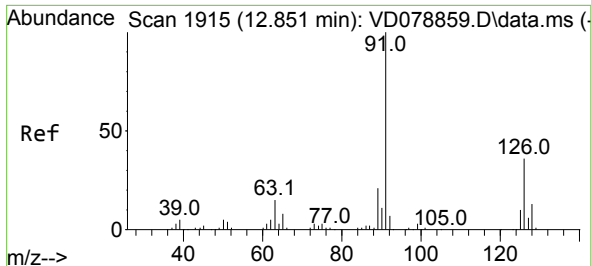
Tgt Ion: 91 Resp: 1106038

Ion Ratio Lower Upper

91 100

120 24.1 11.7 35.1





#79

2-Chlorotoluene

Concen: 107.281 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

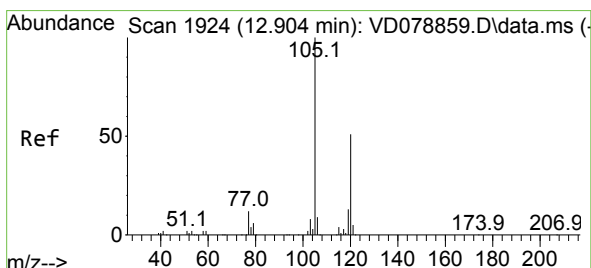
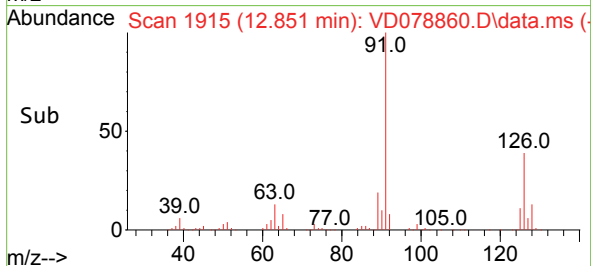
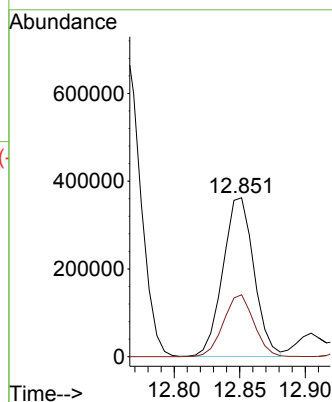
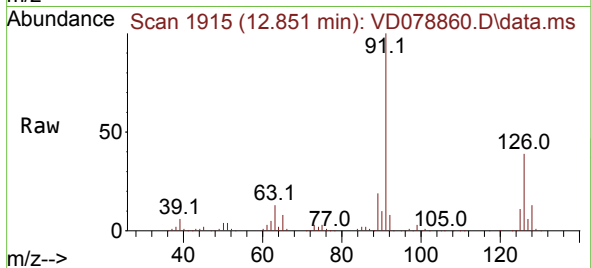
ClientSampleId :

Tgt Ion: 91 Resp: 596754

Ion Ratio Lower Upper

91 100

126 38.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 113.793 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078860.D

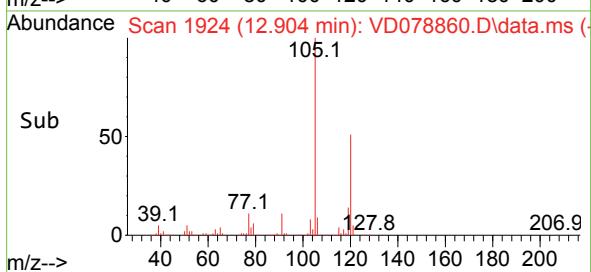
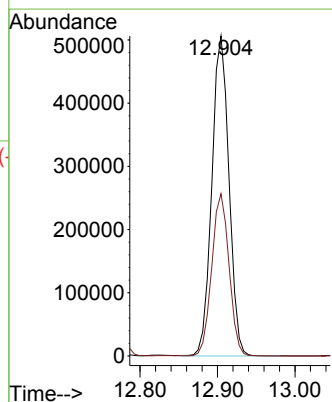
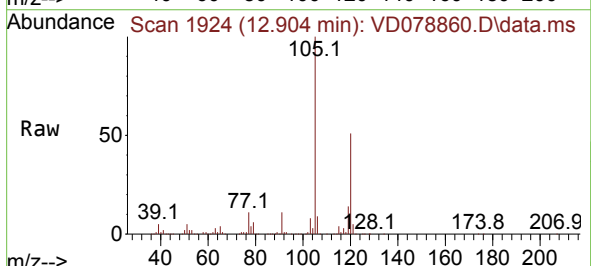
Acq: 01 May 2024 13:38

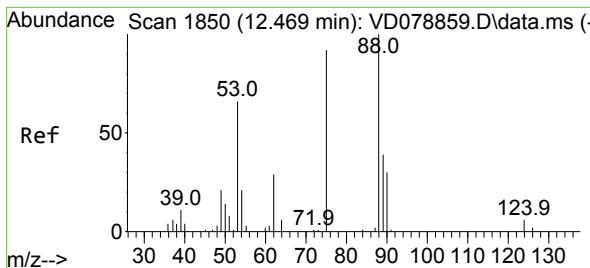
Tgt Ion: 105 Resp: 777054

Ion Ratio Lower Upper

105 100

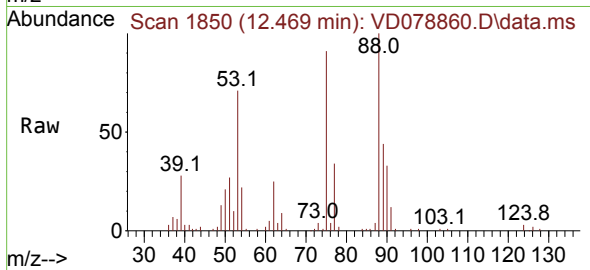
120 51.2 25.9 77.7



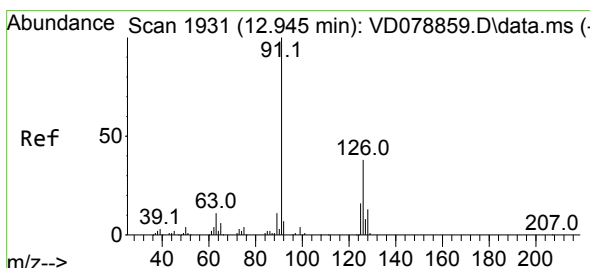
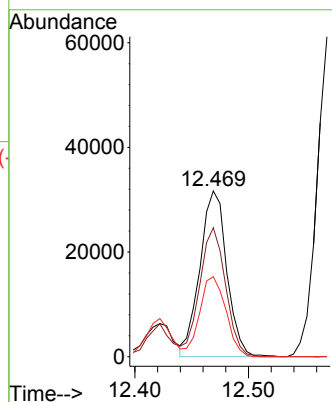
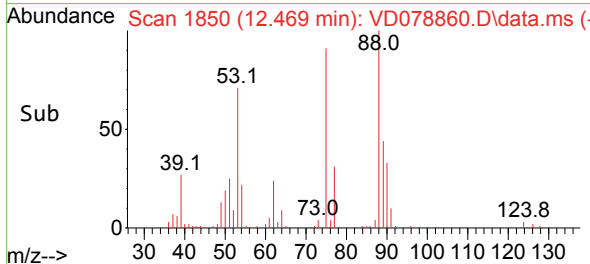


#81
trans-1,4-Dichloro-2-butene
Concen: 100.390 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

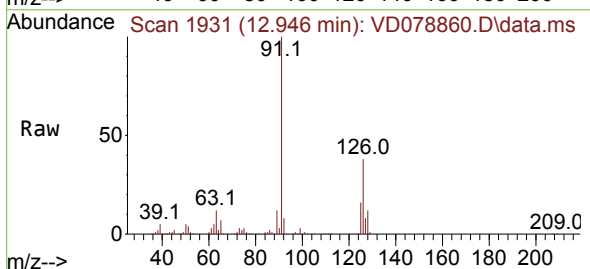
Instrument :
MSVOA_D
ClientSampleId :



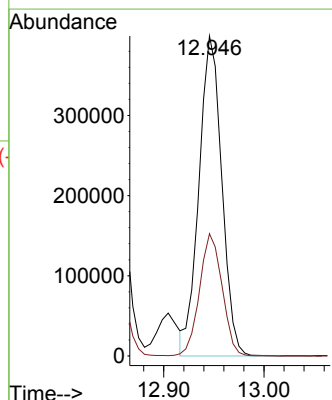
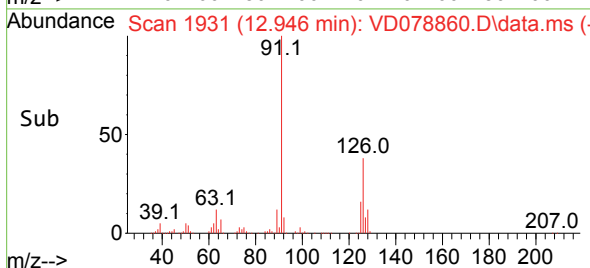
Tgt Ion	Ratio	Lower	Upper
75	100		
53	75.1	61.0	91.6
89	47.2	35.4	53.0

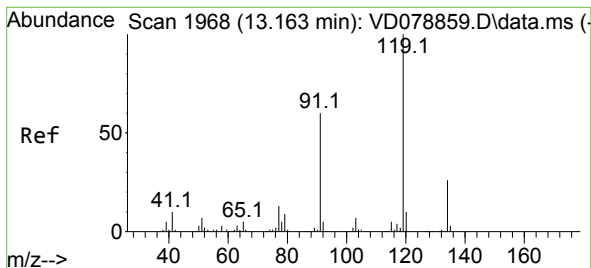


#82
4-Chlorotoluene
Concen: 106.544 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38



Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.9	18.9	56.5





#83

tert-Butylbenzene

Concen: 118.122 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

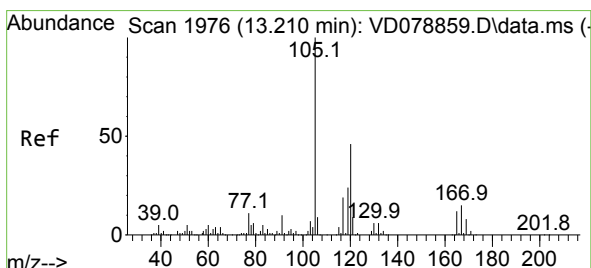
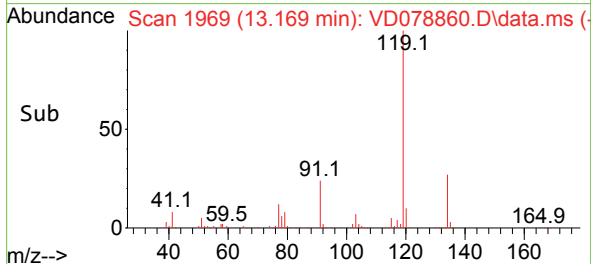
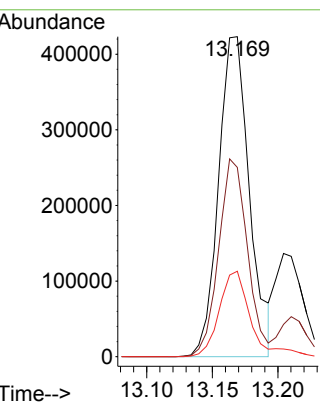
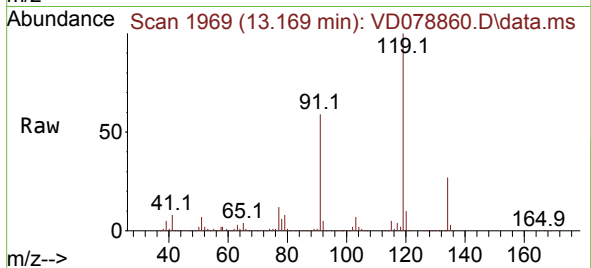
Tgt Ion:119 Resp: 694293

Ion Ratio Lower Upper

119 100

91 57.8 28.9 86.7

134 27.1 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 114.655 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078860.D

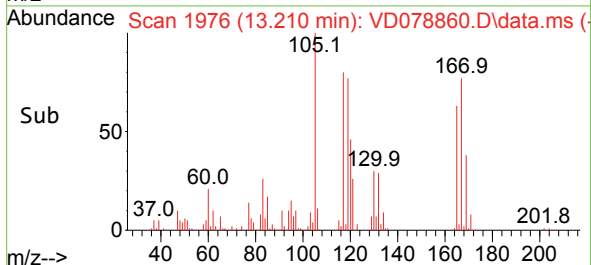
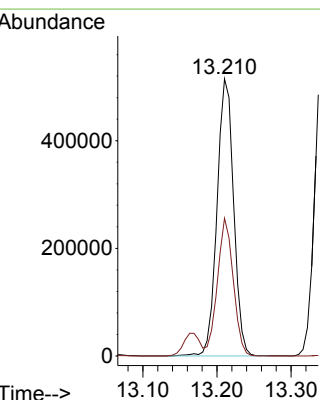
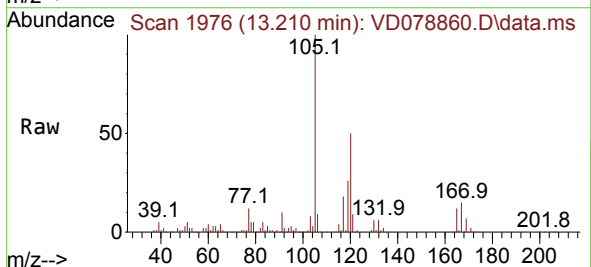
Acq: 01 May 2024 13:38

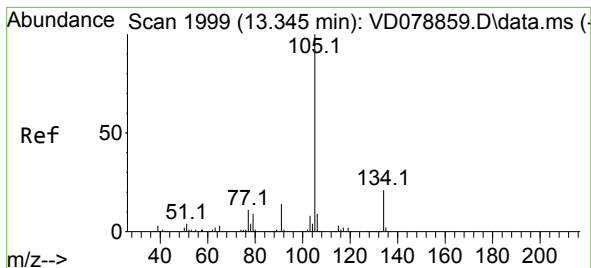
Tgt Ion:105 Resp: 801404

Ion Ratio Lower Upper

105 100

120 47.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 113.675 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

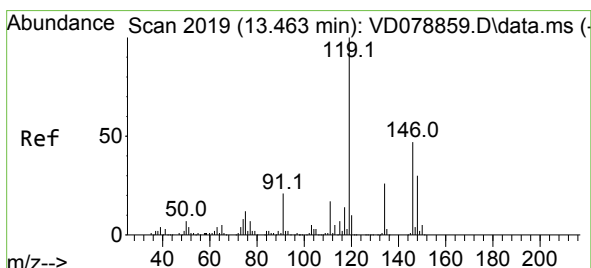
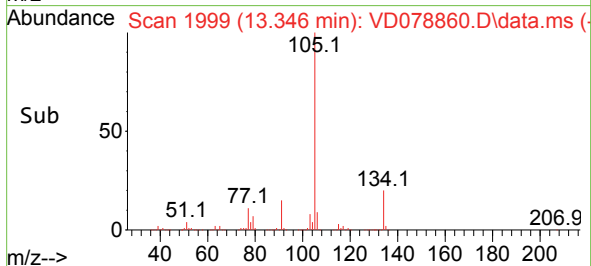
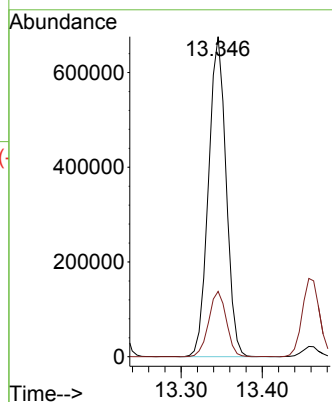
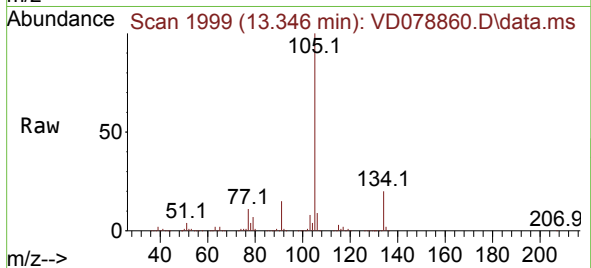
ClientSampleId :

Tgt Ion:105 Resp: 1014621

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 118.673 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

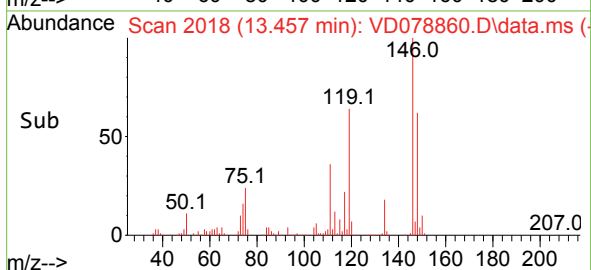
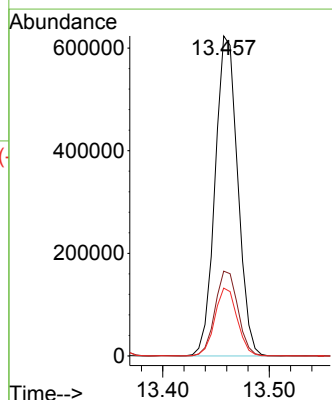
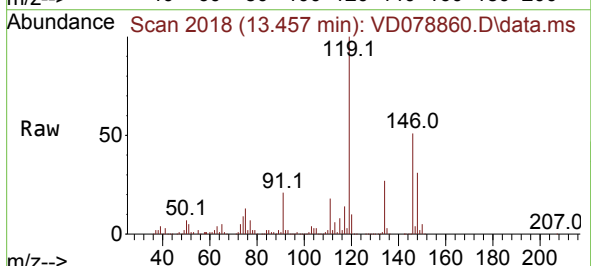
Tgt Ion:119 Resp: 917950

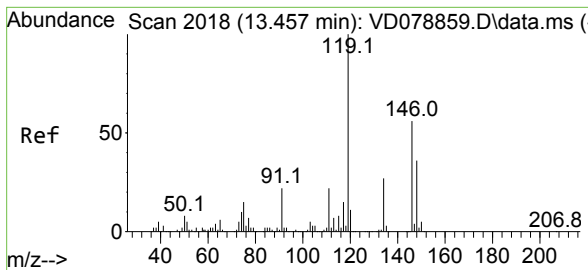
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 21.0 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 109.589 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

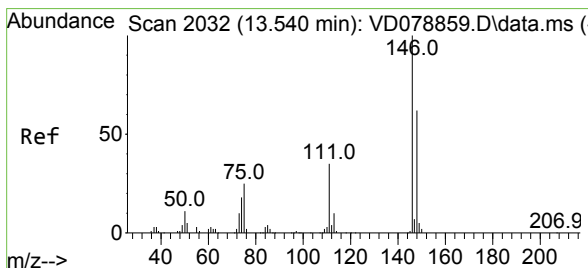
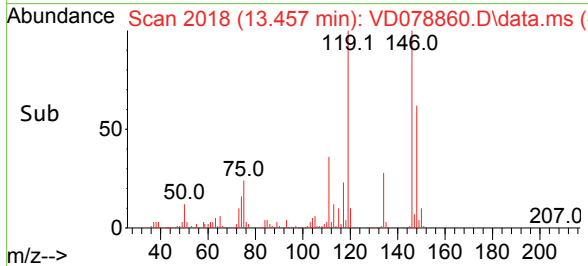
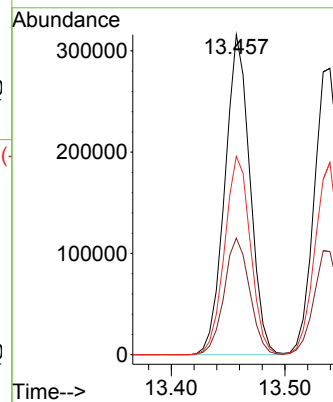
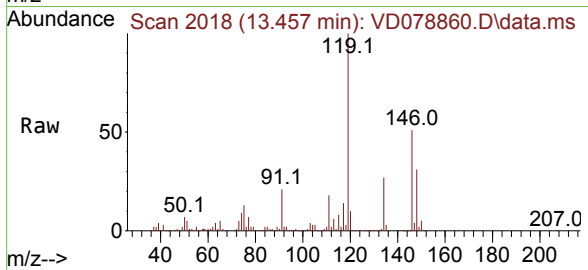
Tgt Ion:146 Resp: 484902

Ion Ratio Lower Upper

146 100

111 37.1 18.2 54.6

148 63.8 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 103.857 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

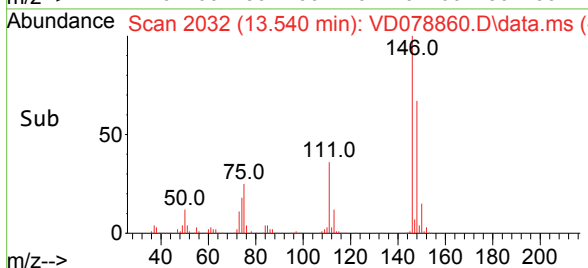
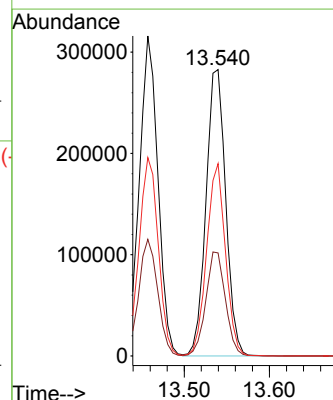
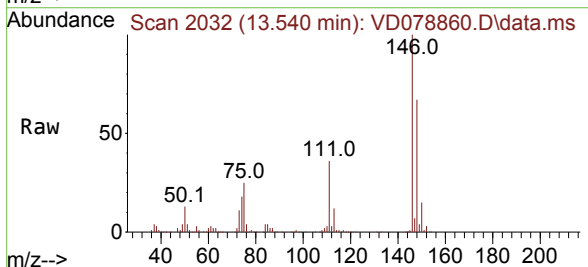
Tgt Ion:146 Resp: 454899

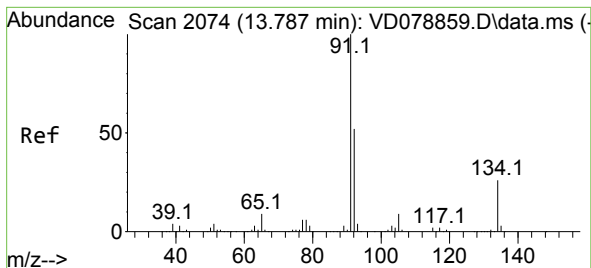
Ion Ratio Lower Upper

146 100

111 36.2 17.8 53.3

148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 114.642 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

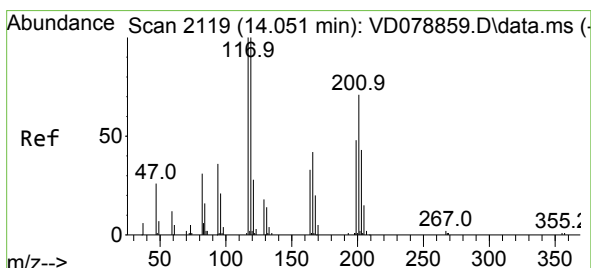
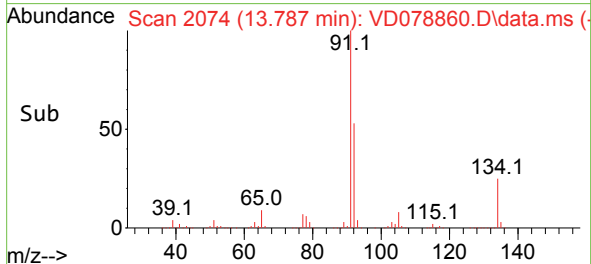
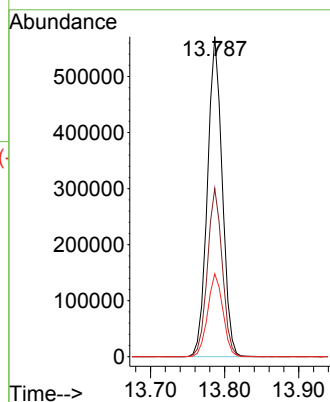
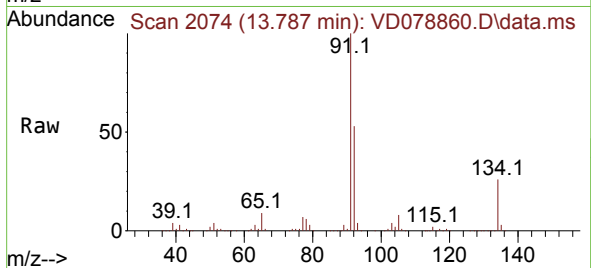
Tgt Ion: 91 Resp: 790564

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 26.6 13.0 38.9



#90

Hexachloroethane

Concen: 102.851 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078860.D

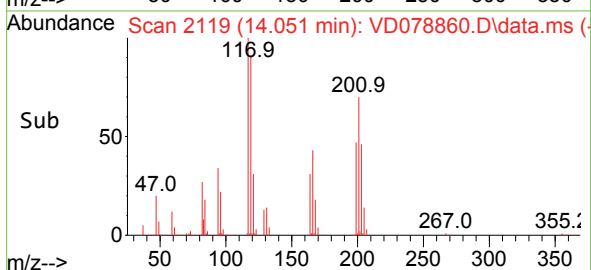
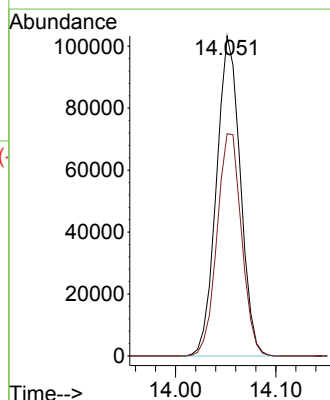
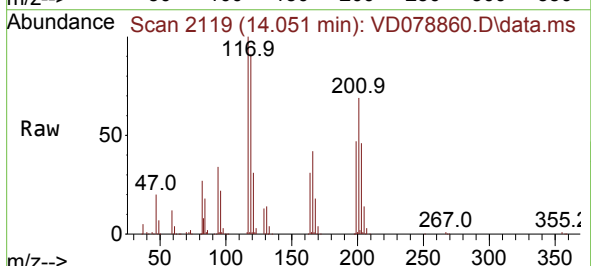
Acq: 01 May 2024 13:38

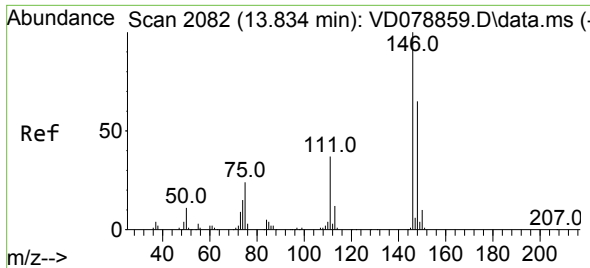
Tgt Ion: 117 Resp: 170206

Ion Ratio Lower Upper

117 100

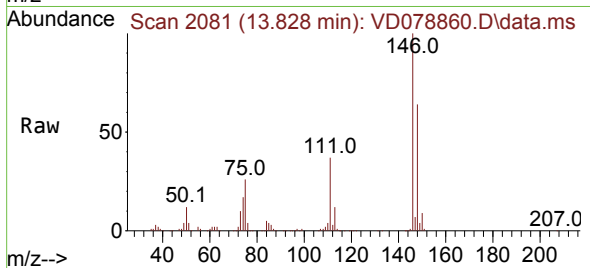
201 71.6 36.2 108.6



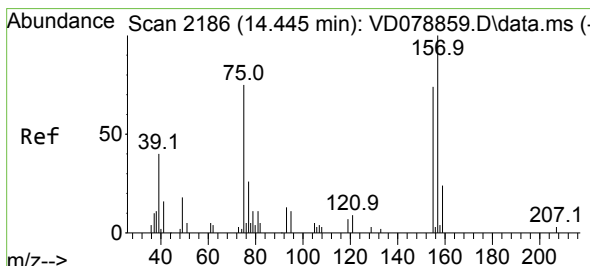
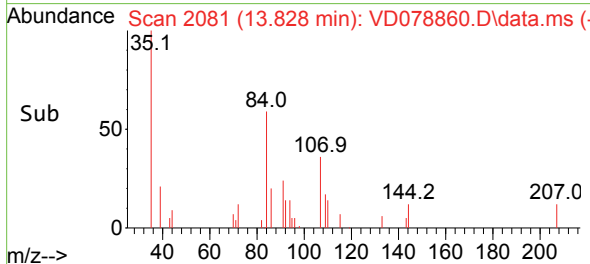
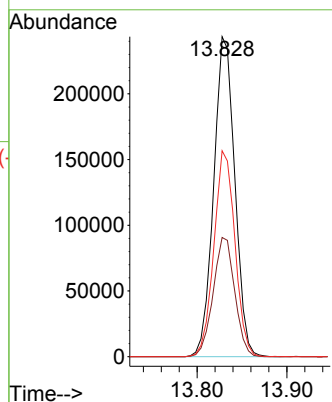


#91
1,2-Dichlorobenzene
Concen: 105.015 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :

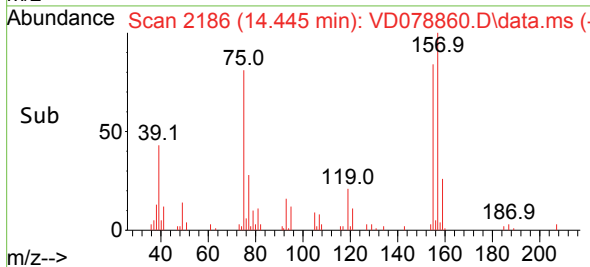
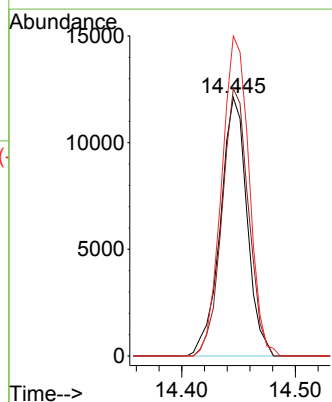
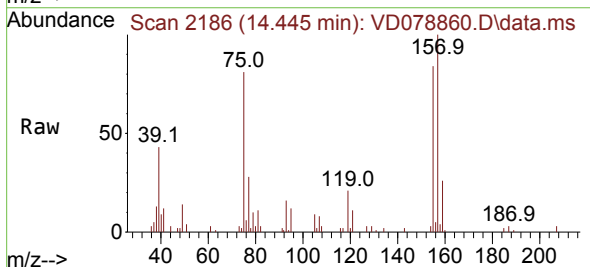


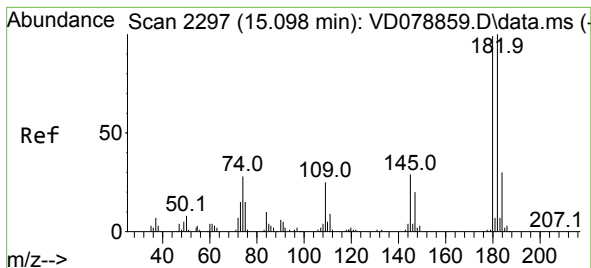
Tgt Ion:146 Resp: 397675
Ion Ratio Lower Upper
146 100
111 38.1 18.6 56.0
148 64.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 94.516 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion: 75 Resp: 19826
Ion Ratio Lower Upper
75 100
155 102.4 49.8 149.3
157 126.4 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 115.546 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

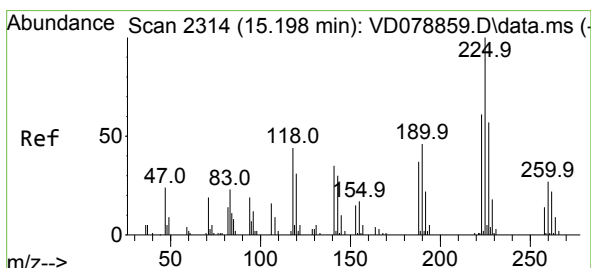
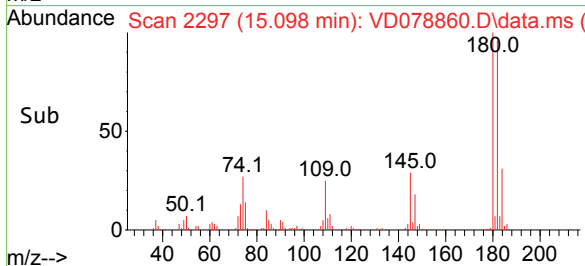
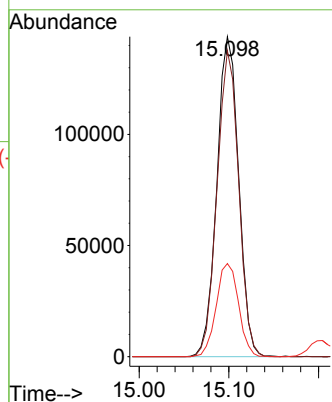
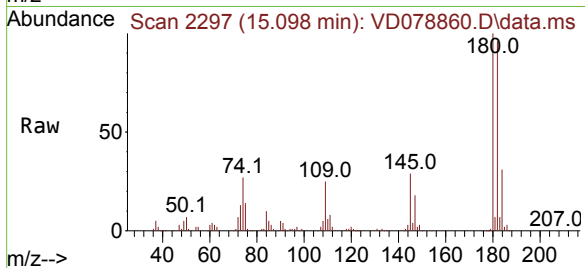
Tgt Ion:180 Resp: 243075

Ion Ratio Lower Upper

180 100

182 94.7 49.7 149.1

145 29.7 14.6 44.0



#94

Hexachlorobutadiene

Concen: 112.494 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD078860.D

Acq: 01 May 2024 13:38

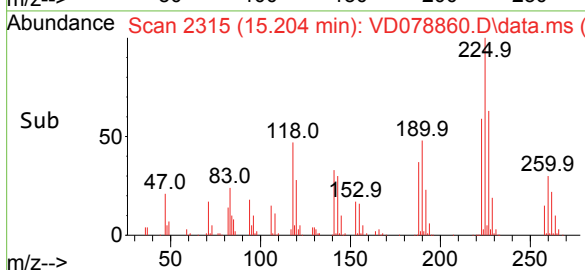
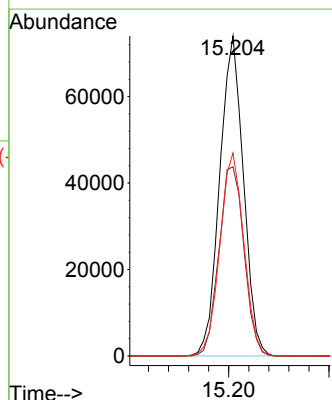
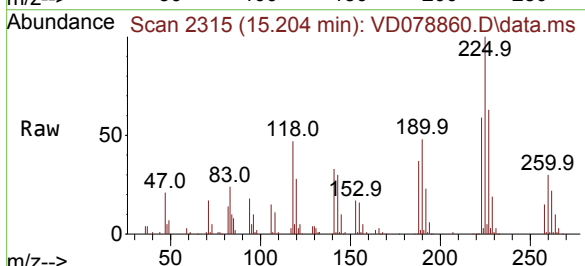
Tgt Ion:225 Resp: 121233

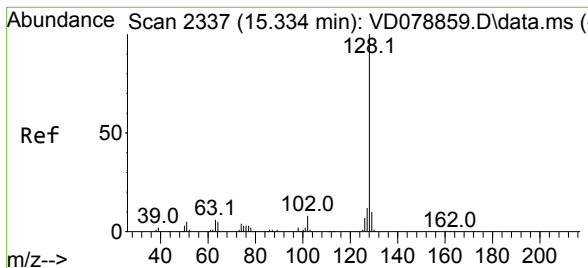
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.7

227 64.0 32.0 96.0

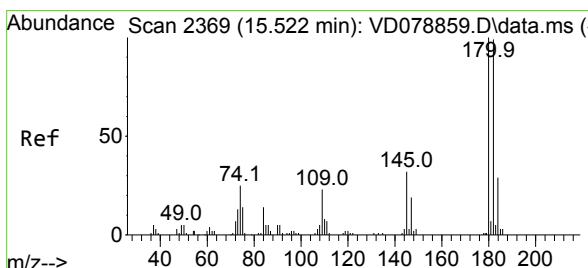
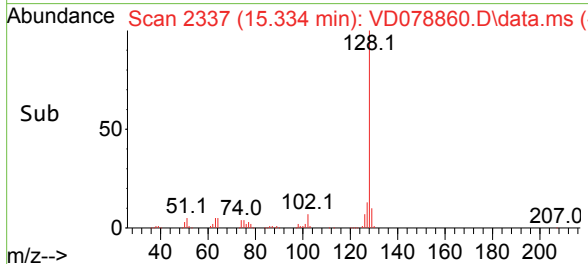
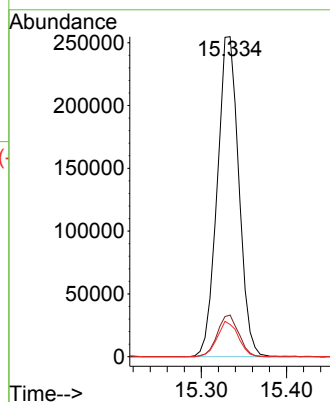
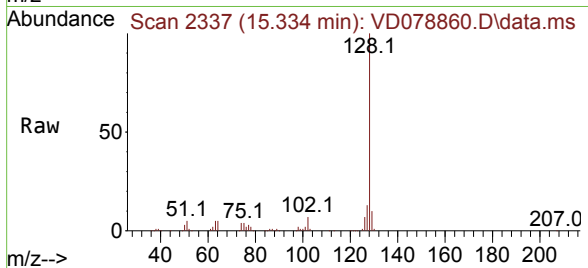




#95
Naphthalene
Concen: 118.026 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 447329
Ion Ratio Lower Upper
128 100
127 13.0 9.3 13.9
129 10.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 111.619 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078860.D
Acq: 01 May 2024 13:38

Tgt Ion:180 Resp: 208023
Ion Ratio Lower Upper
180 100
182 97.9 46.7 140.1
145 32.2 14.4 43.4

