

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010824\
 Data File : VD078131.D
 Acq On : 08 Jan 2024 14:36
 Operator : RP/MD
 Sample : VSTDIC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 09 01:01:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 00:46:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	115993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	182661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	167811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	111634	91.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	182.840%#
35) Dibromofluoromethane	7.810	113	125770	95.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	191.080%#
50) Toluene-d8	10.269	98	444932	100.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	201.560%#
62) 4-Bromofluorobenzene	12.575	95	144720	94.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	188.340%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	87612	96.902	ug/l	93
3) Chloromethane	2.152	50	129104	87.533	ug/l	97
4) Vinyl Chloride	2.287	62	188948	91.098	ug/l	97
5) Bromomethane	2.693	94	145801	91.563	ug/l	99
6) Chloroethane	2.840	64	146385	95.051	ug/l	100
7) Trichlorofluoromethane	3.181	101	205716	90.259	ug/l	99
8) Diethyl Ether	3.599	74	57864	96.822	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.975	101	123340	91.044	ug/l	96
10) Methyl Iodide	4.169	142	131269	100.559	ug/l #	89
11) Tert butyl alcohol	5.046	59	29700	477.410	ug/l #	85
12) 1,1-Dichloroethene	3.946	96	108054	94.193	ug/l #	84
13) Acrolein	3.799	56	47042	528.582	ug/l	99
14) Allyl chloride	4.569	41	155211	101.282	ug/l #	87
15) Acrylonitrile	5.258	53	142262	508.796	ug/l	98
16) Acetone	4.022	43	128976	512.455	ug/l #	82
17) Carbon Disulfide	4.275	76	246259	96.320	ug/l	100
18) Methyl Acetate	4.564	43	121127	110.198	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	282464	102.202	ug/l	96
20) Methylene Chloride	4.805	84	133172	98.663	ug/l #	80
21) trans-1,2-Dichloroethene	5.322	96	129635	99.297	ug/l	91
22) Diisopropyl ether	6.216	45	363626	100.909	ug/l #	91
23) Vinyl Acetate	6.158	43	702361	423.303	ug/l #	92
24) 1,1-Dichloroethane	6.122	63	237803	94.585	ug/l	96
25) 2-Butanone	7.087	43	179873	476.830	ug/l #	81
26) 2,2-Dichloropropane	7.081	77	218768	97.274	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	155461	96.855	ug/l	90
28) Bromochloromethane	7.428	49	95053	104.273	ug/l	83
29) Tetrahydrofuran	7.446	42	101373	512.236	ug/l	87
30) Chloroform	7.599	83	263310	96.623	ug/l	94
31) Cyclohexane	7.881	56	166150	89.922	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	230051	97.595	ug/l	99
36) 1,1-Dichloropropene	8.010	75	184882	104.013	ug/l	96
37) Ethyl Acetate	7.169	43	61666	88.149	ug/l	98
38) Carbon Tetrachloride	7.993	117	205504	100.386	ug/l	94
39) Methylcyclohexane	9.275	83	199642	102.060	ug/l	96
40) Benzene	8.257	78	544735	102.672	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	45263	113.276	ug/l #	86
42) 1,2-Dichloroethane	8.334	62	150723	100.946	ug/l	94
43) Isopropyl Acetate	8.363	43	140879	104.463	ug/l #	90
44) Trichloroethene	9.034	130	144375	100.638	ug/l	96
45) 1,2-Dichloropropane	9.304	63	138372	101.124	ug/l	97
46) Dibromomethane	9.399	93	77502	102.377	ug/l	90
47) Bromodichloromethane	9.587	83	204551	101.634	ug/l	98
48) Methyl methacrylate	9.387	41	76614	102.798	ug/l #	80
49) 1,4-Dioxane	9.387	88	14066	2125.538	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	383798	549.287	ug/l	89
52) Toluene	10.334	92	360930	107.715	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	189311	105.981	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	217075	106.510	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	108999	102.656	ug/l	99
56) Ethyl methacrylate	10.598	69	92605	111.913	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	181720	105.445	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	225404	596.570	ug/l	95
59) 2-Hexanone	10.922	43	274380	522.292	ug/l	89
60) Dibromochloromethane	11.075	129	137928	102.808	ug/l	96
61) 1,2-Dibromoethane	11.181	107	100666	102.978	ug/l	99
64) Tetrachloroethene	10.810	164	110344	97.116	ug/l	89
65) Chlorobenzene	11.610	112	386342	100.061	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	152167	101.458	ug/l	97
67) Ethyl Benzene	11.687	91	722605	106.571	ug/l	96
68) m/p-Xylenes	11.793	106	559619	214.117	ug/l	90
69) o-Xylene	12.122	106	258843	106.948	ug/l	89
70) Styrene	12.134	104	405733	110.276	ug/l	95
71) Bromoform	12.298	173	79169	104.437	ug/l #	99
73) Isopropylbenzene	12.422	105	715846	103.566	ug/l	96
74) N-amyl acetate	12.234	43	128415	101.583	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	127280	97.860	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	153066	167.103	ug/l #	100
77) Bromobenzene	12.704	156	157144	98.970	ug/l	89
78) n-propylbenzene	12.763	91	860473	102.705	ug/l	96
79) 2-Chlorotoluene	12.851	91	456284	102.360	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	600562	104.693	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	40017	104.200	ug/l	95
82) 4-Chlorotoluene	12.945	91	485108	101.175	ug/l	95
83) tert-Butylbenzene	13.169	119	518673	103.276	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	611078	107.303	ug/l	95
85) sec-Butylbenzene	13.345	105	755931	102.734	ug/l	97
86) p-Isopropyltoluene	13.463	119	689270	105.793	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	341538	103.673	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	319936	98.320	ug/l	98
89) n-Butylbenzene	13.787	91	635091	102.649	ug/l	98
90) Hexachloroethane	14.057	117	131321	98.068	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	285366	100.416	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	18743	106.351	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	173967	98.862	ug/l	97
94) Hexachlorobutadiene	15.204	225	93025	93.696	ug/l	99
95) Naphthalene	15.334	128	342977	109.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	153766	102.462	ug/l	99

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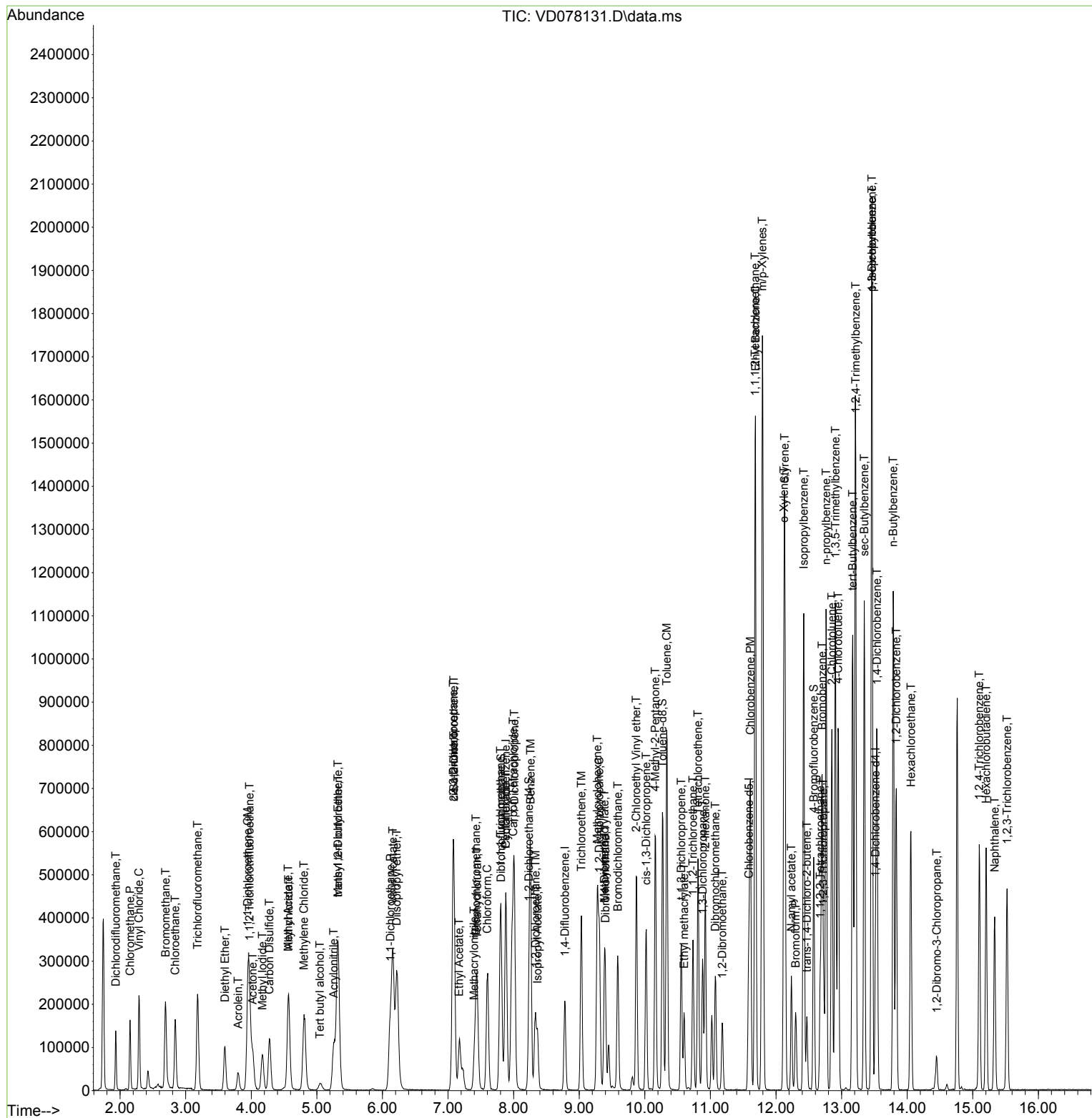
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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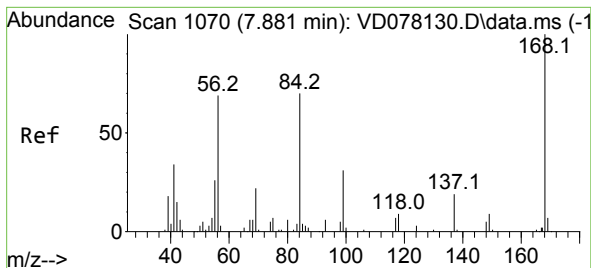
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078131.D

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Instrument :

MSVOA_D

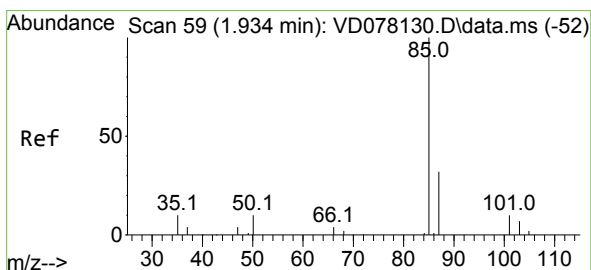
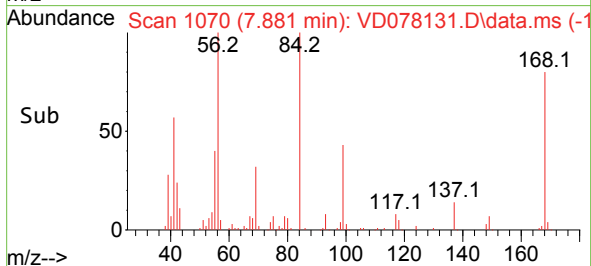
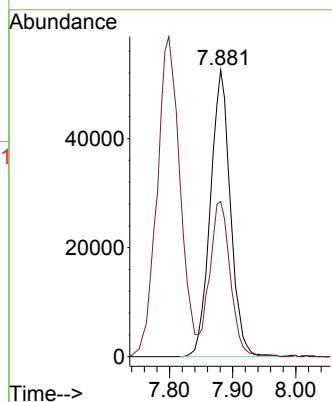
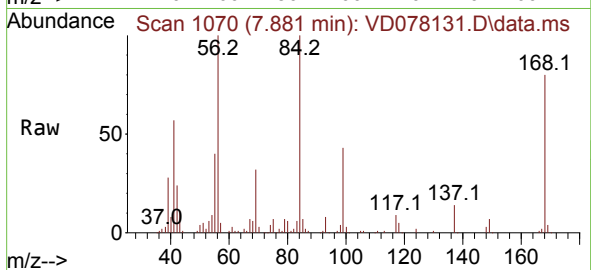
ClientSampleId :

Tgt Ion:168 Resp: 115993

Ion Ratio Lower Upper

168 100

99 54.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 96.902 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078131.D

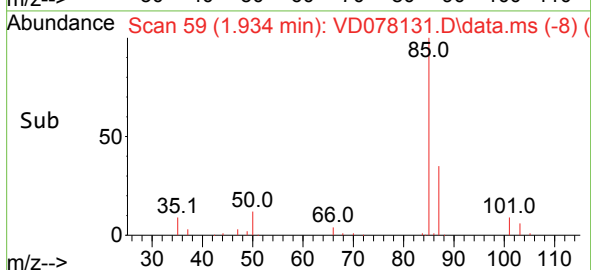
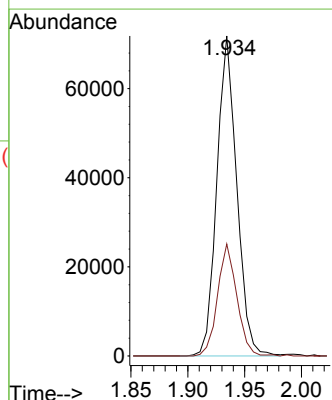
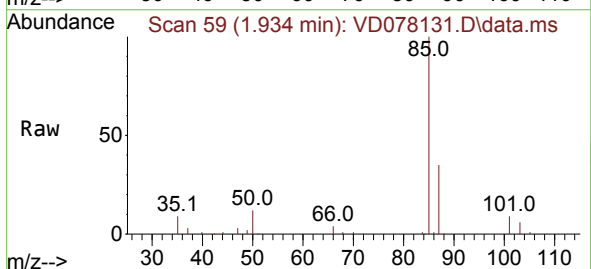
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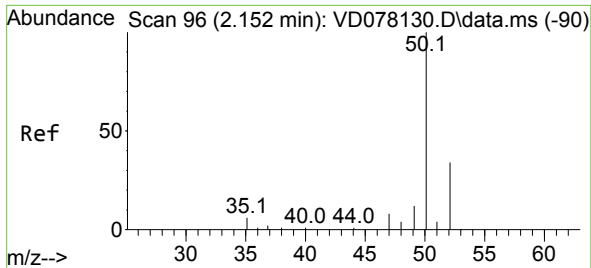
Tgt Ion: 85 Resp: 87612

Ion Ratio Lower Upper

85 100

87 35.0 15.7 47.0

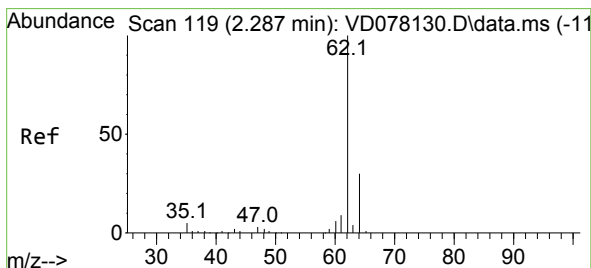
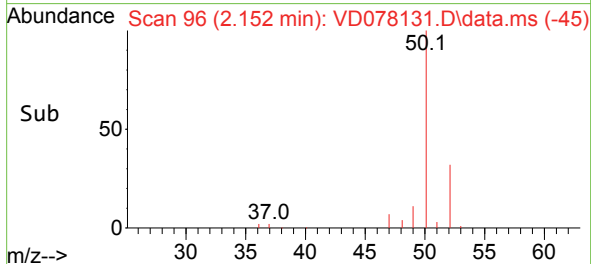
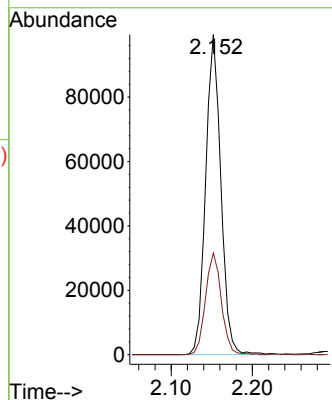
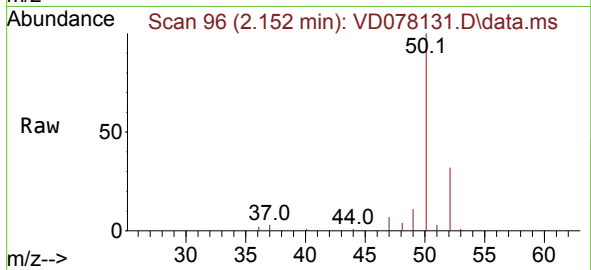




#3
Chloromethane
Concen: 87.533 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078131.D
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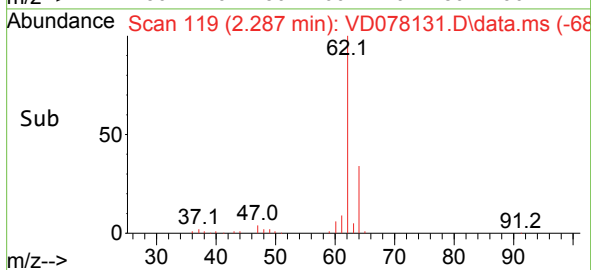
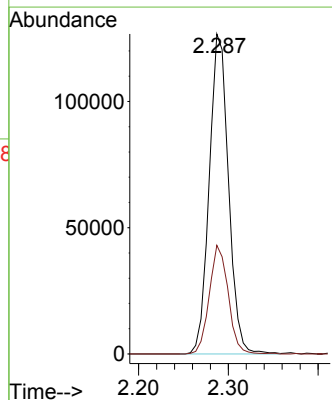
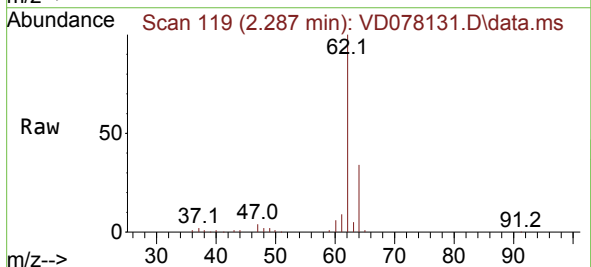
Instrument :
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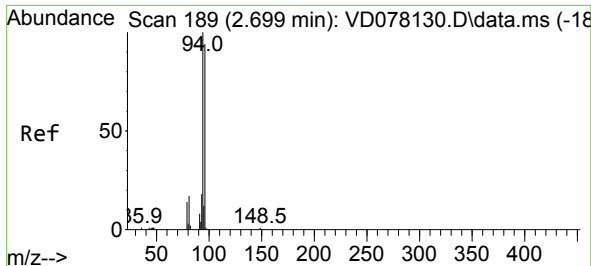
Tgt Ion: 50 Resp: 129104
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 91.098 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 62 Resp: 188948
Ion Ratio Lower Upper
62 100
64 34.0 26.0 39.0

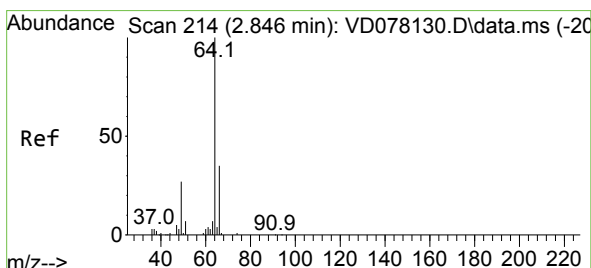
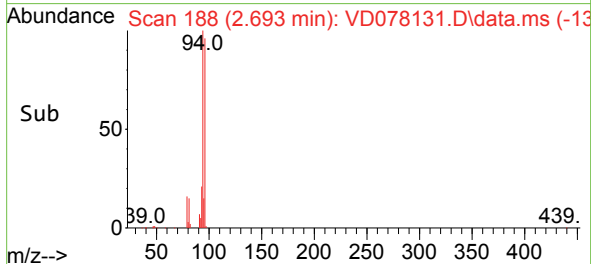
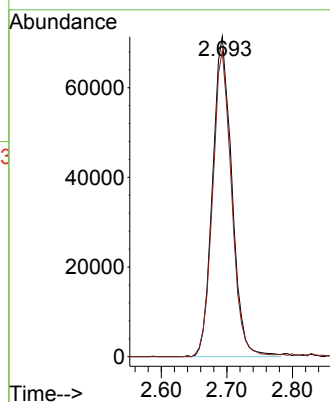
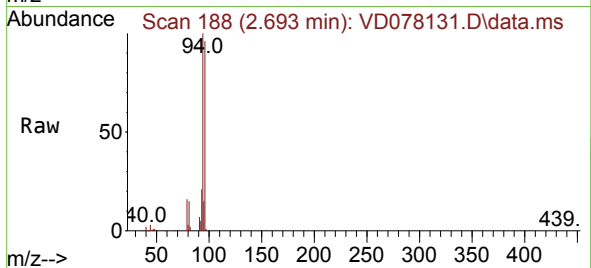




#5
Bromomethane
Concen: 91.563 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078131.D
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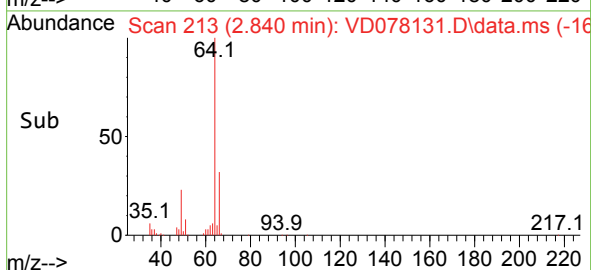
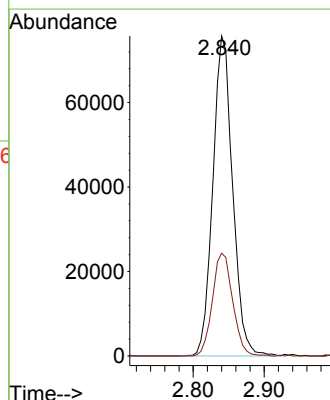
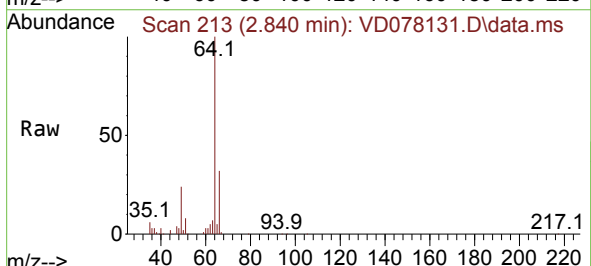
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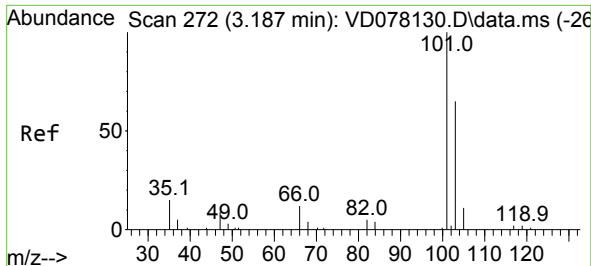
Tgt Ion: 94 Resp: 145801
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.8



#6
Chloroethane
Concen: 95.051 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 64 Resp: 146385
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3

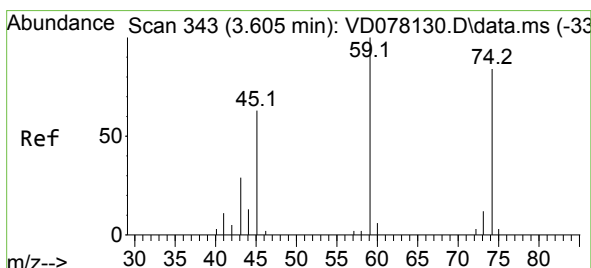
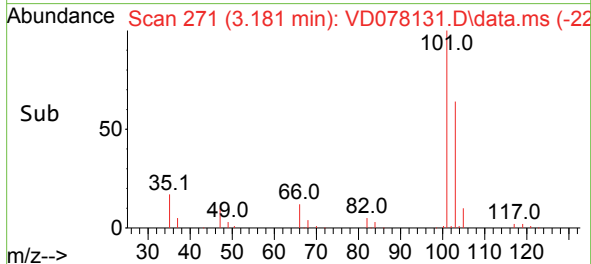
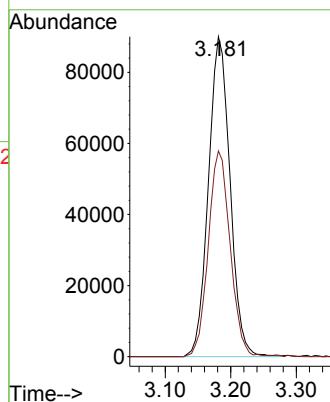
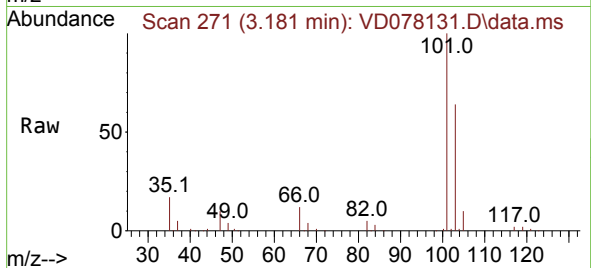




#7
 Trichlorofluoromethane
 Concen: 90.259 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

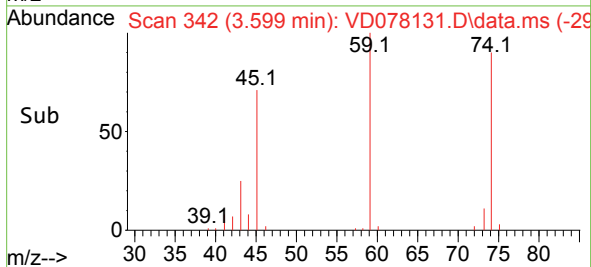
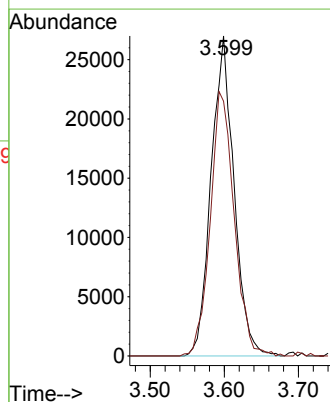
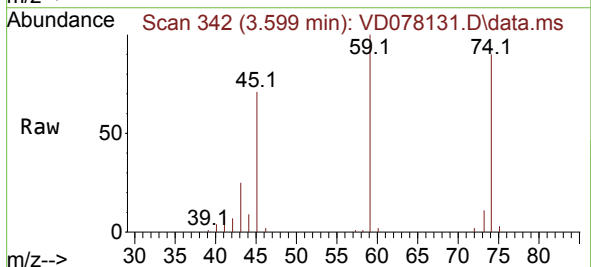
Instrument :
 MSVOA_D
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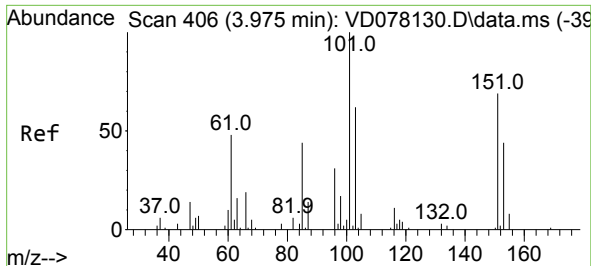
Tgt Ion:101 Resp: 205716
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 96.822 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VD078131.D
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Tgt Ion: 74 Resp: 57864
 Ion Ratio Lower Upper
 74 100
 45 86.7 37.5 112.7

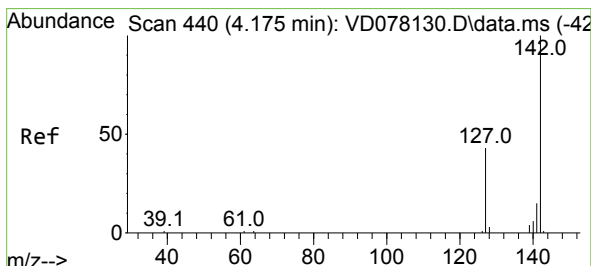
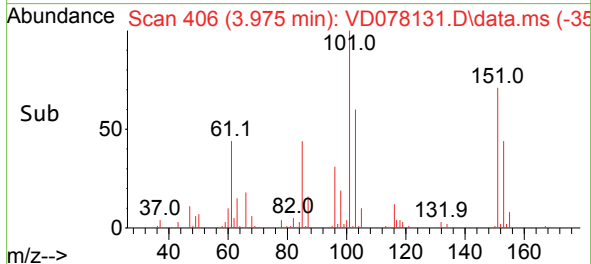
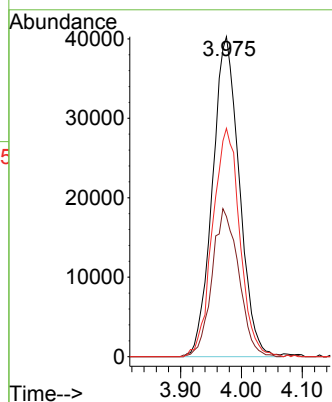
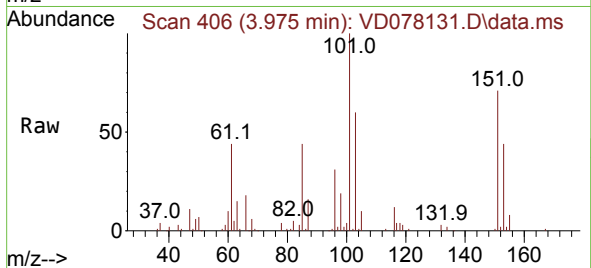




#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.044 ug/l
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

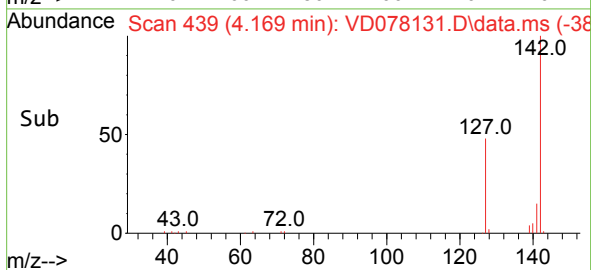
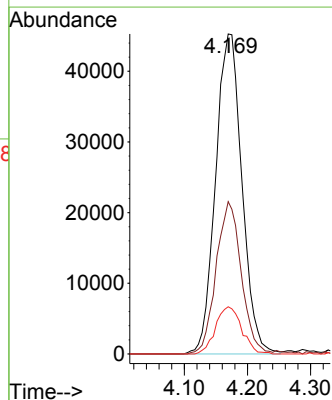
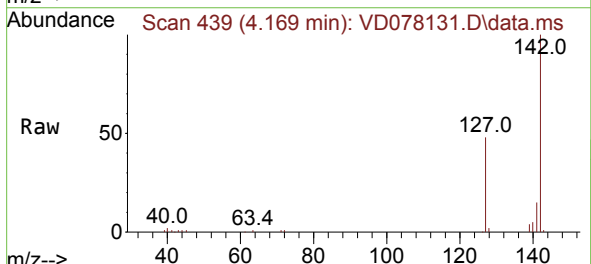
Instrument :
MSVOA_D
ClientSampleId :

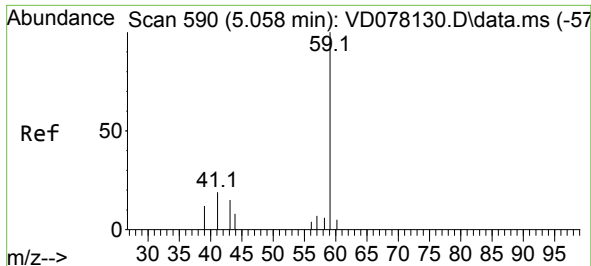
Tgt Ion:101 Resp: 123340
Ion Ratio Lower Upper
101 100
85 45.9 33.8 50.6
151 72.2 59.8 89.6



#10
Methyl Iodide
Concen: 100.559 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

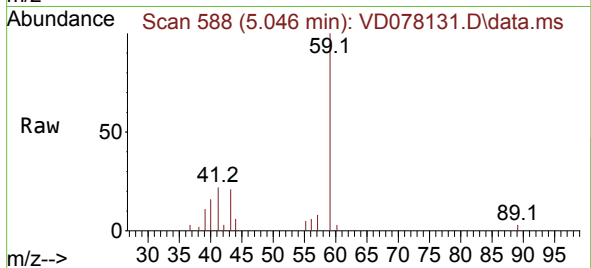
Tgt Ion:142 Resp: 131269
Ion Ratio Lower Upper
142 100
127 45.4 29.4 44.0#
141 14.6 11.1 16.7



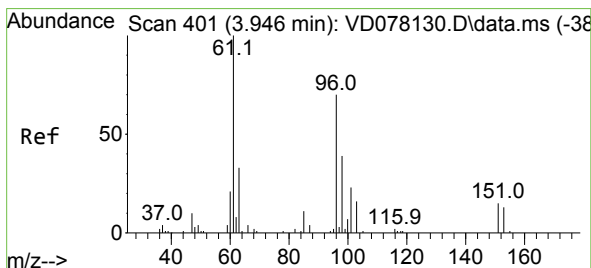
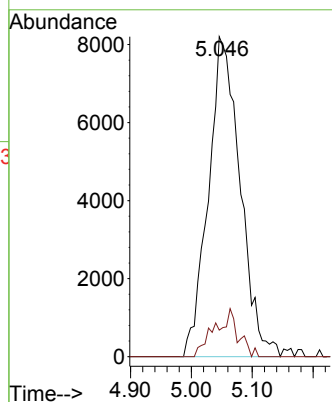


#11
Tert butyl alcohol
Concen: 477.410 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Instrument :
MSVOA_D
ClientSampleId :

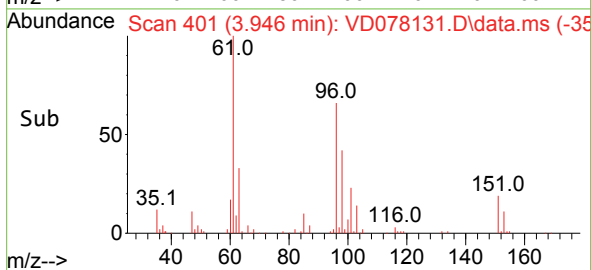
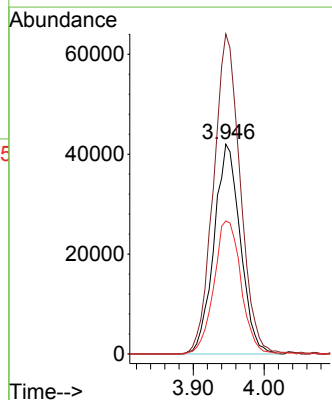
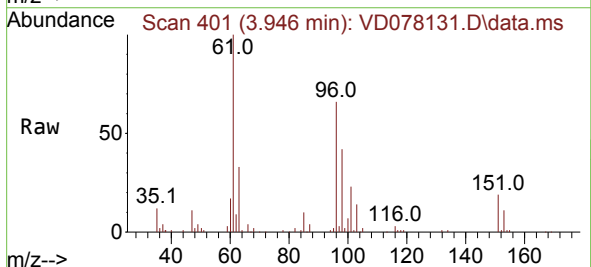


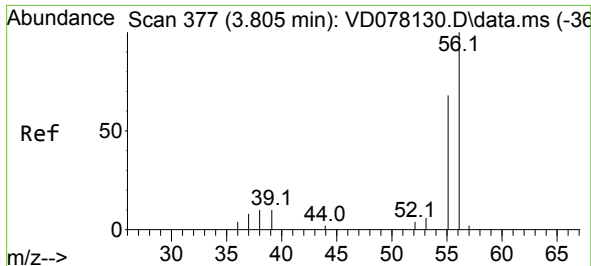
Tgt Ion: 59 Resp: 29700
Ion Ratio Lower Upper
59 100
57 4.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 94.193 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 96 Resp: 108054
Ion Ratio Lower Upper
96 100
61 152.5 100.6 150.8#
98 63.4 50.2 75.2





#13

Acrolein

Concen: 528.582 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

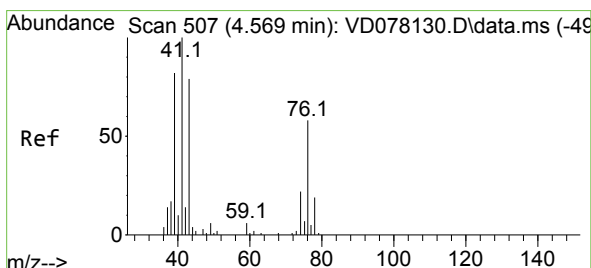
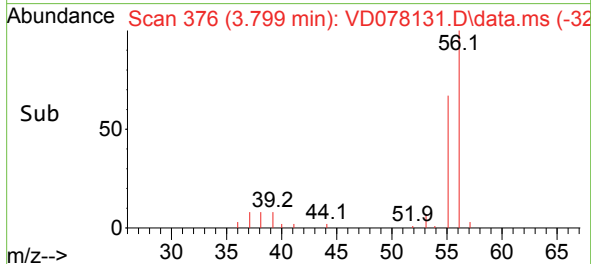
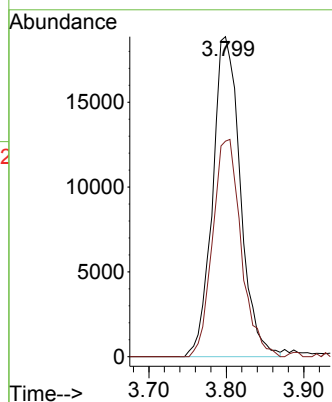
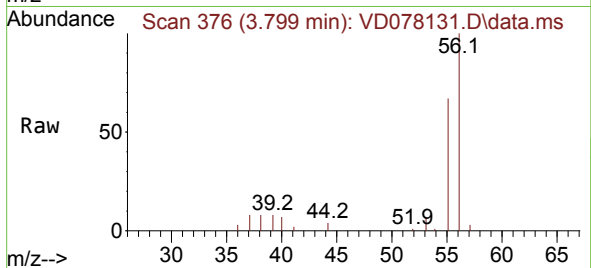
ClientSampleId :

Tgt Ion: 56 Resp: 47042

Ion Ratio Lower Upper

56 100

55 69.7 55.1 82.7



#14

Allyl chloride

Concen: 101.282 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

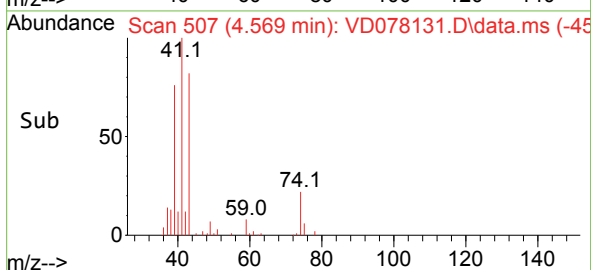
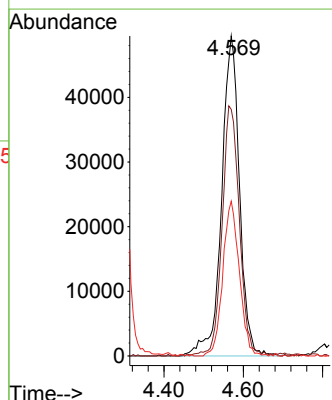
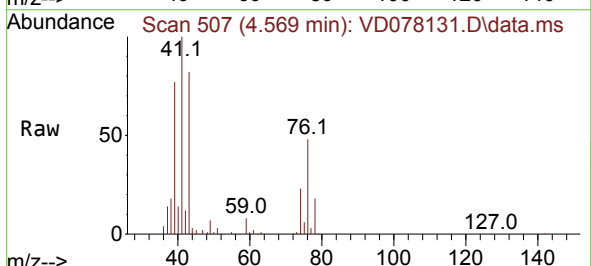
Tgt Ion: 41 Resp: 155211

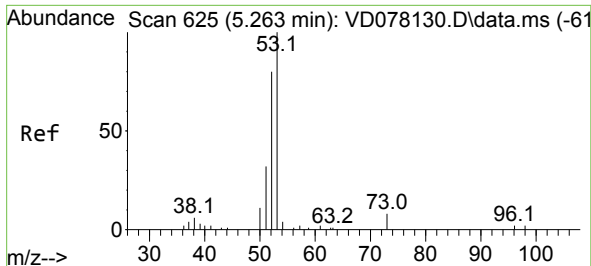
Ion Ratio Lower Upper

41 100

39 75.6 53.8 80.6

76 44.7 45.8 68.8#

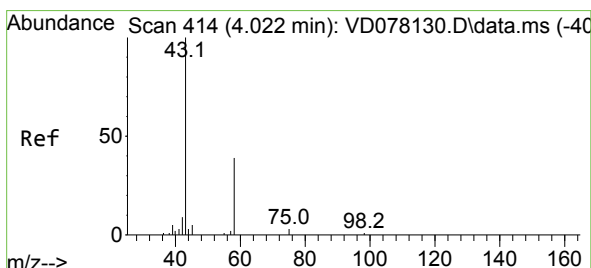
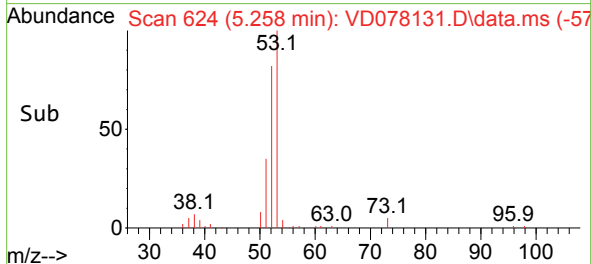
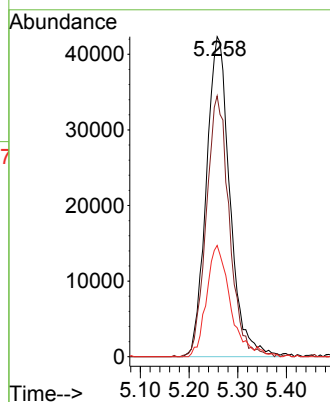
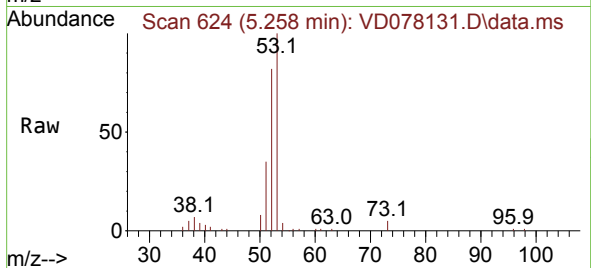




#15
Acrylonitrile
Concen: 508.796 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

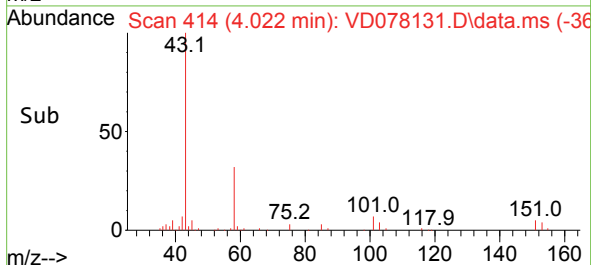
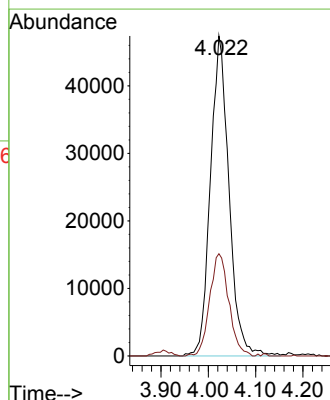
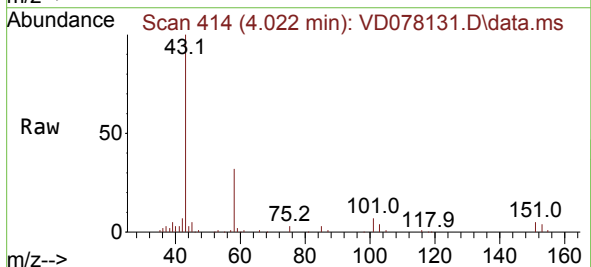
Instrument :
MSVOA_D
ClientSampleId :

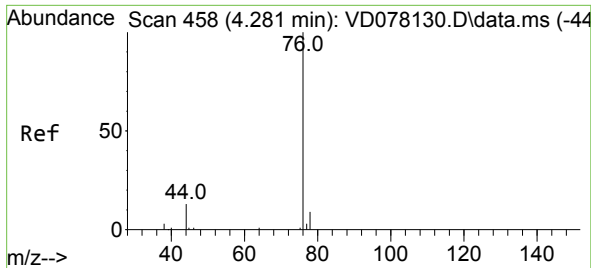
Tgt Ion: 53 Resp: 142262
Ion Ratio Lower Upper
53 100
52 79.5 65.0 97.4
51 34.4 28.3 42.5



#16
Acetone
Concen: 512.455 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 43 Resp: 128976
Ion Ratio Lower Upper
43 100
58 32.0 34.7 52.1#

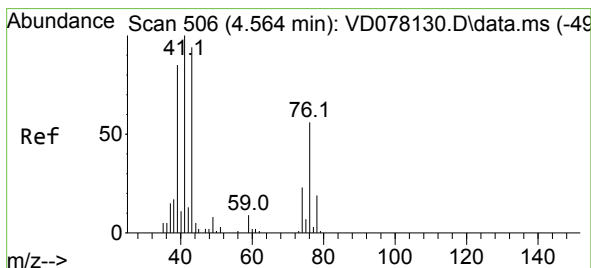
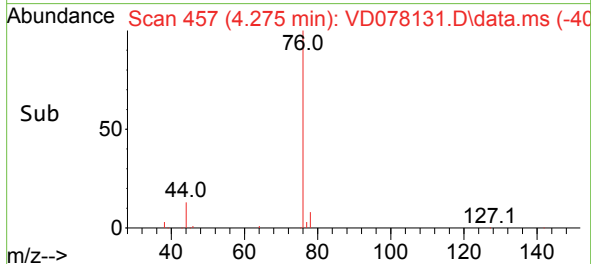
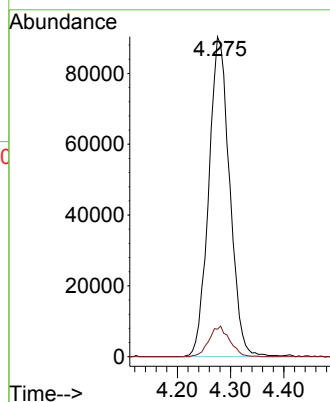
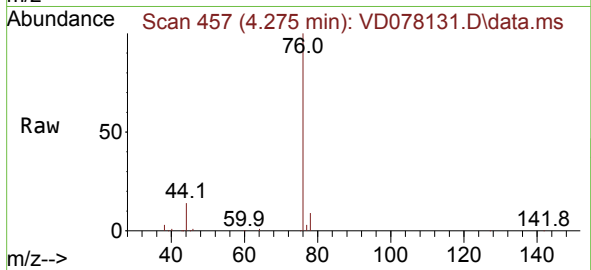




#17
Carbon Disulfide
Concen: 96.320 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

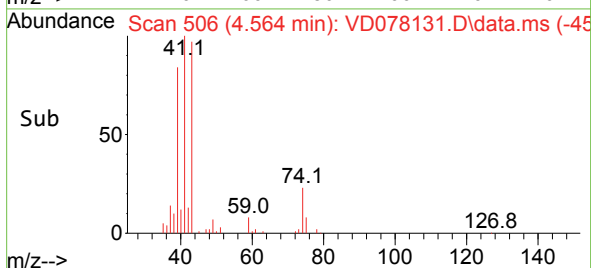
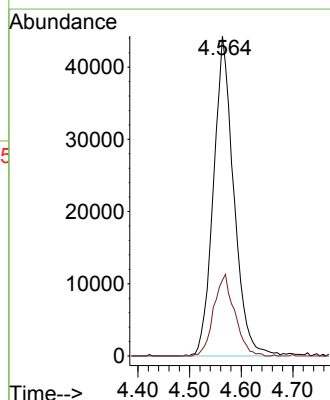
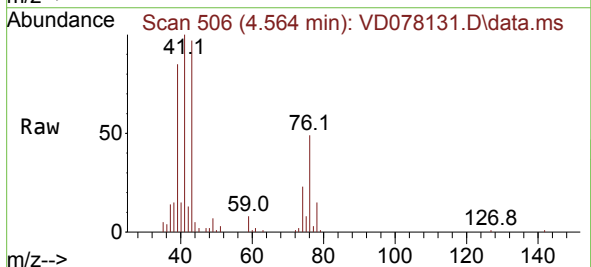
Instrument :
MSVOA_D
ClientSampleId :

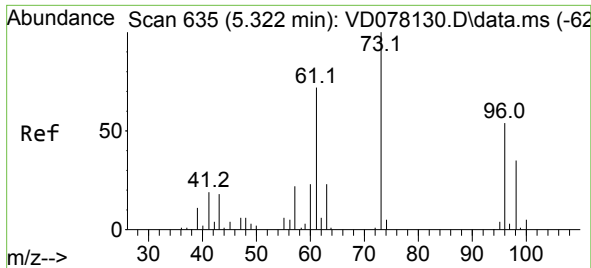
Tgt Ion: 76 Resp: 246259
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 110.198 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 43 Resp: 121127
Ion Ratio Lower Upper
43 100
74 26.2 26.4 39.6#

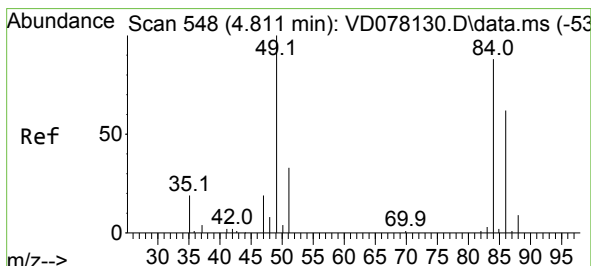
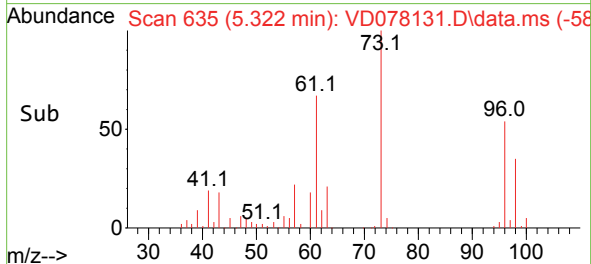
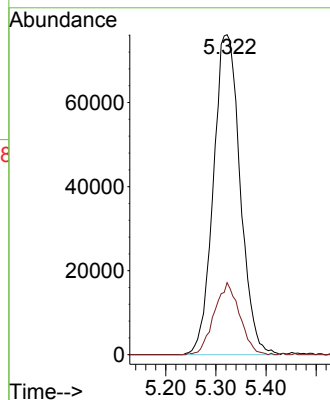
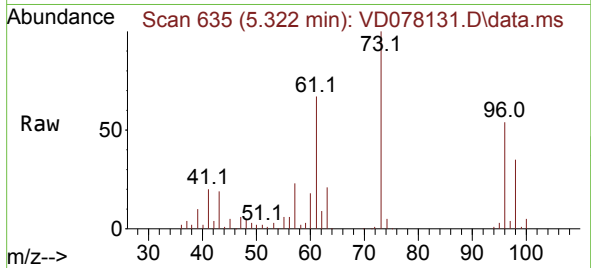




#19
Methyl tert-butyl Ether
Concen: 102.202 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

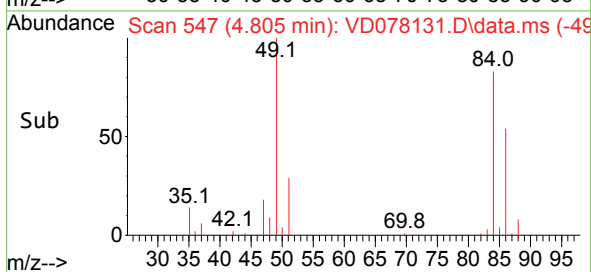
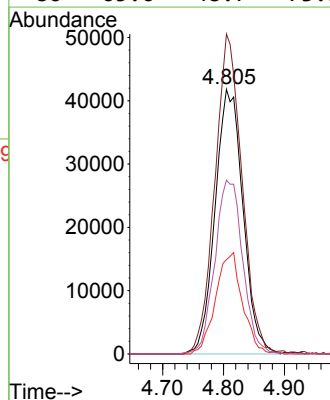
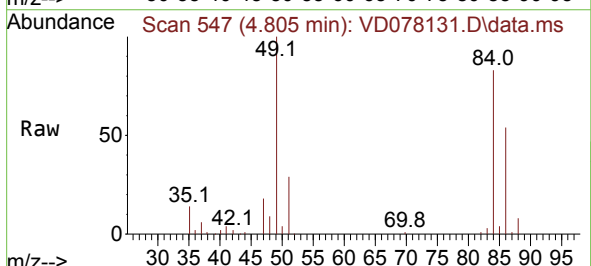
Instrument :
MSVOA_D
ClientSampleId :

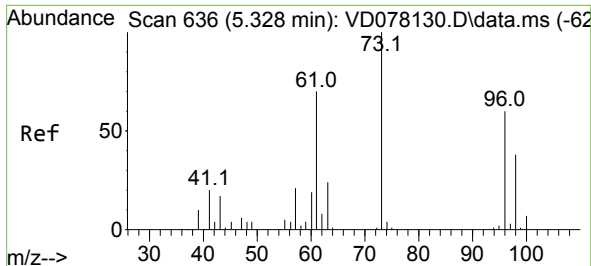
Tgt Ion: 73 Resp: 282464
Ion Ratio Lower Upper
73 100
57 22.5 16.6 25.0



#20
Methylene Chloride
Concen: 98.663 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 84 Resp: 133172
Ion Ratio Lower Upper
84 100
49 120.9 71.4 107.2#
51 35.6 24.5 36.7
86 65.6 48.7 73.1

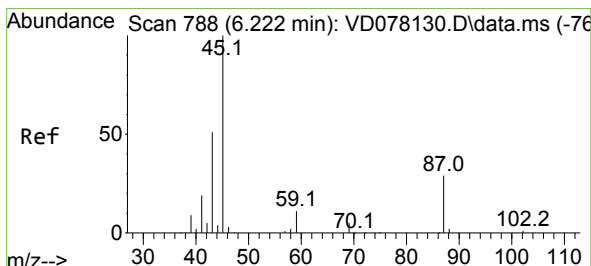
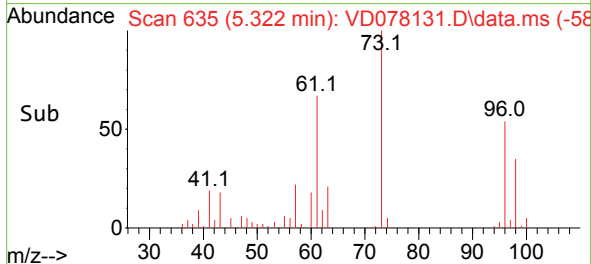
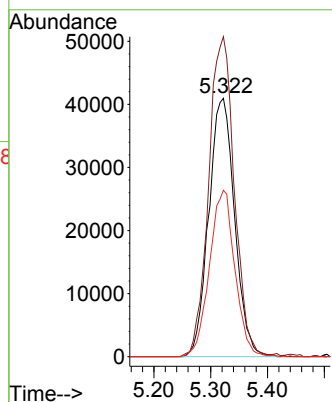
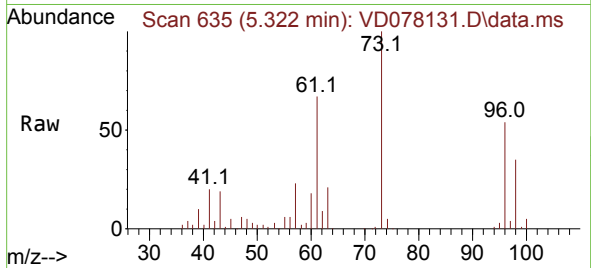




#21
trans-1,2-Dichloroethene
Concen: 99.297 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

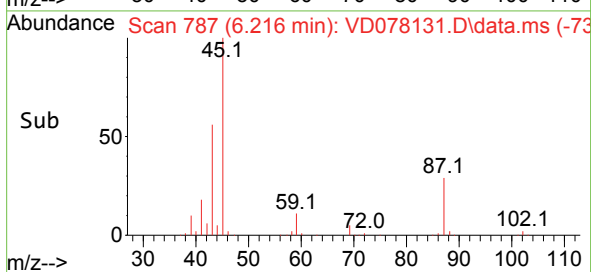
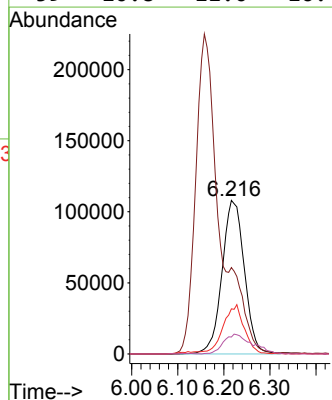
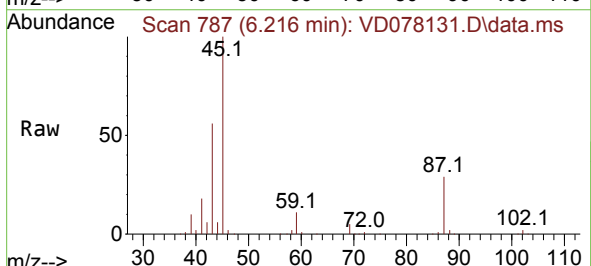
Instrument :
MSVOA_D
ClientSampleId :

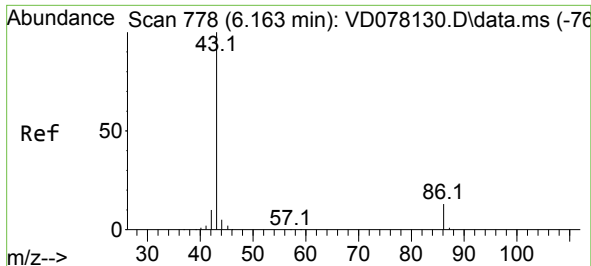
Tgt Ion: 96 Resp: 129635
Ion Ratio Lower Upper
96 100
61 123.9 89.3 133.9
98 64.4 48.6 73.0



#22
Diisopropyl ether
Concen: 100.909 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 45 Resp: 363626
Ion Ratio Lower Upper
45 100
43 55.5 40.0 60.0
87 29.2 28.2 42.4
59 10.8 11.0 16.4#

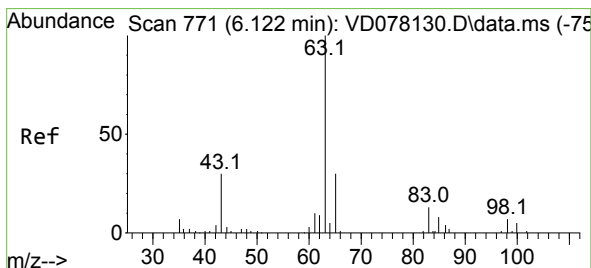
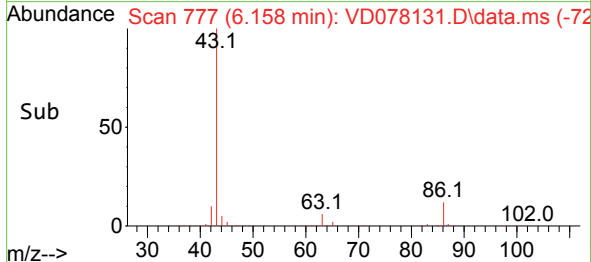
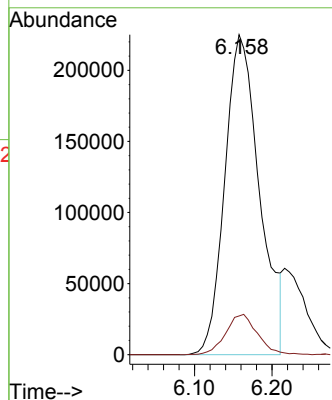
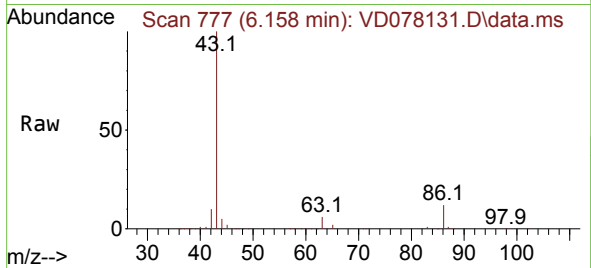




#23
 Vinyl Acetate
 Concen: 423.303 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

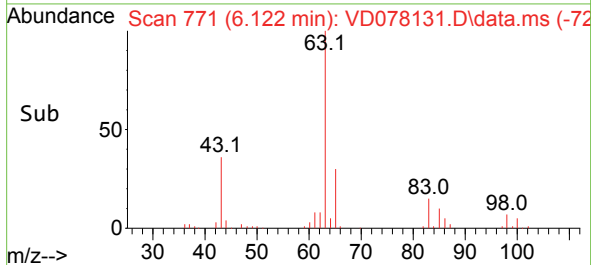
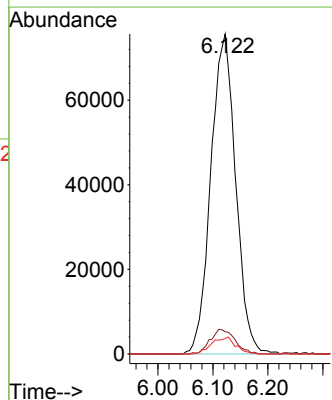
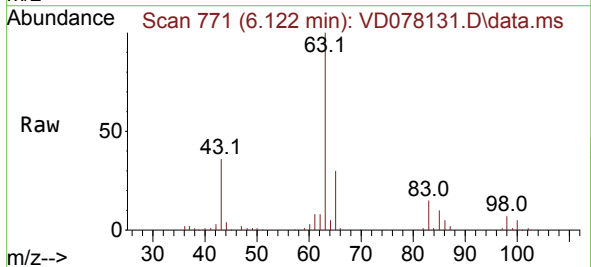
Instrument :
 MSVOA_D
 ClientSampleId :

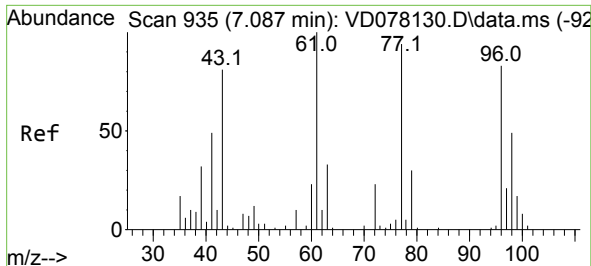
Tgt Ion: 43 Resp: 702361
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 94.585 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

Tgt Ion: 63 Resp: 237803
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 4.8 2.5 7.5

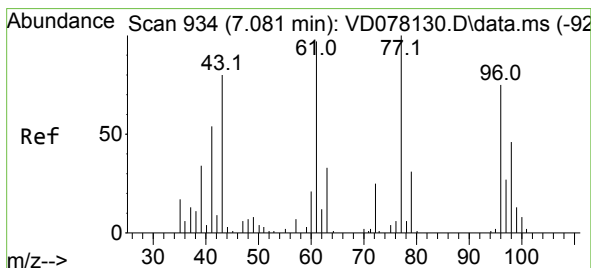
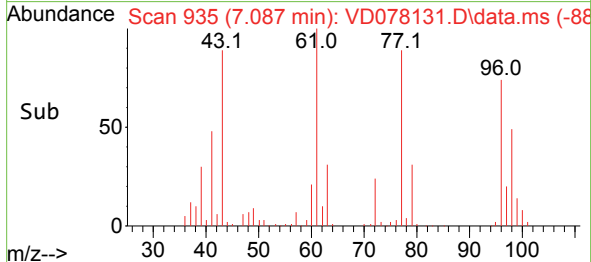
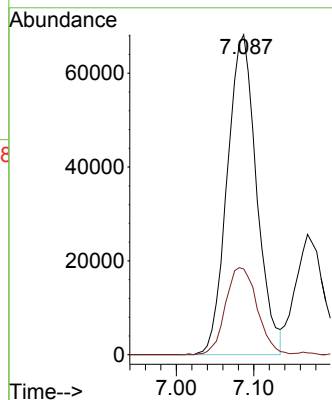
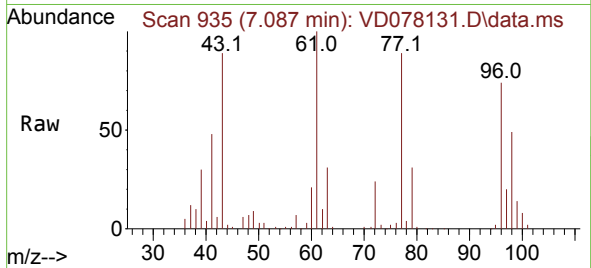




#25
2-Butanone
Concen: 476.830 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

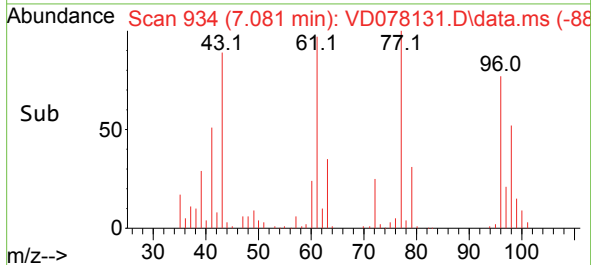
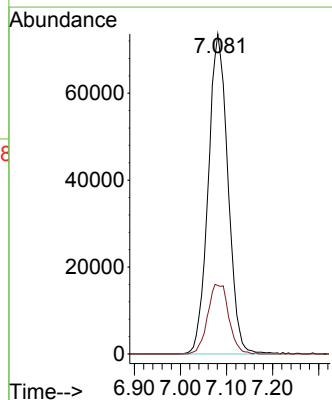
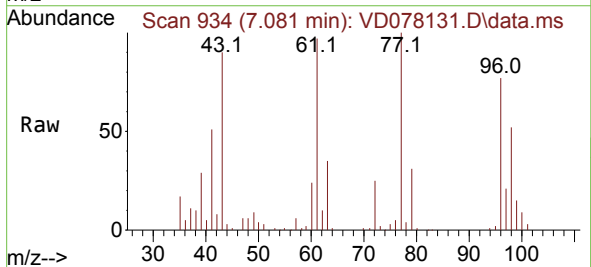
Instrument :
MSVOA_D
ClientSampleId :

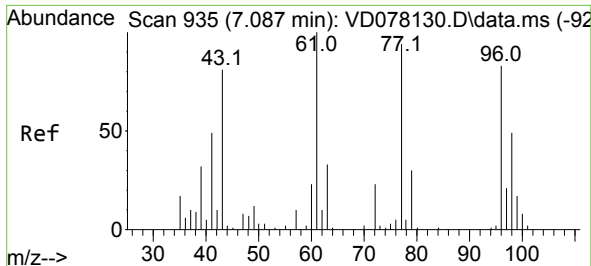
Tgt Ion: 43 Resp: 179873
Ion Ratio Lower Upper
43 100
72 26.8 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 97.274 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 77 Resp: 218768
Ion Ratio Lower Upper
77 100
97 23.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 96.855 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

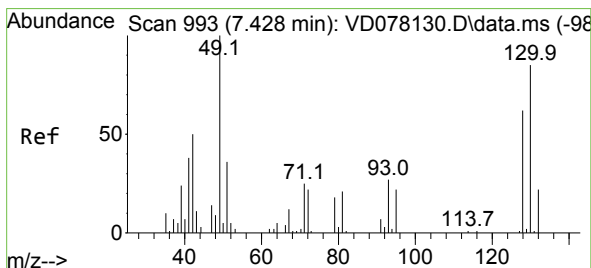
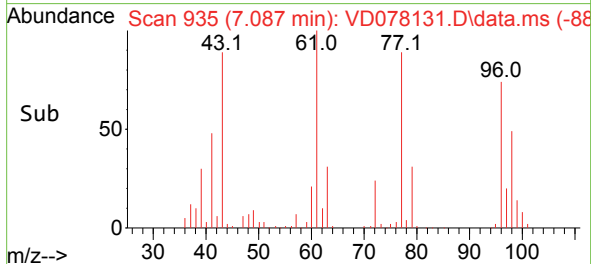
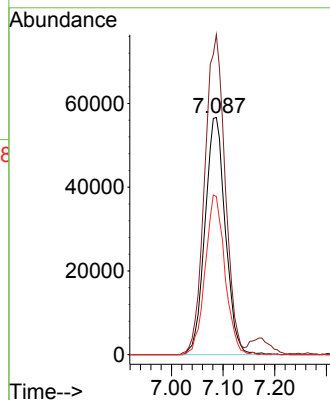
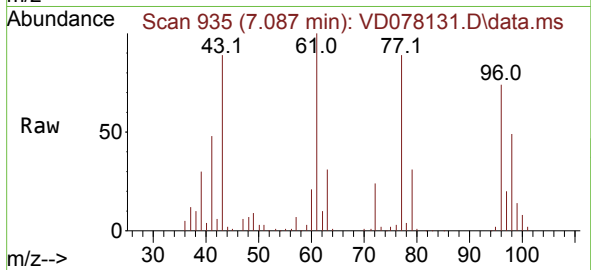
Tgt Ion: 96 Resp: 155461

Ion Ratio Lower Upper

96 100

61 135.4 0.0 239.2

98 65.2 0.0 128.6



#28

Bromochloromethane

Concen: 104.273 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

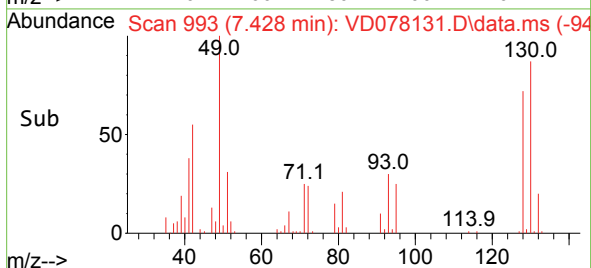
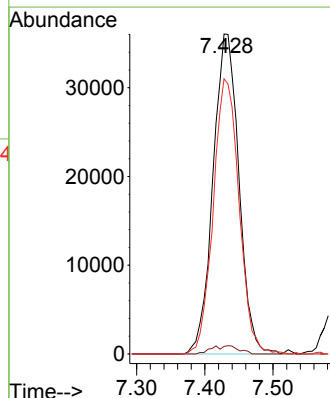
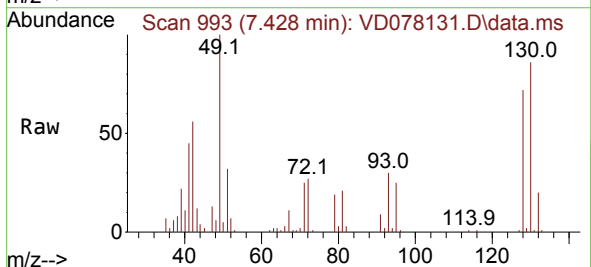
Tgt Ion: 49 Resp: 95053

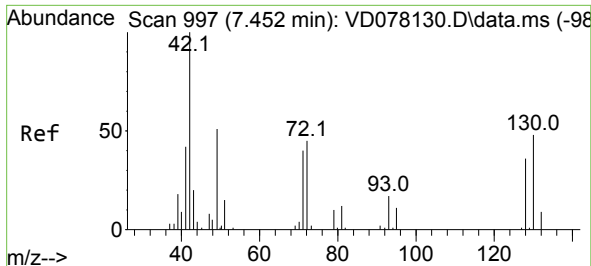
Ion Ratio Lower Upper

49 100

129 1.6 0.0 6.0

130 85.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 512.236 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

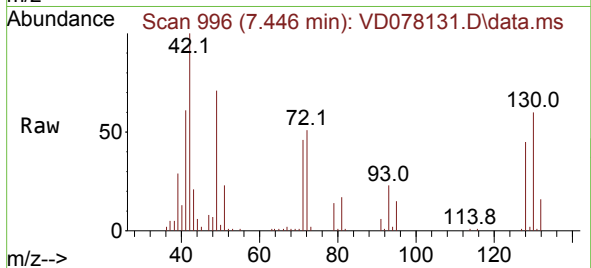
Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :



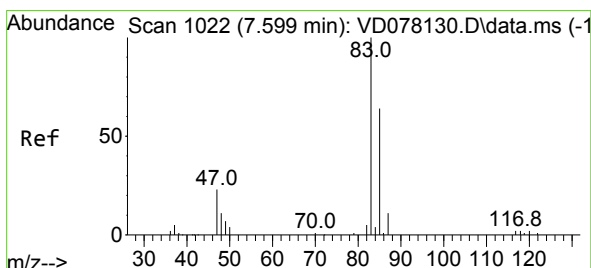
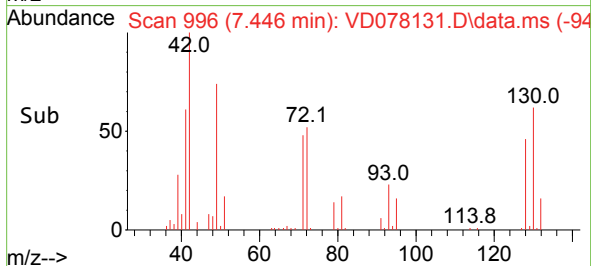
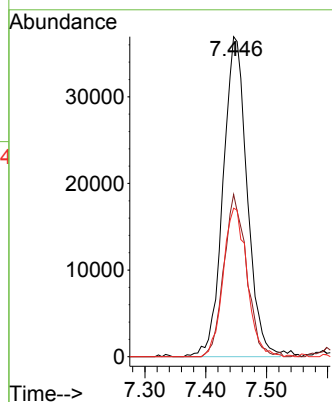
Tgt Ion: 42 Resp: 101373

Ion Ratio Lower Upper

42 100

72 47.8 46.5 69.7

71 46.1 44.5 66.7



#30

Chloroform

Concen: 96.623 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078131.D

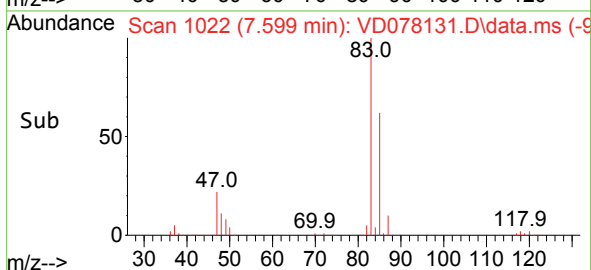
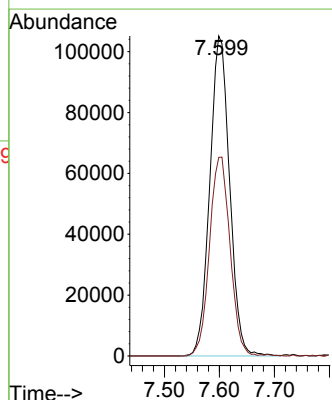
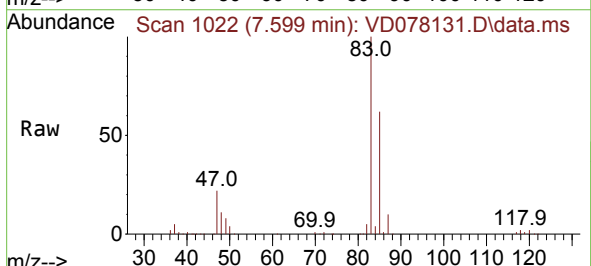
Acq: 08 Jan 2024 14:36

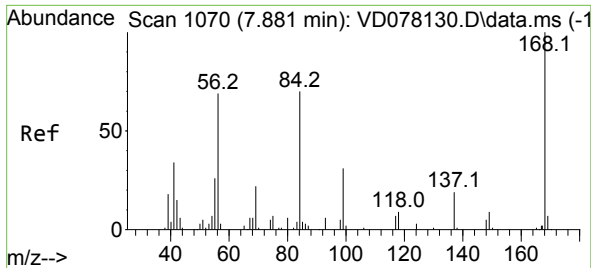
Tgt Ion: 83 Resp: 263310

Ion Ratio Lower Upper

83 100

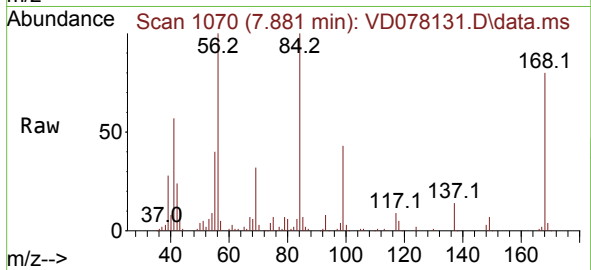
85 62.0 53.4 80.2



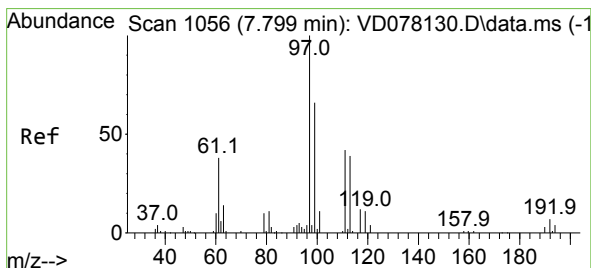
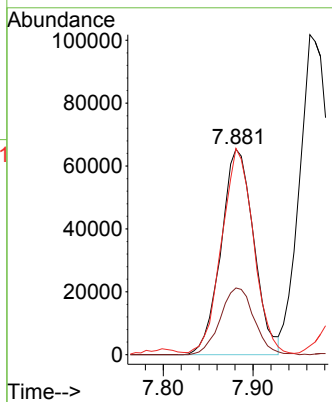
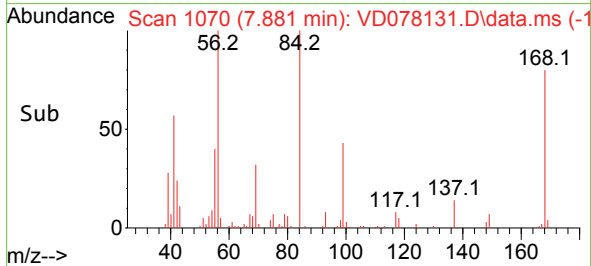


#31
Cyclohexane
Concen: 89.922 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

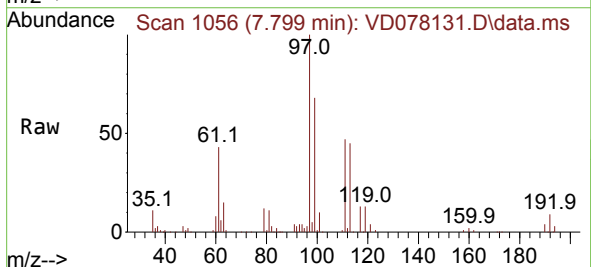
Instrument :
MSVOA_D
ClientSampleId :



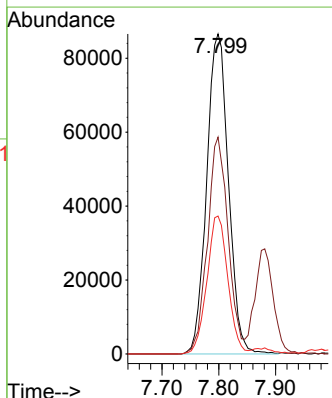
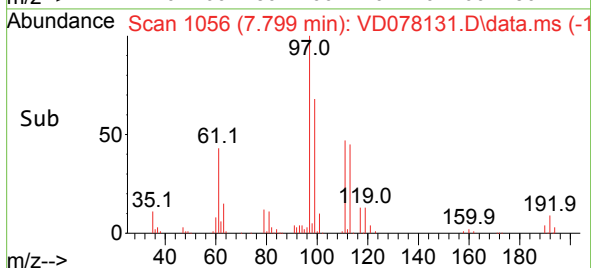
Tgt Ion: 56 Resp: 166150
Ion Ratio Lower Upper
56 100
69 32.5 28.6 43.0
84 99.1 84.8 127.2

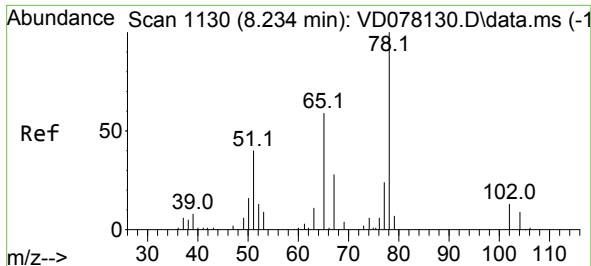


#32
1,1,1-Trichloroethane
Concen: 97.595 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36



Tgt Ion: 97 Resp: 230051
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 41.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 91.417 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

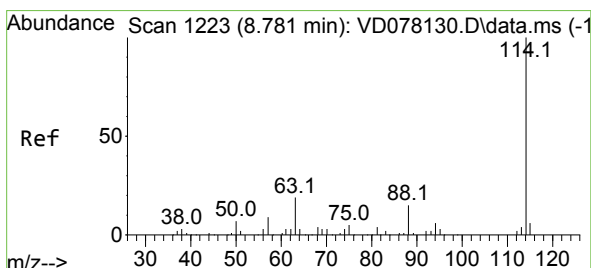
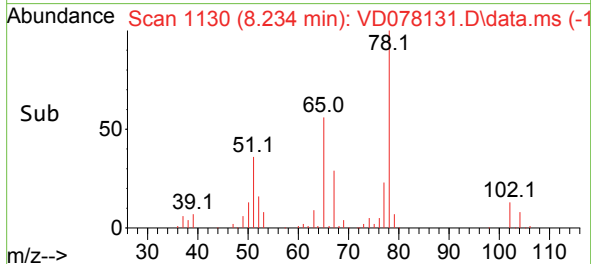
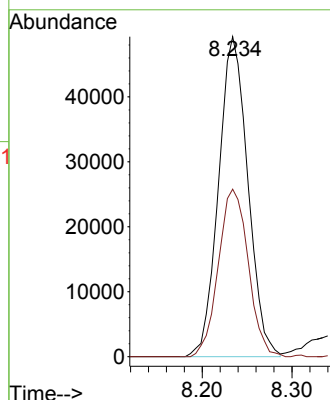
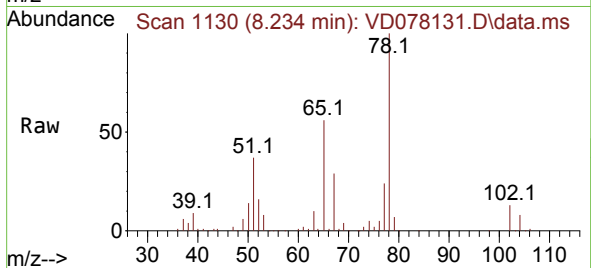
ClientSampleId :

Tgt Ion: 65 Resp: 111634

Ion Ratio Lower Upper

65 100

67 53.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

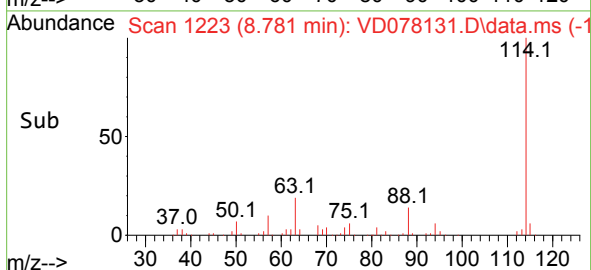
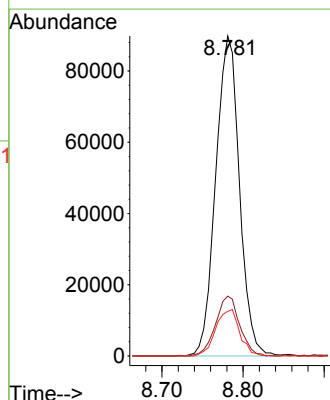
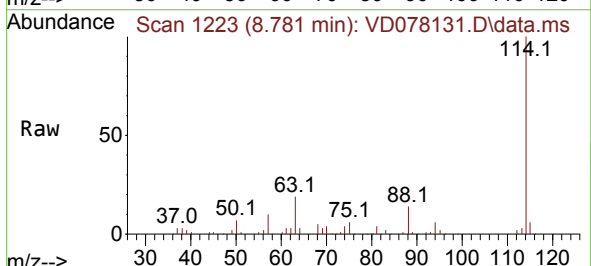
Tgt Ion:114 Resp: 182661

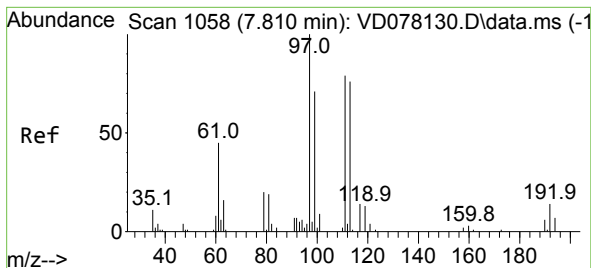
Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 95.538 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

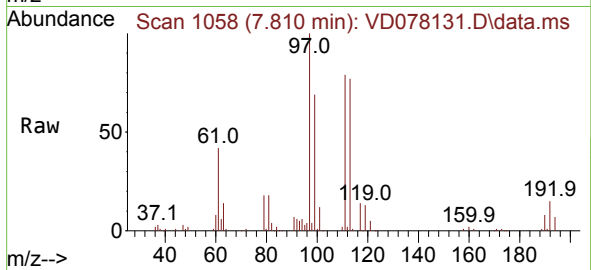
Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :



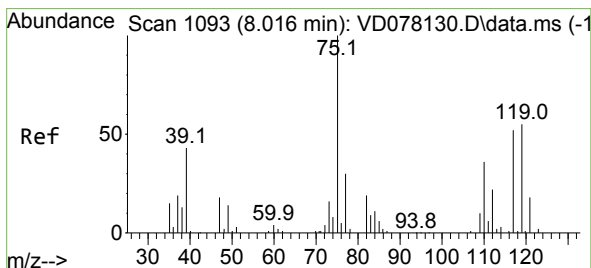
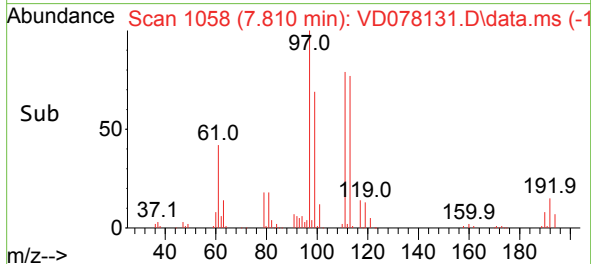
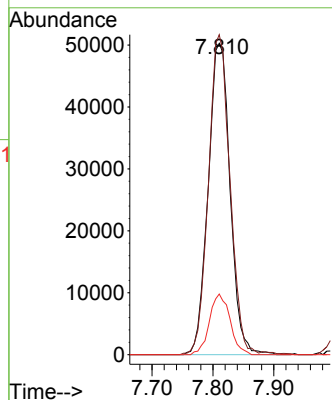
Tgt Ion:113 Resp: 125770

Ion Ratio Lower Upper

113 100

111 100.6 84.7 127.1

192 18.4 16.8 25.2



#36

1,1-Dichloropropene

Concen: 104.013 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

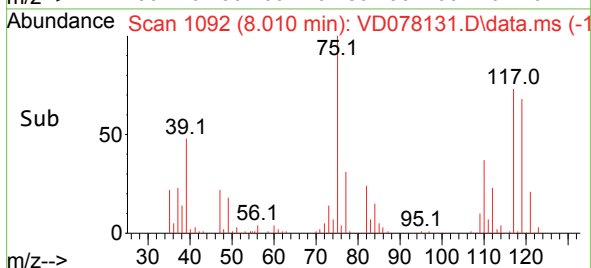
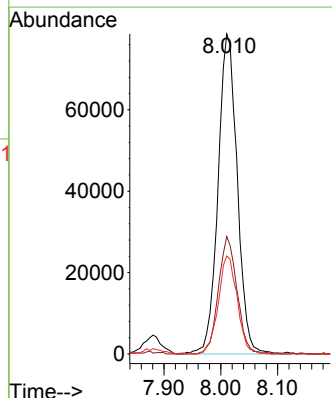
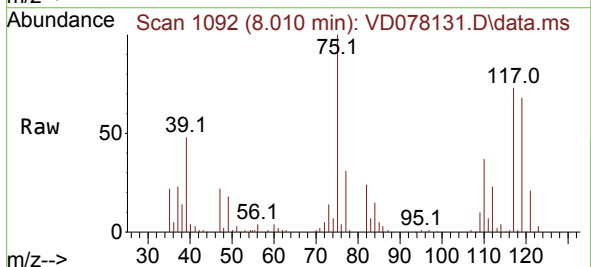
Tgt Ion: 75 Resp: 184882

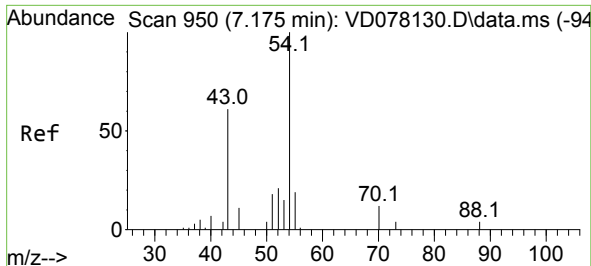
Ion Ratio Lower Upper

75 100

110 35.6 19.9 59.6

77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 88.149 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

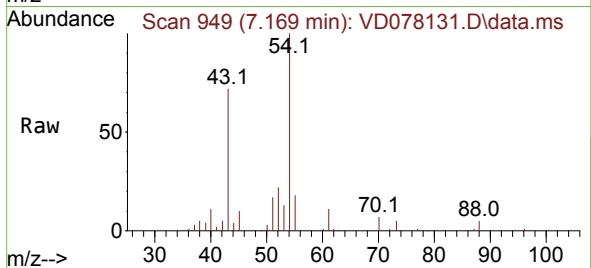
Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

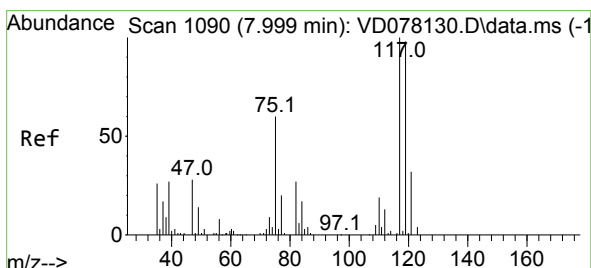
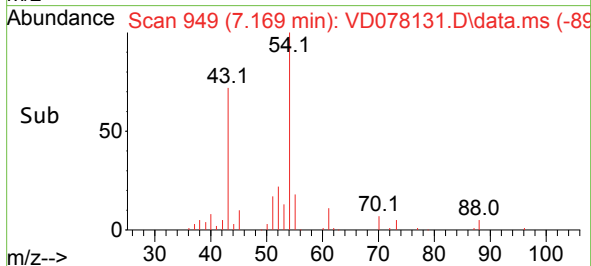
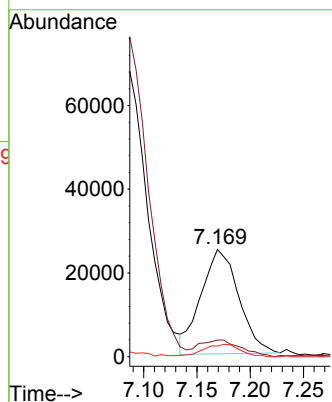
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	61666
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.9	22.3
70	11.4	10.0	15.0



#38

Carbon Tetrachloride

Concen: 100.386 ug/l

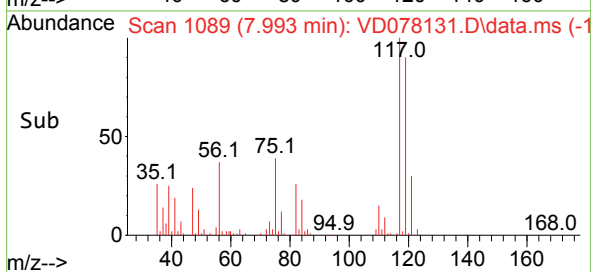
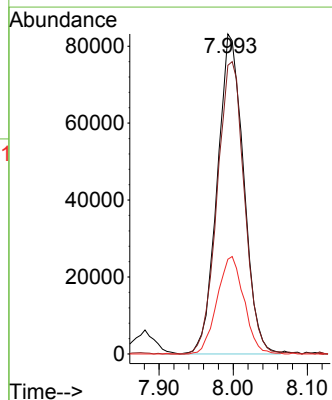
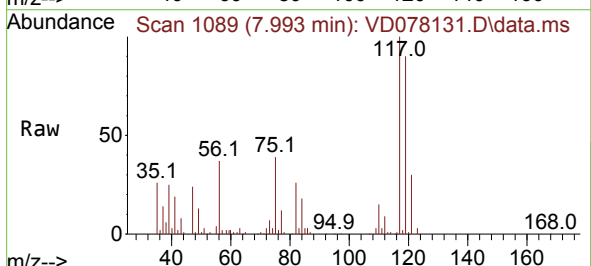
RT: 7.993 min Scan# 1089

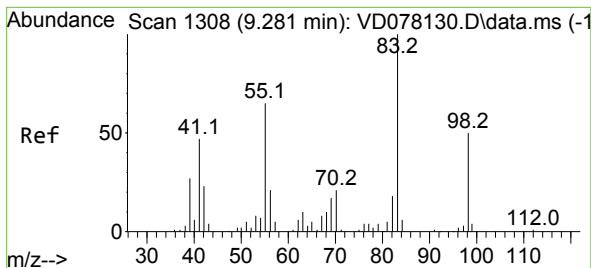
Delta R.T. -0.006 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Tgt Ion:	117	Resp:	205504
Ion Ratio	Lower	Upper	
117	100		
119	90.2	78.0	117.0
121	29.6	24.2	36.2





#39

Methylcyclohexane

Concen: 102.060 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

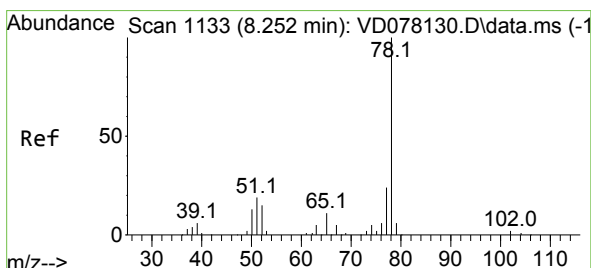
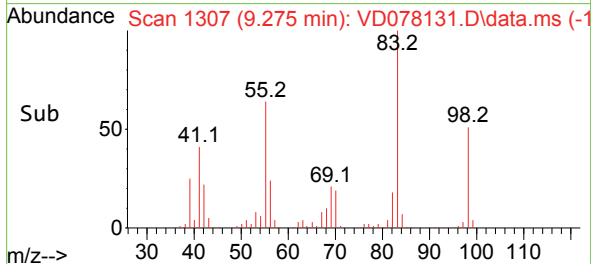
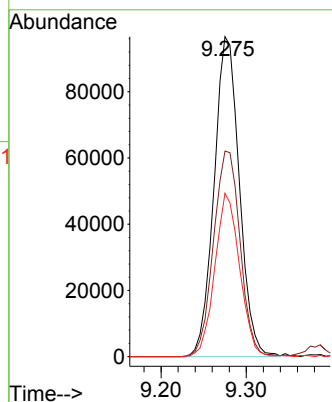
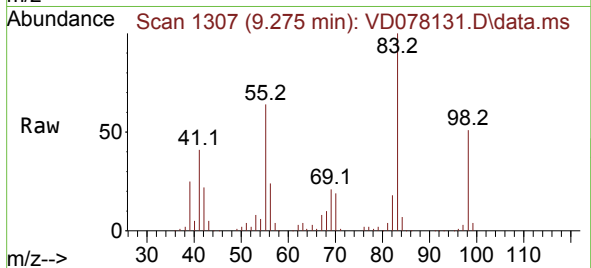
Tgt Ion: 83 Resp: 199642

Ion Ratio Lower Upper

83 100

55 64.2 49.4 74.0

98 51.1 38.4 57.6



#40

Benzene

Concen: 102.672 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078131.D

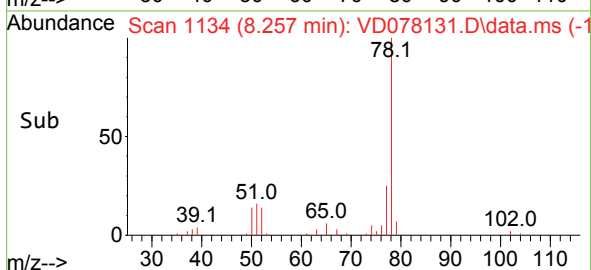
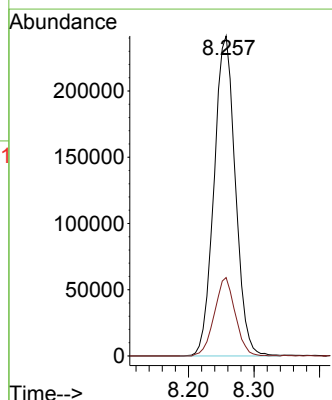
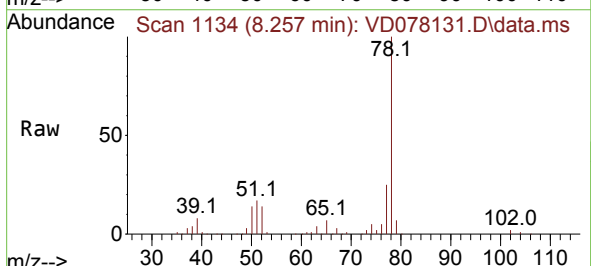
Acq: 08 Jan 2024 14:36

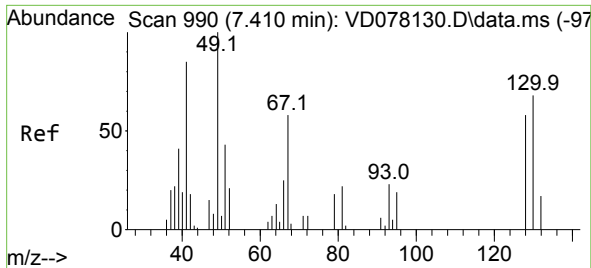
Tgt Ion: 78 Resp: 544735

Ion Ratio Lower Upper

78 100

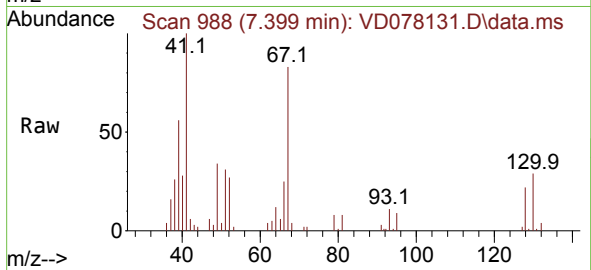
77 24.5 19.4 29.0



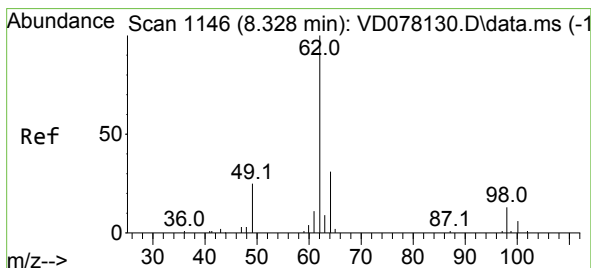
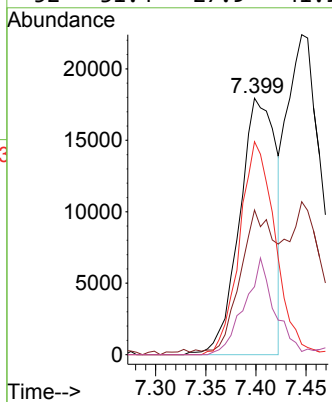
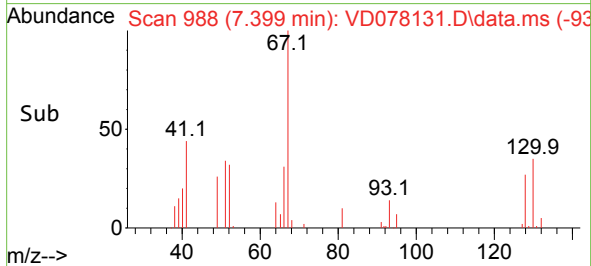


#41
Methacrylonitrile
Concen: 113.276 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Instrument :
MSVOA_D
ClientSampleId :

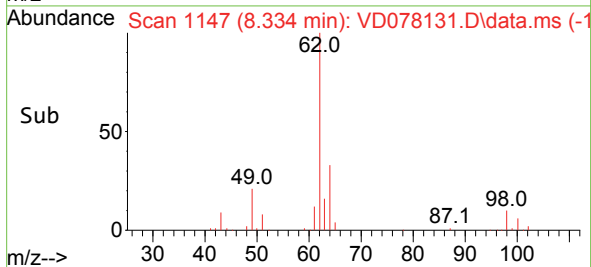
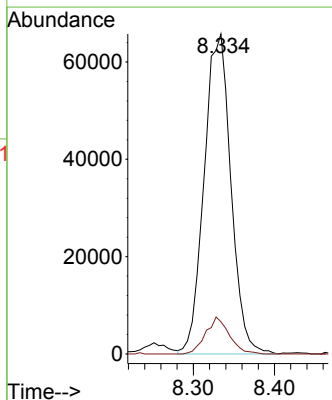
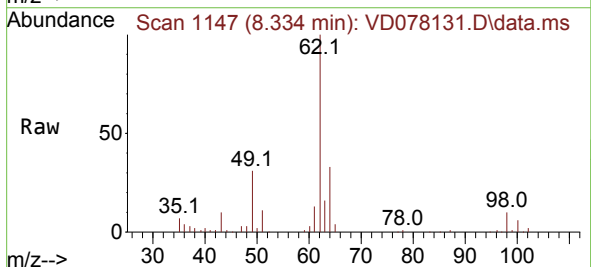


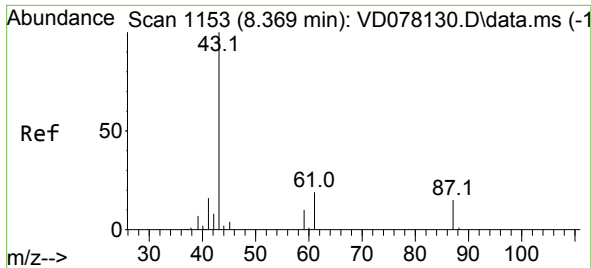
Tgt Ion: 41 Resp: 45263
Ion Ratio Lower Upper
41 100
39 54.0 34.0 51.0#
67 81.8 77.0 115.4
52 31.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 100.946 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 62 Resp: 150723
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4

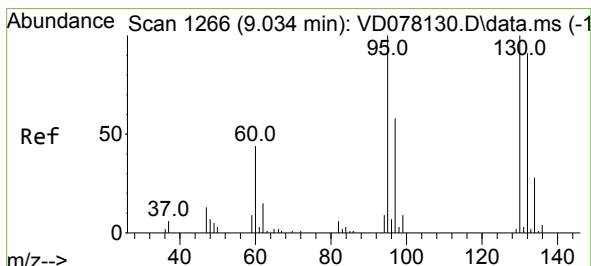
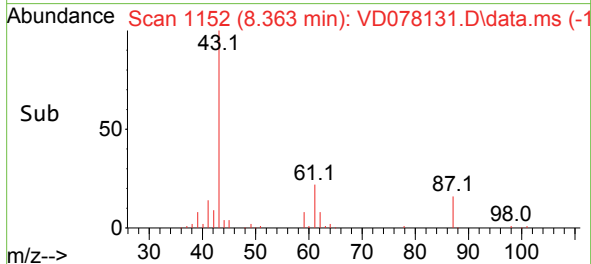
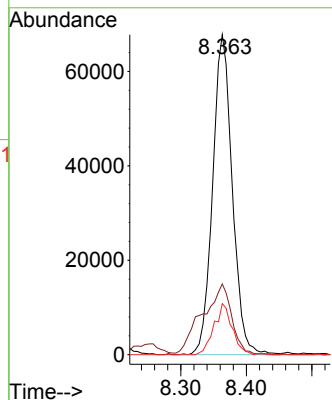
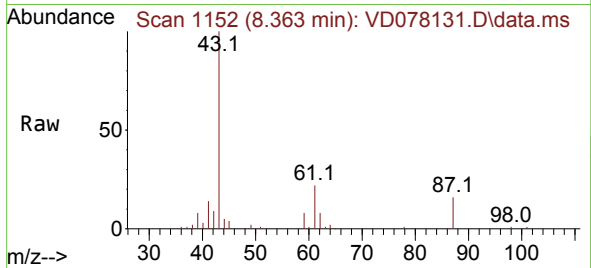




#43
Isopropyl Acetate
Concen: 104.463 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

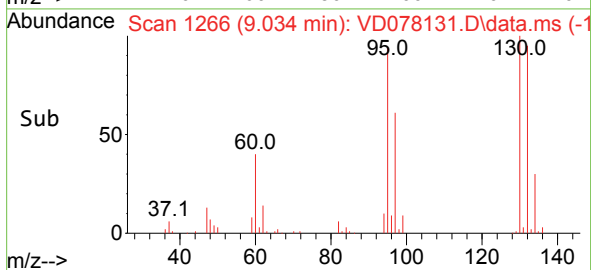
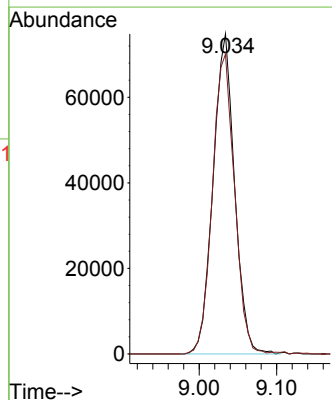
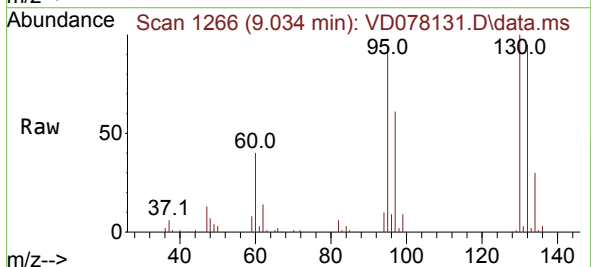
Instrument :
MSVOA_D
ClientSampleId :

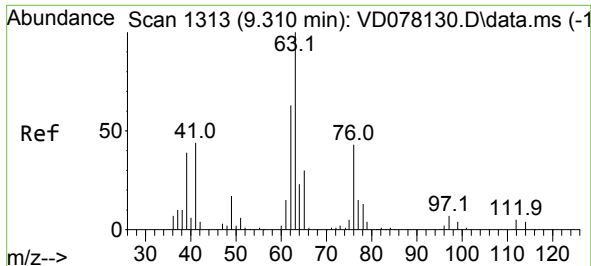
Tgt Ion: 43 Resp: 140879
Ion Ratio Lower Upper
43 100
61 33.1 31.4 47.0
87 14.8 14.9 22.3#



#44
Trichloroethene
Concen: 100.638 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion:130 Resp: 144375
Ion Ratio Lower Upper
130 100
95 93.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 101.124 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

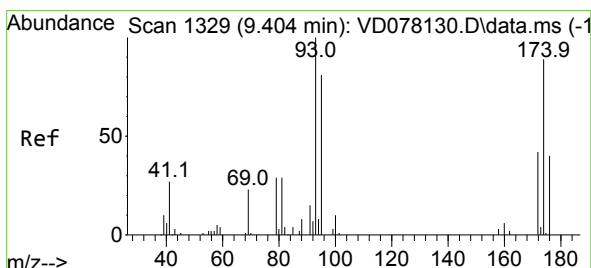
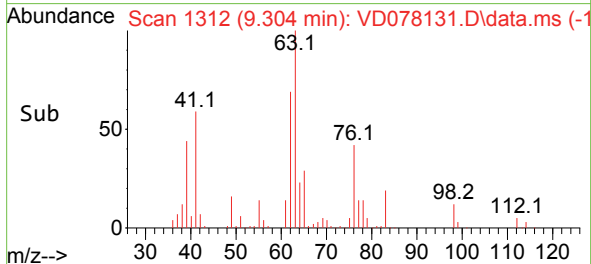
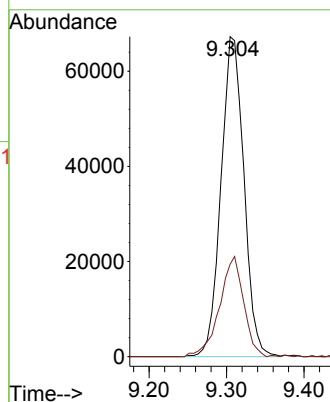
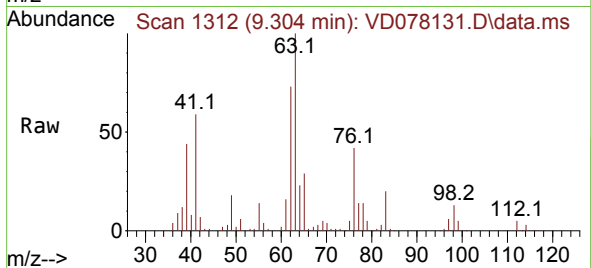
ClientSampleId :

Tgt Ion: 63 Resp: 138372

Ion Ratio Lower Upper

63 100

65 28.9 24.5 36.7



#46

Dibromomethane

Concen: 102.377 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. -0.006 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

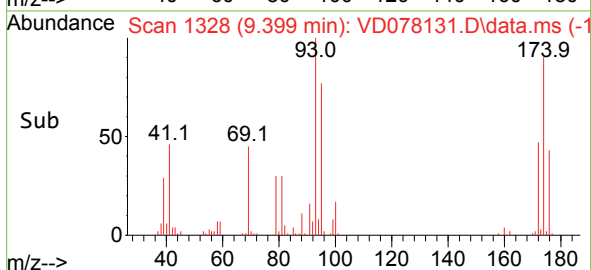
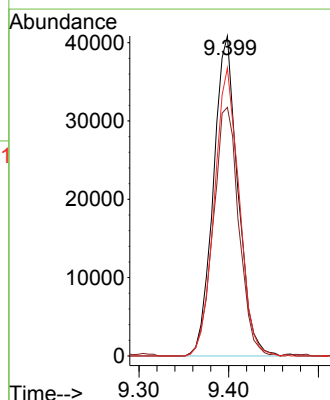
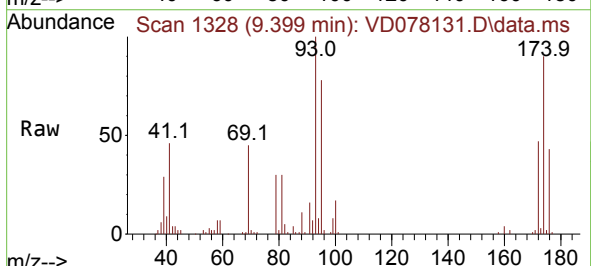
Tgt Ion: 93 Resp: 77502

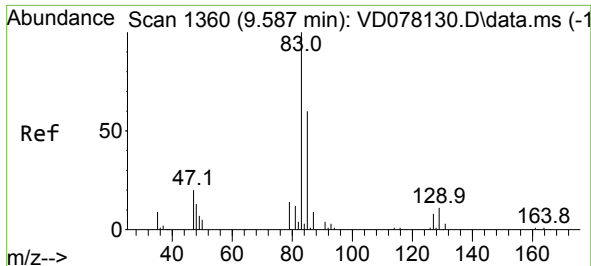
Ion Ratio Lower Upper

93 100

95 81.0 67.7 101.5

174 91.0 85.4 128.2

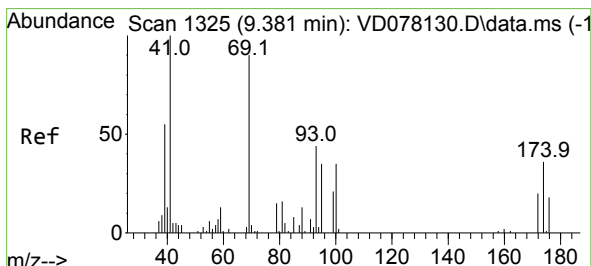
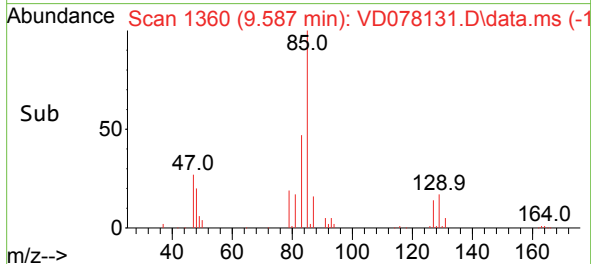
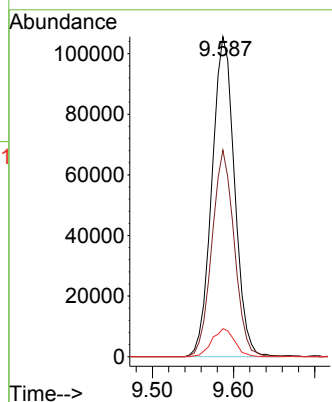
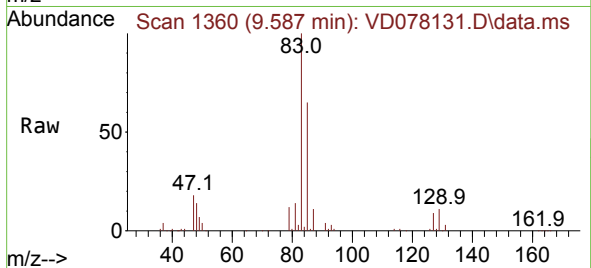




#47
Bromodichloromethane
Concen: 101.634 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

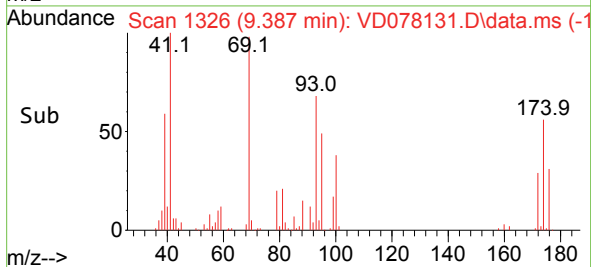
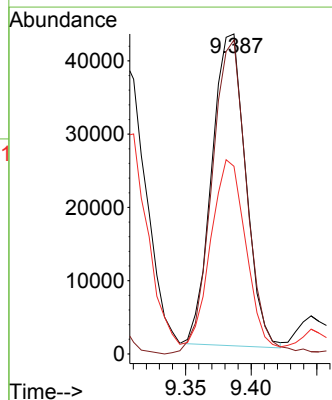
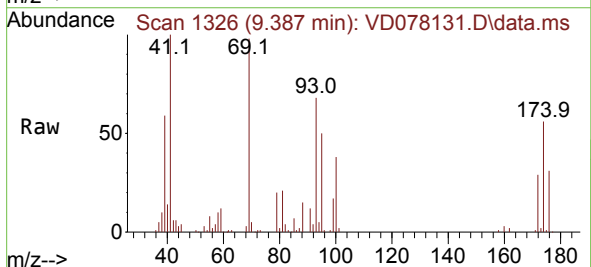
Instrument :
MSVOA_D
ClientSampleId :

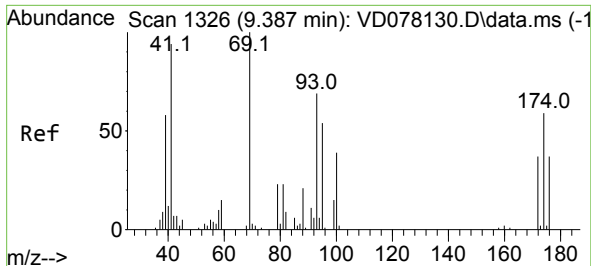
Tgt Ion: 83 Resp: 204551
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 102.798 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 41 Resp: 76614
Ion Ratio Lower Upper
41 100
69 104.7 102.2 153.2
39 66.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 2125.538 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

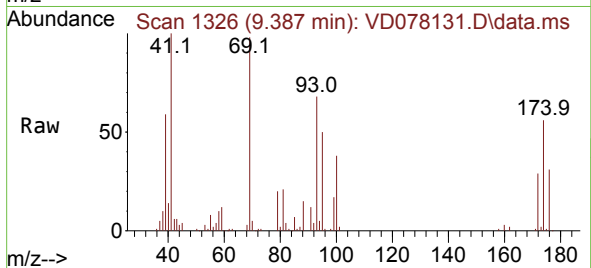
Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :



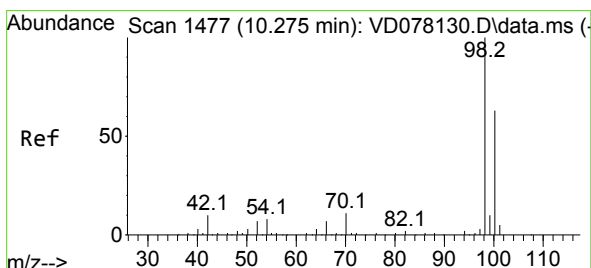
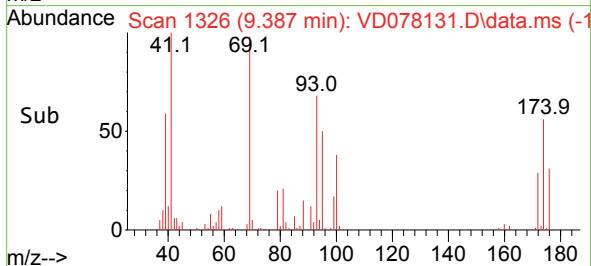
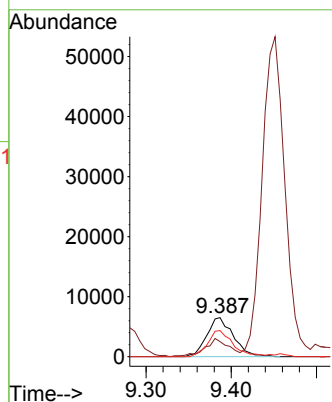
Tgt Ion: 88 Resp: 14066

Ion Ratio Lower Upper

88 100

43 41.8 19.0 28.6#

58 63.6 43.5 65.3



#50

Toluene-d8

Concen: 100.779 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078131.D

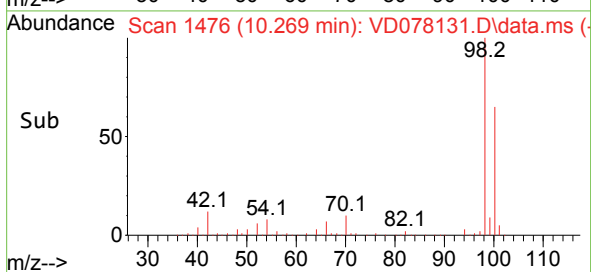
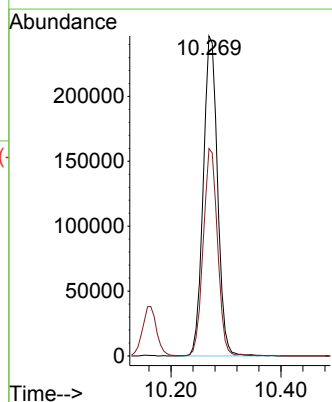
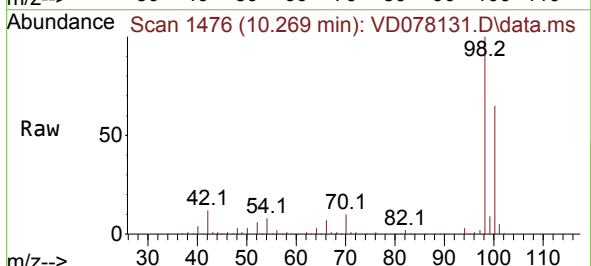
Acq: 08 Jan 2024 14:36

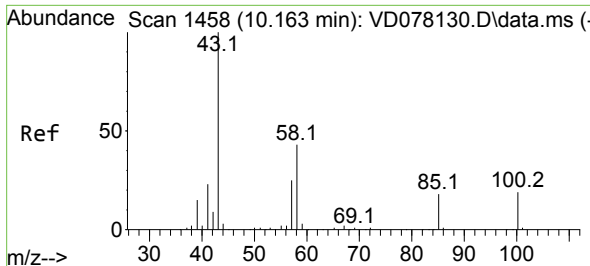
Tgt Ion: 98 Resp: 444932

Ion Ratio Lower Upper

98 100

100 65.1 50.3 75.5

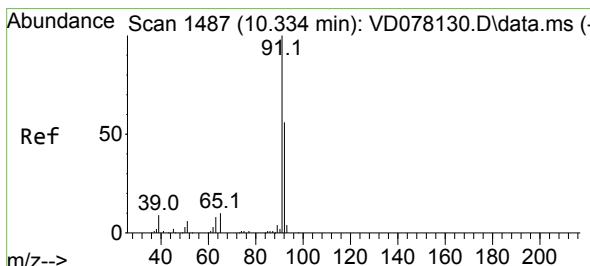
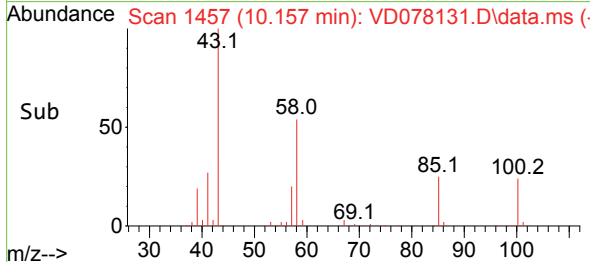
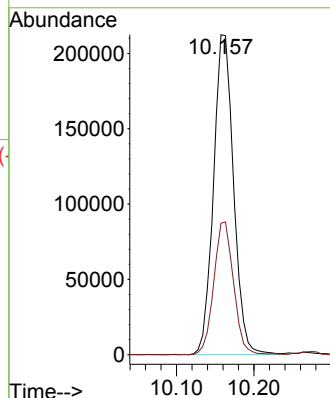
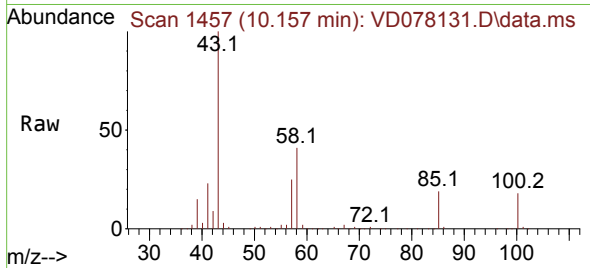




#51
4-Methyl-2-Pentanone
Concen: 549.287 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

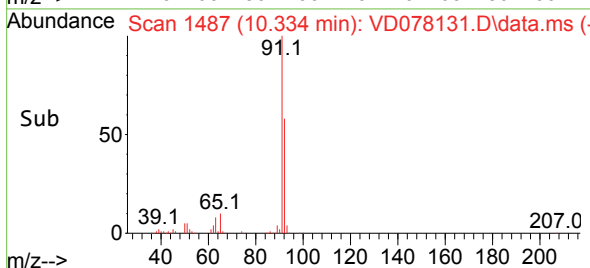
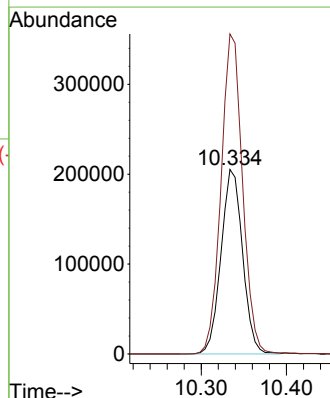
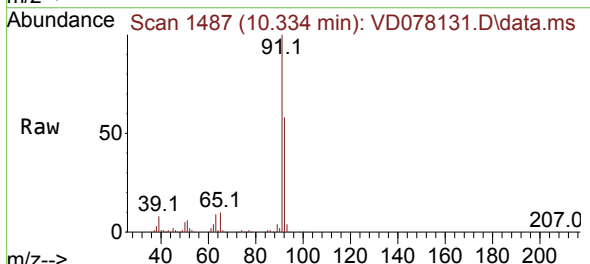
Instrument :
MSVOA_D
ClientSampleId :

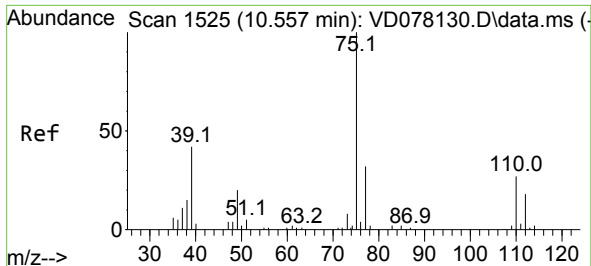
Tgt Ion: 43 Resp: 383798
Ion Ratio Lower Upper
43 100
58 40.9 38.9 58.3



#52
Toluene
Concen: 107.715 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 92 Resp: 360930
Ion Ratio Lower Upper
92 100
91 173.4 143.0 214.4

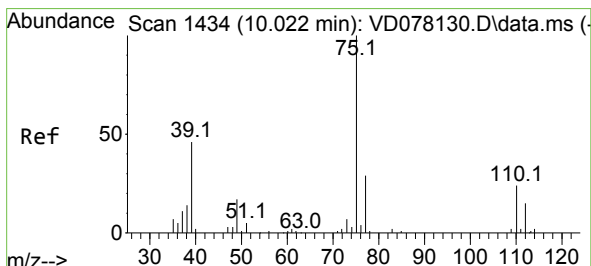
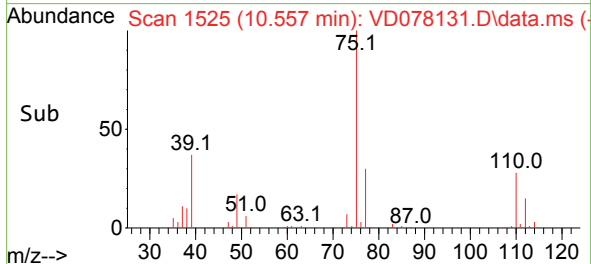
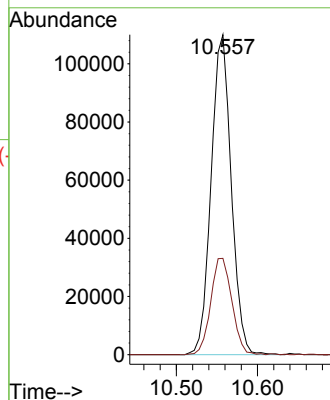
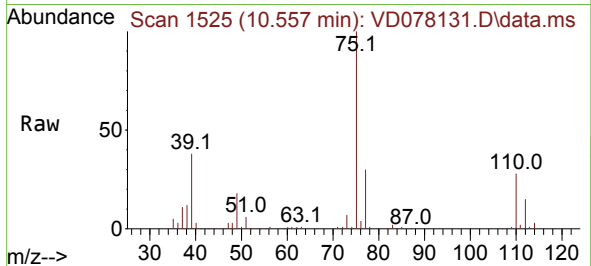




#53
 t-1,3-Dichloropropene
 Concen: 105.981 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

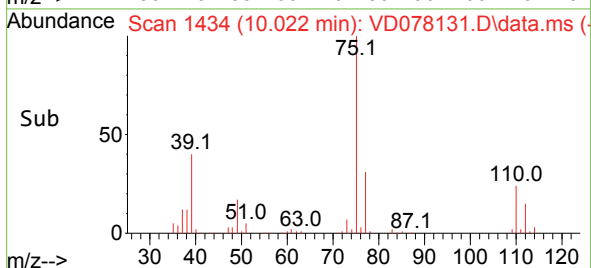
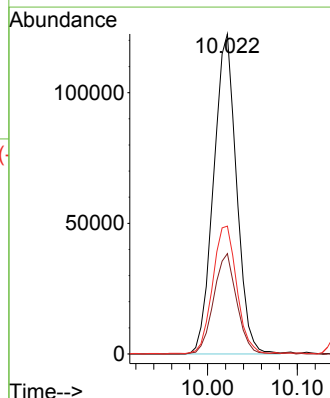
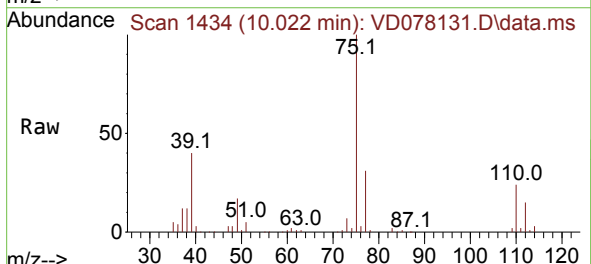
Instrument :
 MSVOA_D
 ClientSampleId :

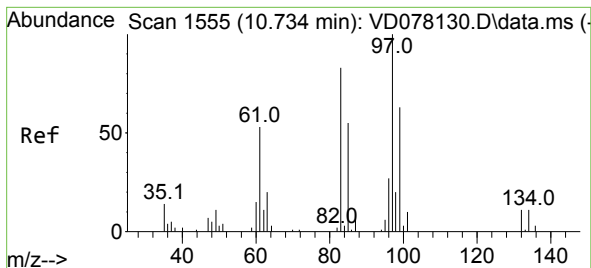
Tgt Ion: 75 Resp: 189311
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 106.510 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

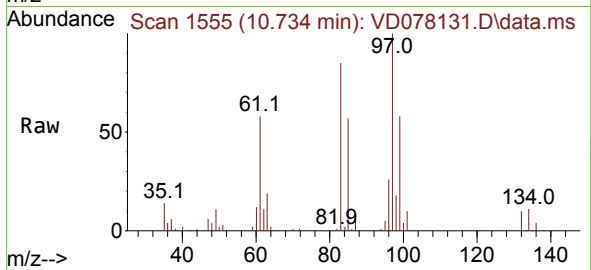
Tgt Ion: 75 Resp: 217075
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 39.8 22.1 33.1#



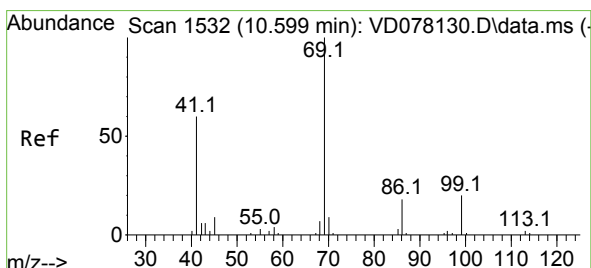
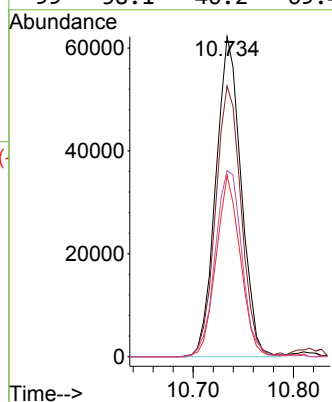
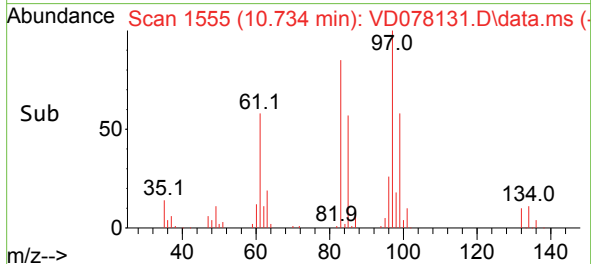


#55
 1,1,2-Trichloroethane
 Concen: 102.656 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

Instrument :
 MSVOA_D
 ClientSampleId :

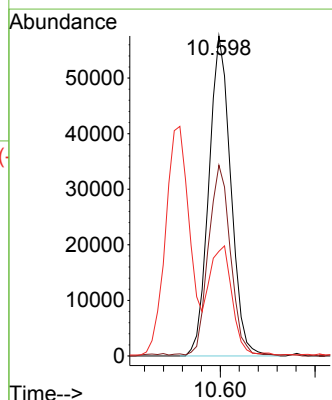
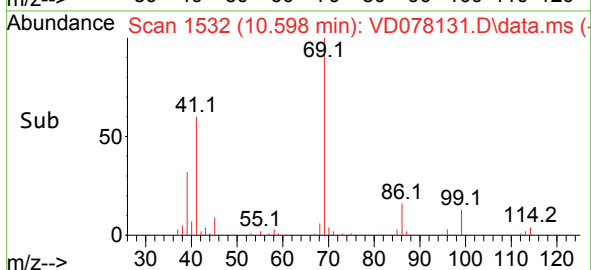
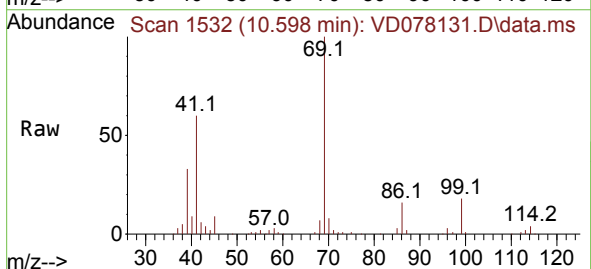


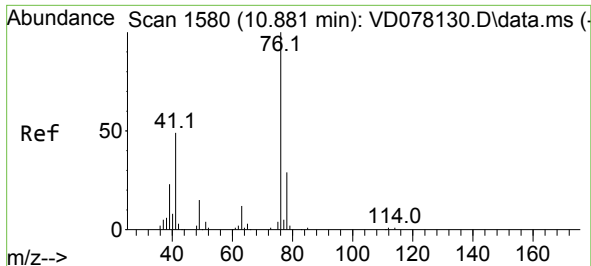
Tgt Ion: 97	Resp: 108999
Ion Ratio	Lower Upper
97 100	
83 84.6	65.8 98.6
85 56.6	45.7 68.5
99 58.1	46.2 69.4



#56
 Ethyl methacrylate
 Concen: 111.913 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

Tgt Ion: 69	Resp: 92605
Ion Ratio	Lower Upper
69 100	
41 59.0	39.1 58.7#
39 35.3	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 105.445 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

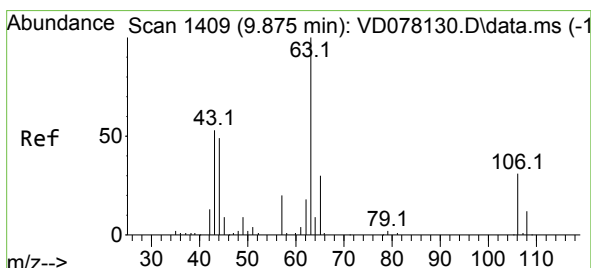
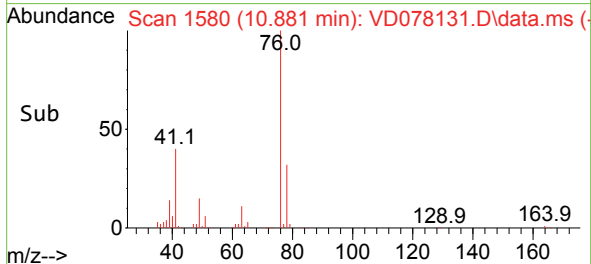
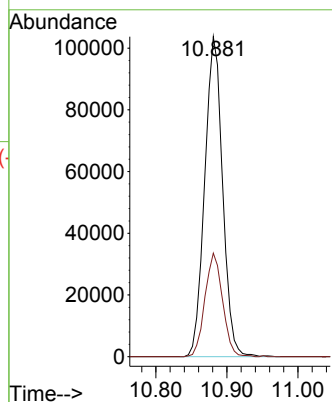
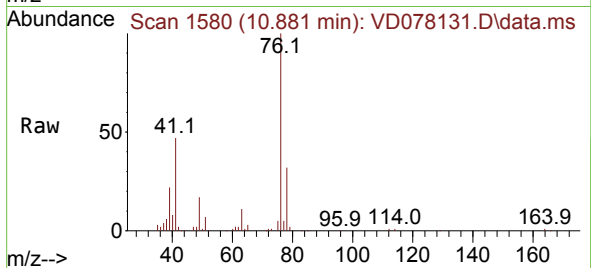
ClientSampleId :

Tgt Ion: 76 Resp: 181720

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 596.570 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD078131.D

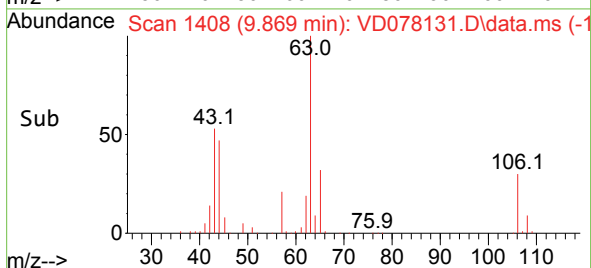
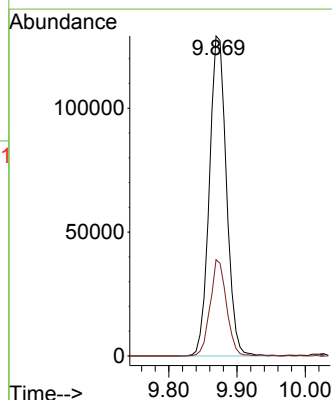
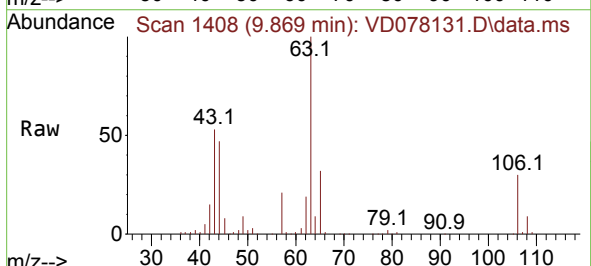
Acq: 08 Jan 2024 14:36

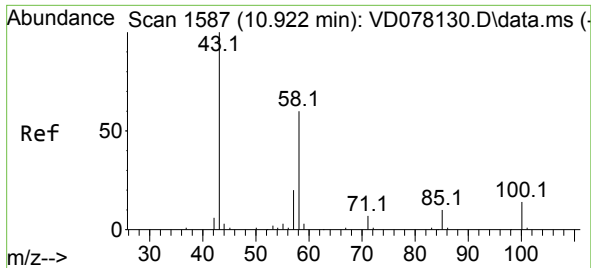
Tgt Ion: 63 Resp: 225404

Ion Ratio Lower Upper

63 100

106 28.7 25.3 37.9

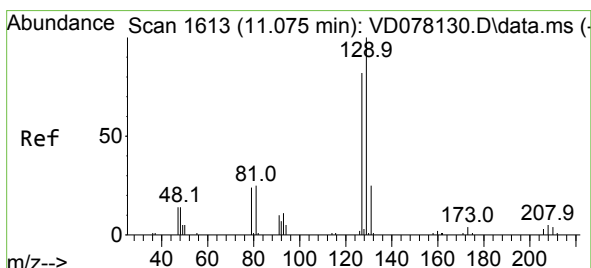
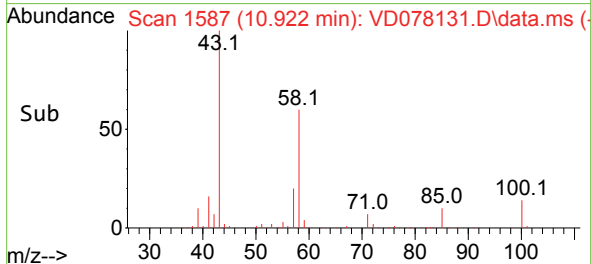
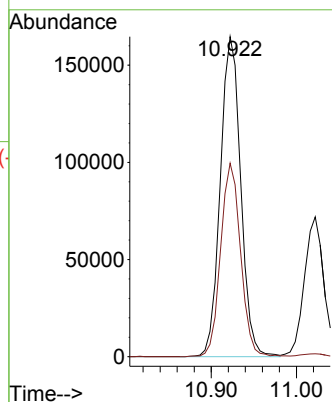
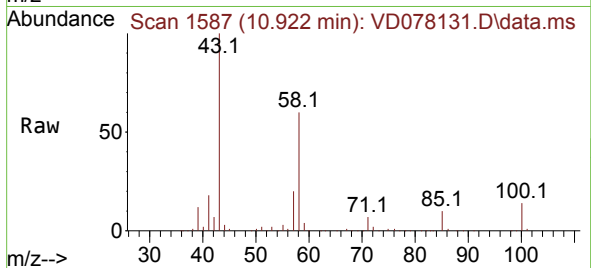




#59
2-Hexanone
Concen: 522.292 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

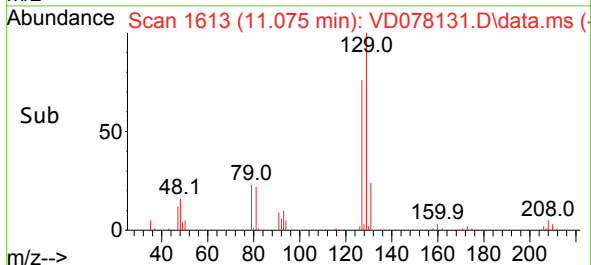
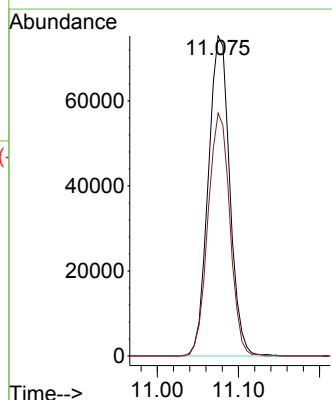
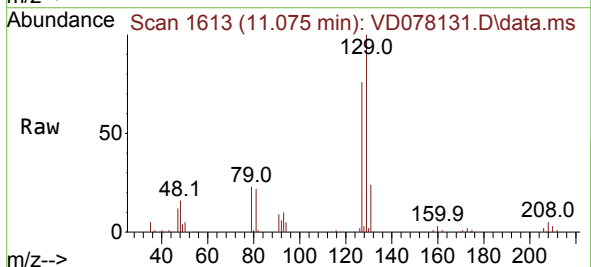
Instrument :
MSVOA_D
ClientSampleId :

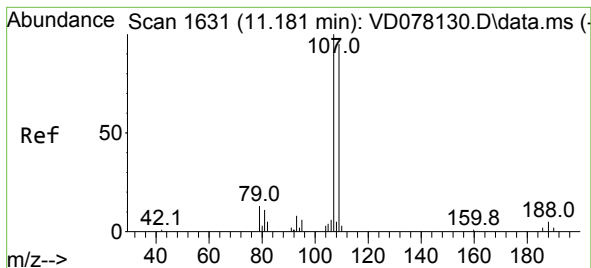
Tgt Ion: 43 Resp: 274380
Ion Ratio Lower Upper
43 100
58 59.2 34.1 102.2



#60
Dibromochloromethane
Concen: 102.808 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 129 Resp: 137928
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5





#61

1,2-Dibromoethane

Concen: 102.978 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

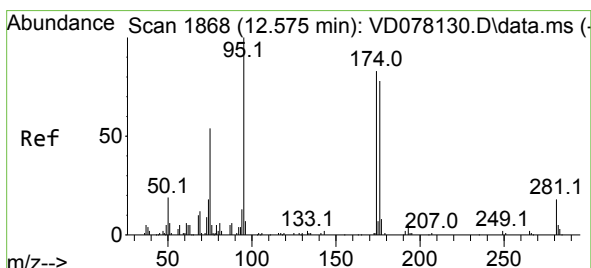
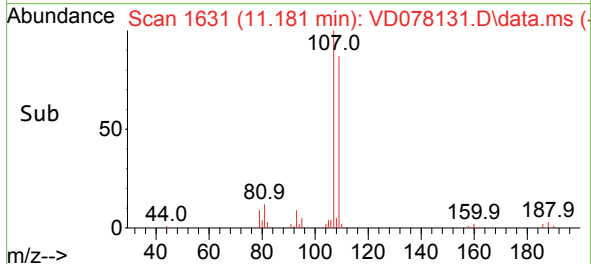
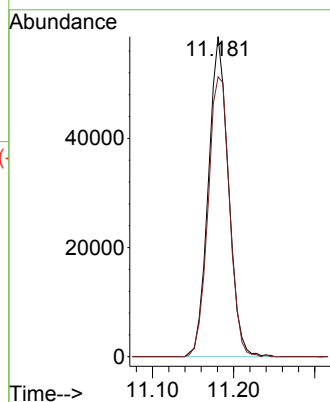
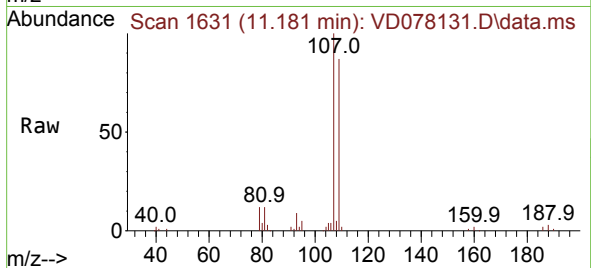
ClientSampleId :

Tgt Ion:107 Resp: 100666

Ion Ratio Lower Upper

107 100

109 93.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 94.165 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

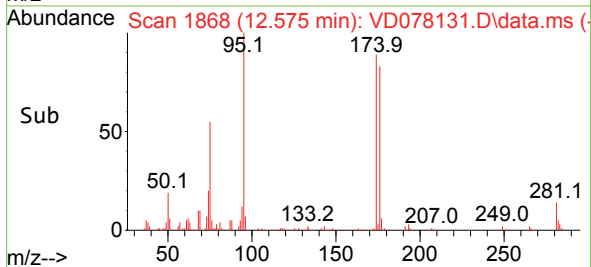
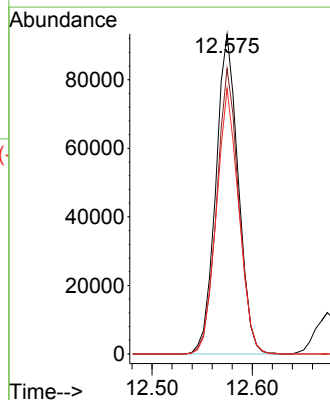
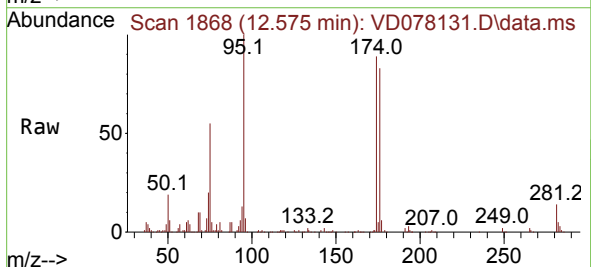
Tgt Ion: 95 Resp: 144720

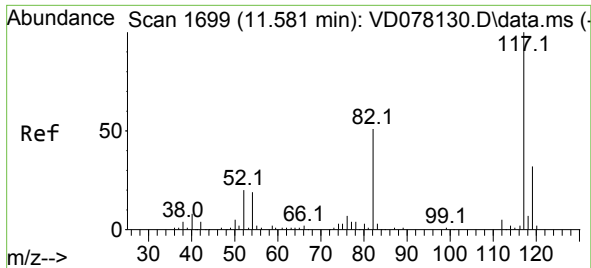
Ion Ratio Lower Upper

95 100

174 88.0 0.0 201.8

176 82.9 0.0 191.8

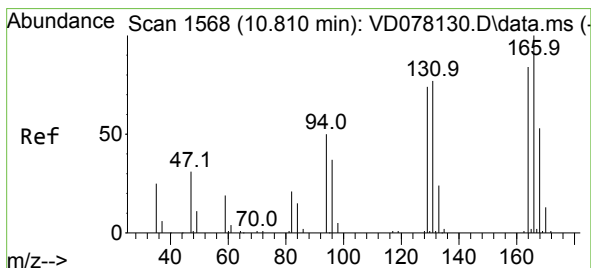
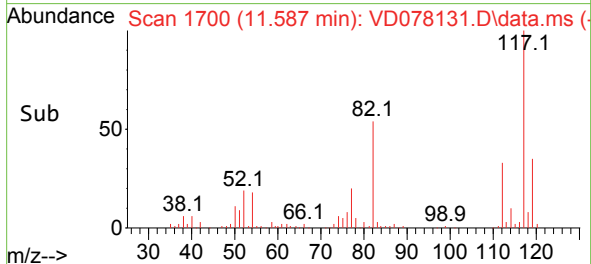
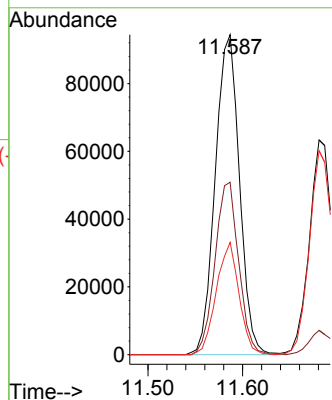
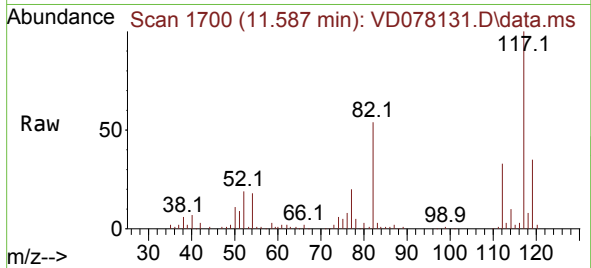




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

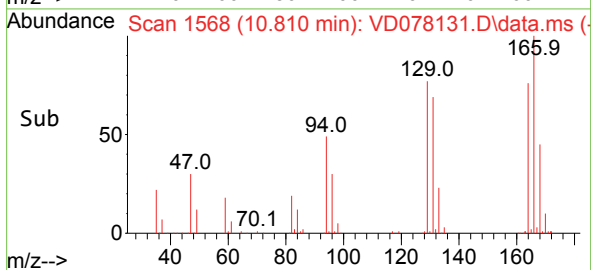
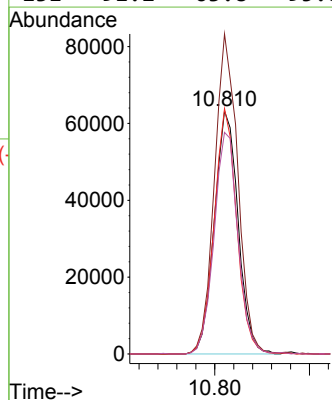
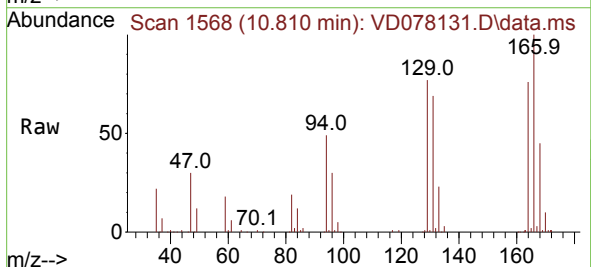
Instrument :
MSVOA_D
ClientSampleId :

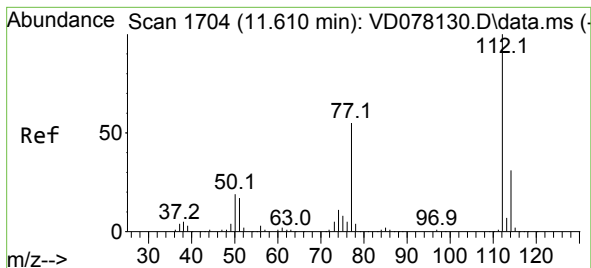
Tgt Ion:117 Resp: 167811
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 35.1 25.0 37.4



#64
Tetrachloroethene
Concen: 97.116 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion:164 Resp: 110344
Ion Ratio Lower Upper
164 100
166 131.7 99.2 148.8
129 101.0 68.4 102.6
131 91.2 63.8 95.8





#65

Chlorobenzene

Concen: 100.061 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

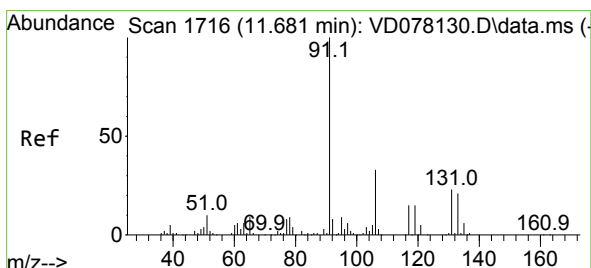
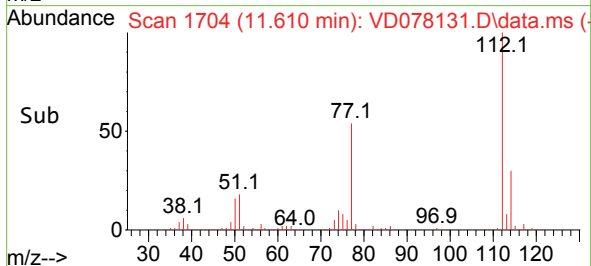
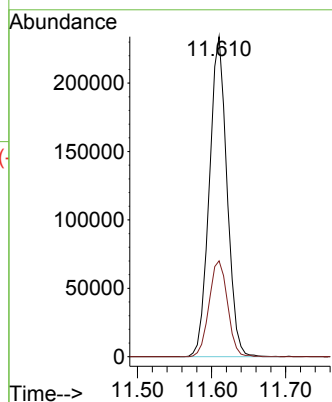
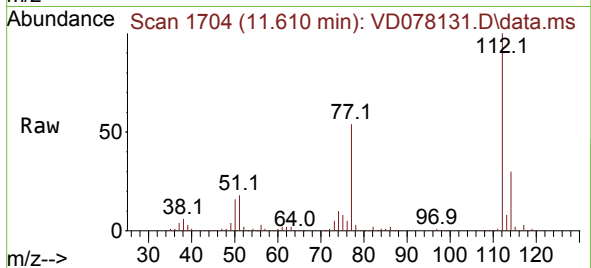
ClientSampleId :

Tgt Ion:112 Resp: 386342

Ion Ratio Lower Upper

112 100

114 29.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 101.458 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

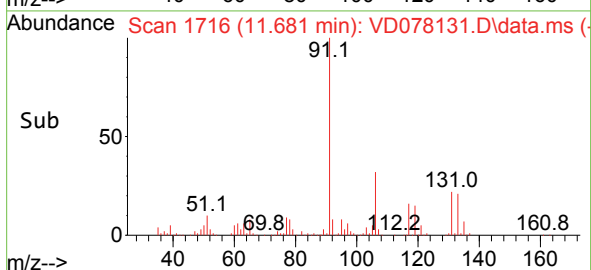
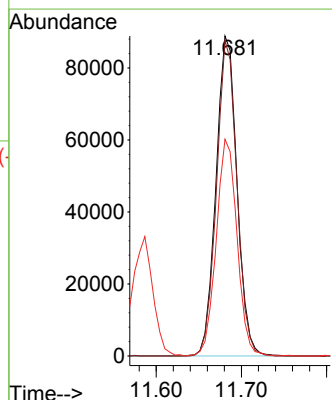
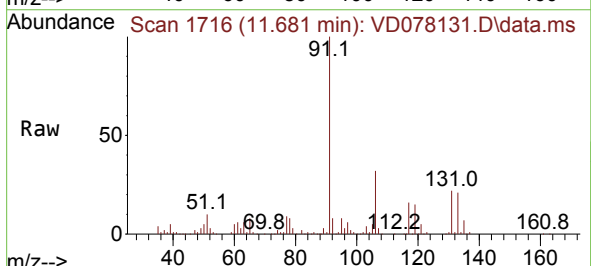
Tgt Ion:131 Resp: 152167

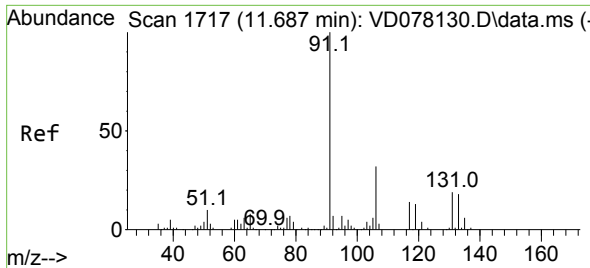
Ion Ratio Lower Upper

131 100

133 95.8 48.5 145.5

119 67.1 35.6 106.9

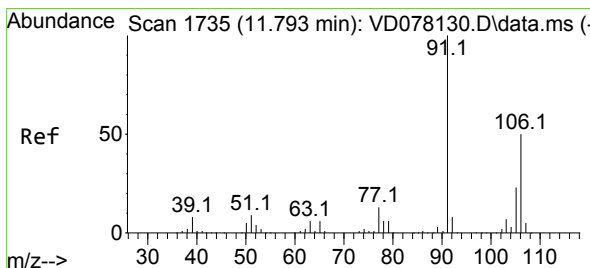
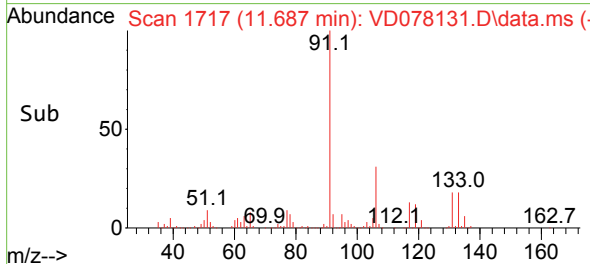
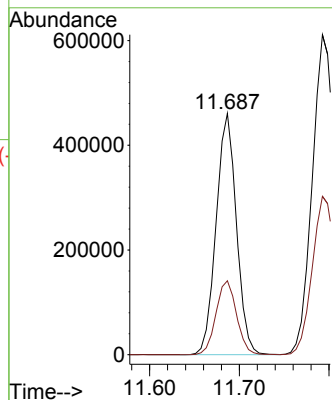
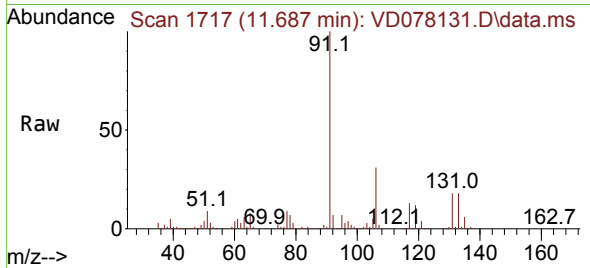




#67
Ethyl Benzene
Concen: 106.571 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

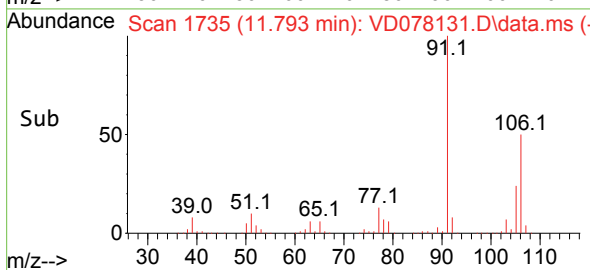
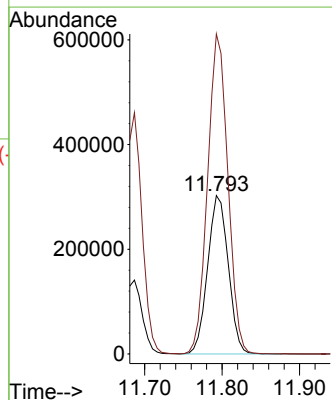
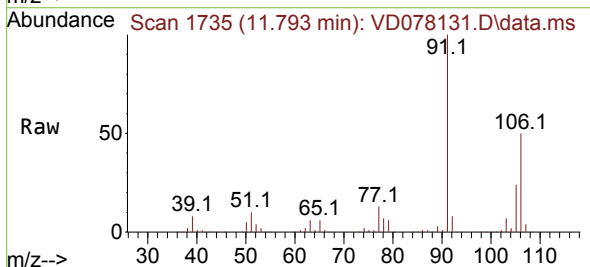
Instrument :
MSVOA_D
ClientSampleId :

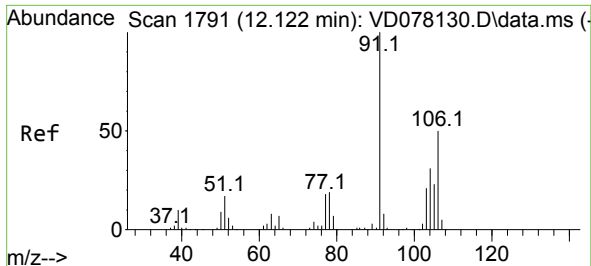
Tgt Ion: 91 Resp: 722605
Ion Ratio Lower Upper
91 100
106 30.6 26.5 39.7



#68
m/p-Xylenes
Concen: 214.117 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion:106 Resp: 559619
Ion Ratio Lower Upper
106 100
91 198.7 147.0 220.6

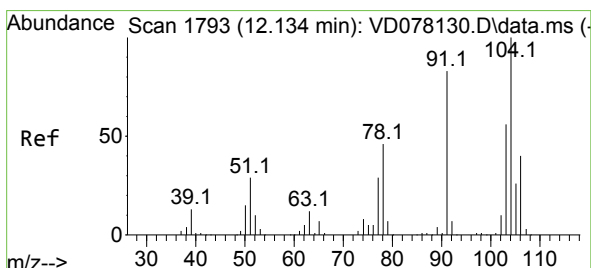
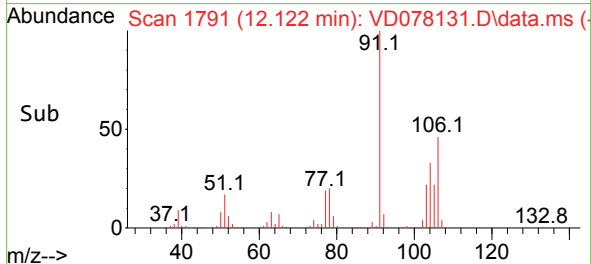
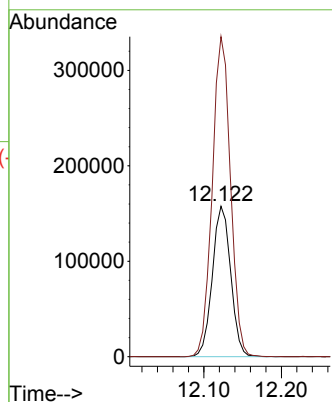
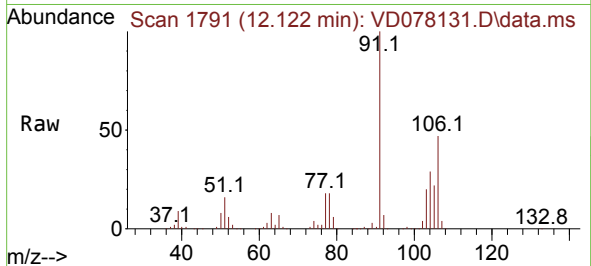




#69
o-Xylene
Concen: 106.948 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

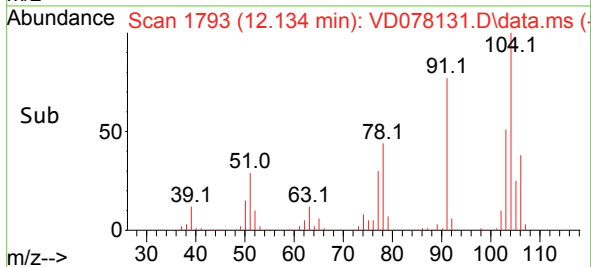
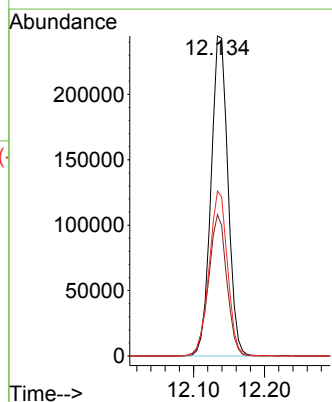
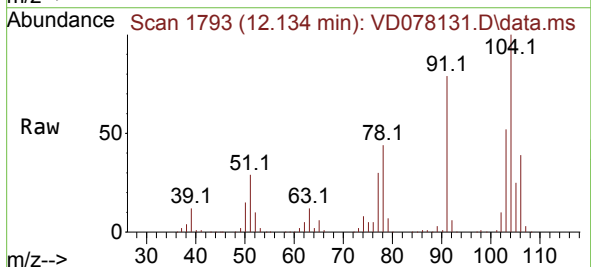
Instrument :
MSVOA_D
ClientSampleId :

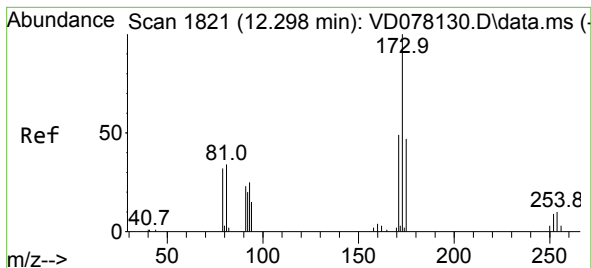
Tgt Ion:106 Resp: 258843
Ion Ratio Lower Upper
106 100
91 212.0 97.9 293.6



#70
Styrene
Concen: 110.276 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion:104 Resp: 405733
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 55.7 43.6 65.4





#71

Bromoform

Concen: 104.437 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078131.D

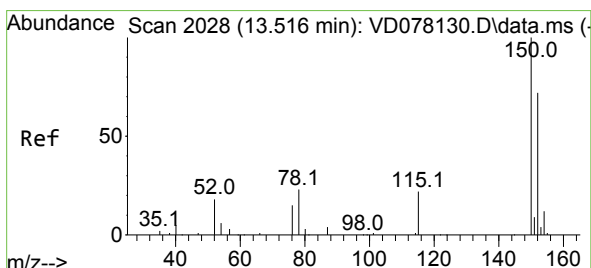
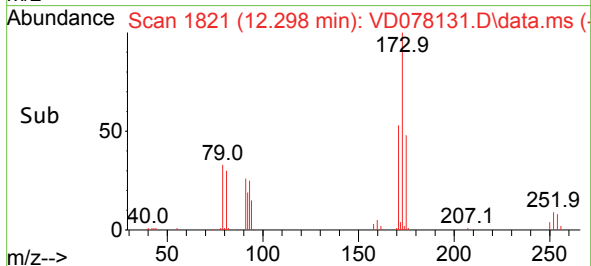
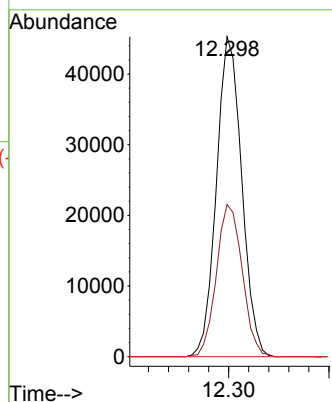
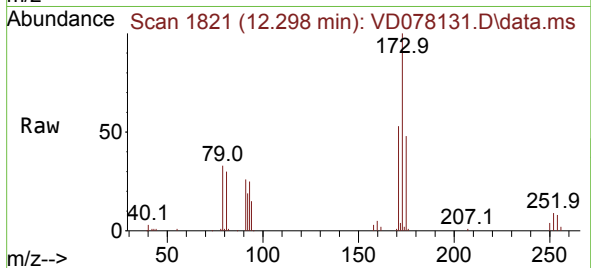
Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	79169
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

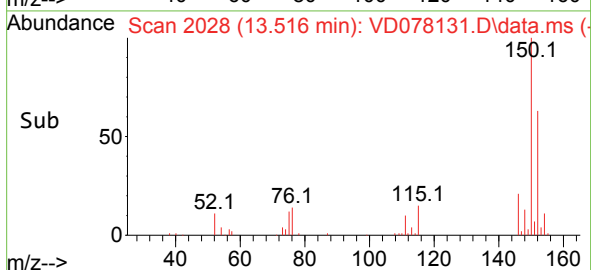
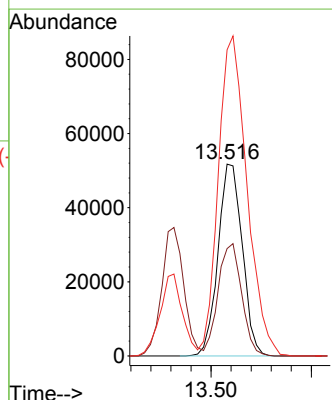
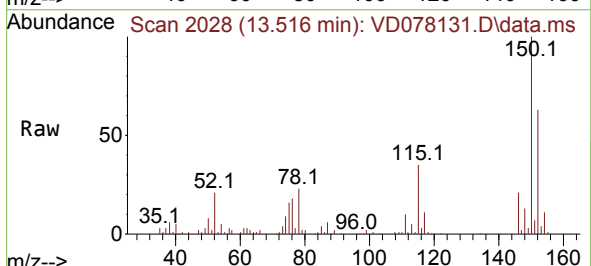
RT: 13.516 min Scan# 2028

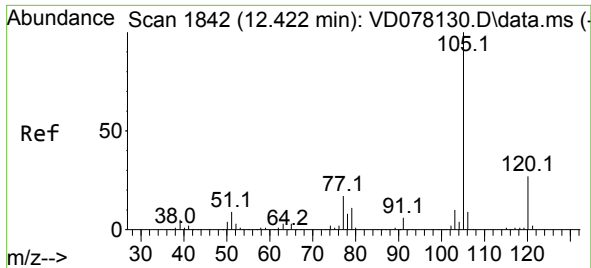
Delta R.T. 0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Tgt Ion:152	Resp:	86929
Ion Ratio	Lower	Upper
152	100	
115	56.9	27.1 81.3
150	197.3	0.0 353.6

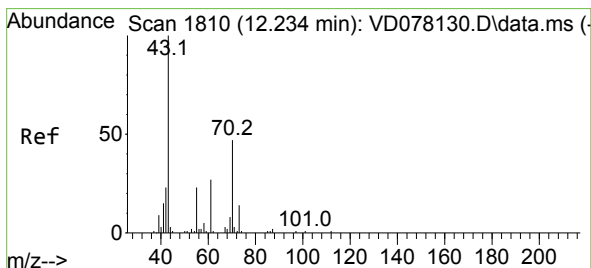
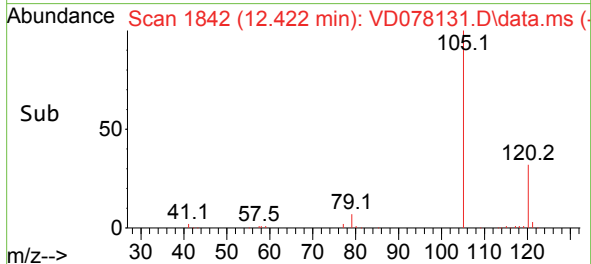
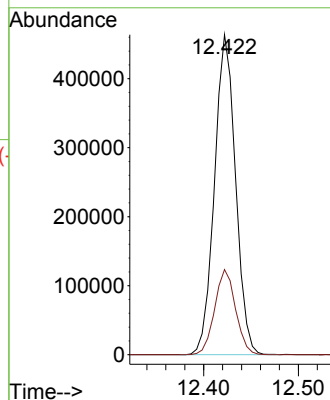
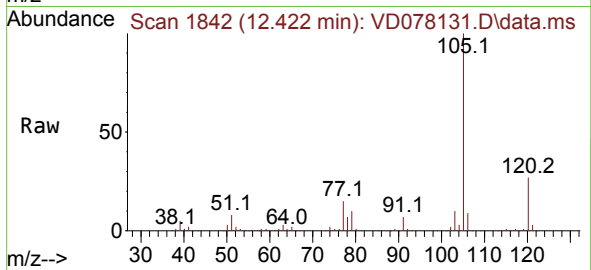




#73
Isopropylbenzene
Concen: 103.566 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

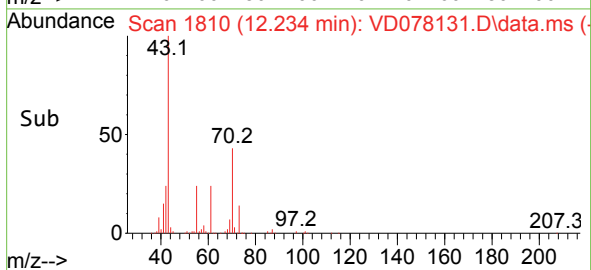
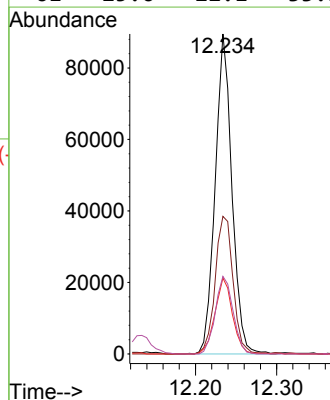
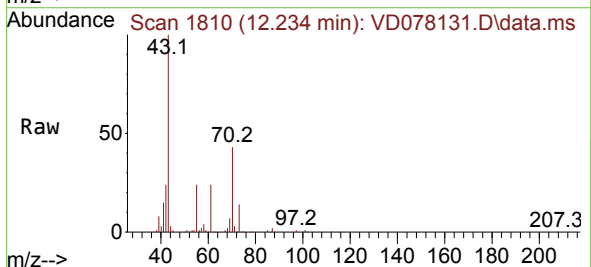
Instrument :
MSVOA_D
ClientSampleId :

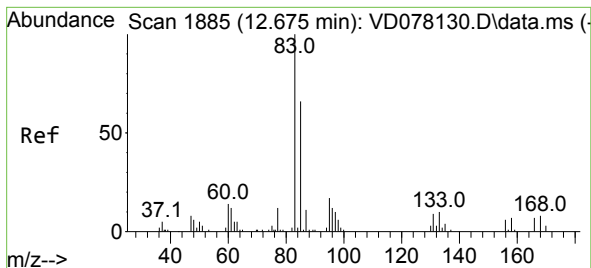
Tgt Ion:105 Resp: 715846
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 101.583 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 43 Resp: 128415
Ion Ratio Lower Upper
43 100
70 45.9 45.0 67.4
55 24.9 23.8 35.6
61 25.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 97.860 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

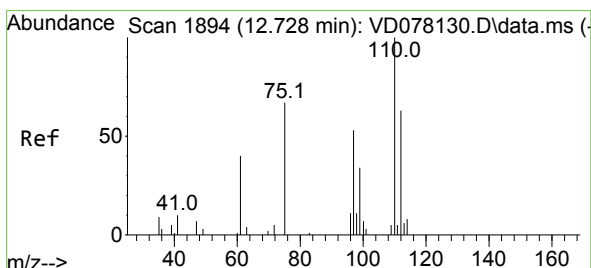
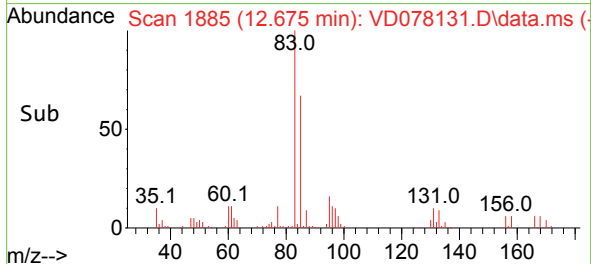
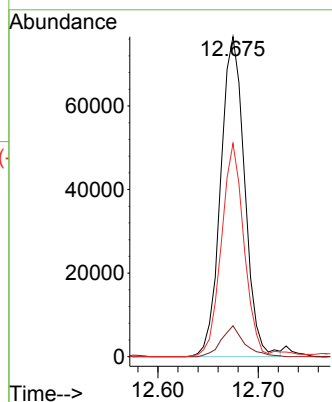
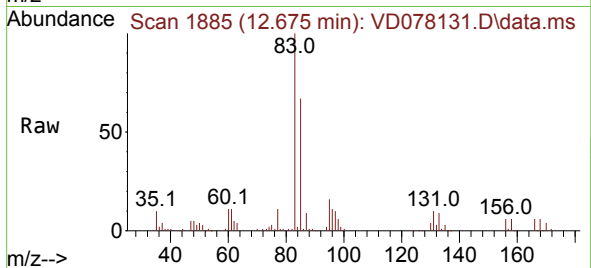
Tgt Ion: 83 Resp: 127280

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 62.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 167.103 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078131.D

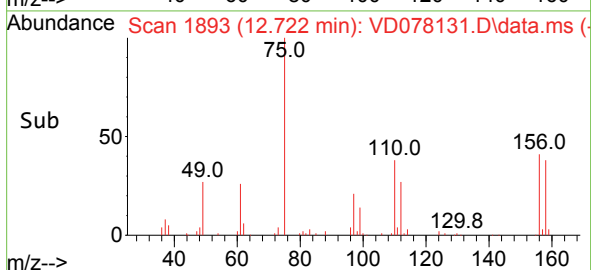
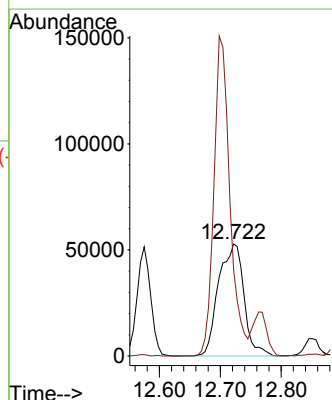
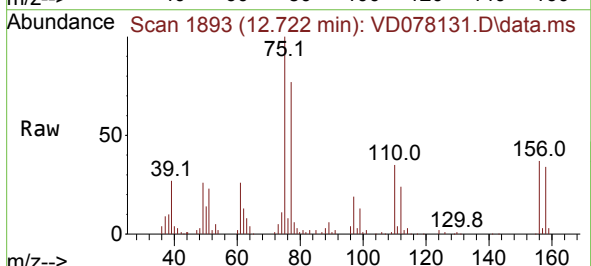
Acq: 08 Jan 2024 14:36

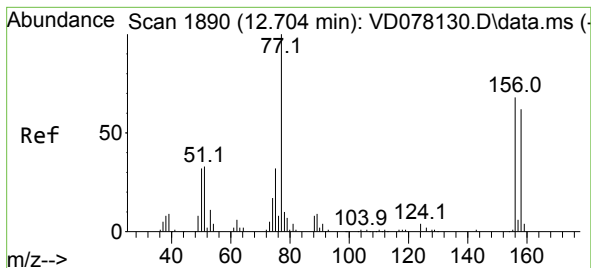
Tgt Ion: 75 Resp: 153066

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.970 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

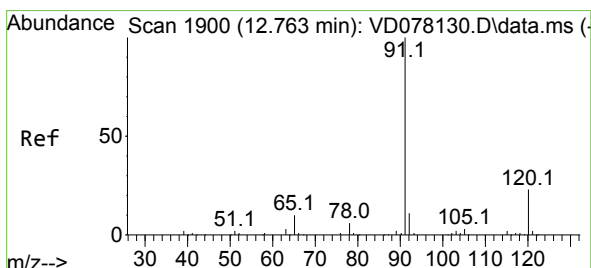
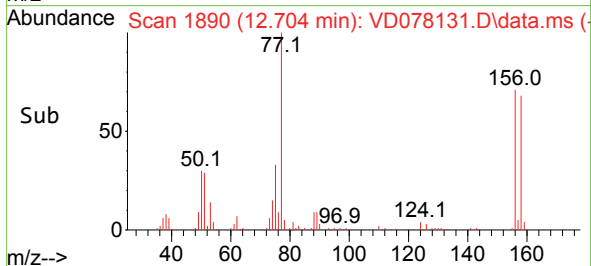
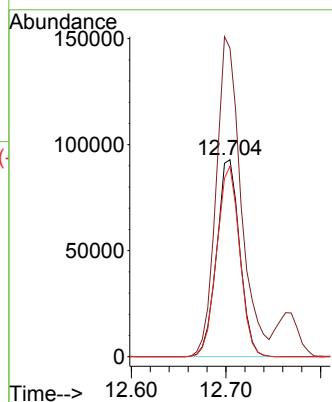
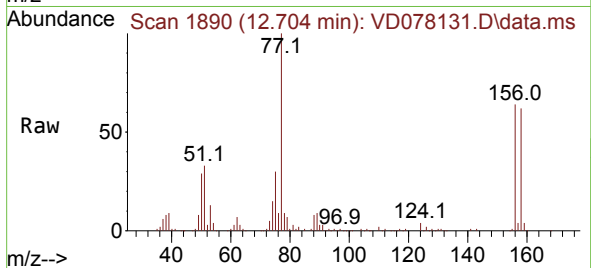
Tgt Ion:156 Resp: 157144

Ion Ratio Lower Upper

156 100

77 175.6 76.8 230.4

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 102.705 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078131.D

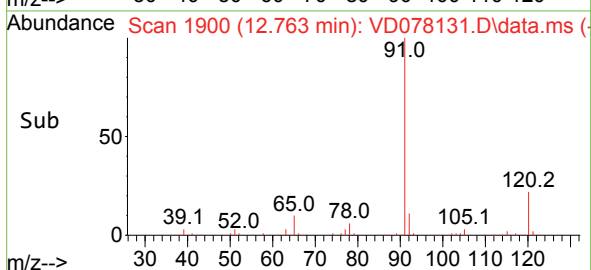
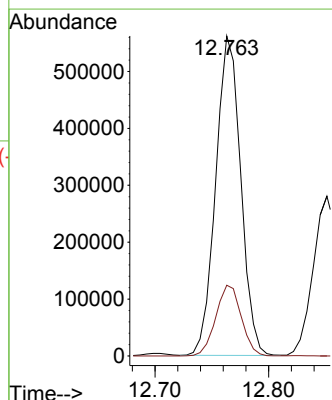
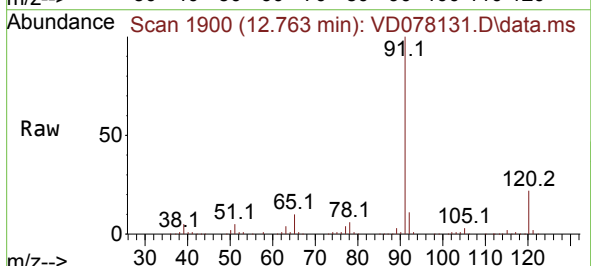
Acq: 08 Jan 2024 14:36

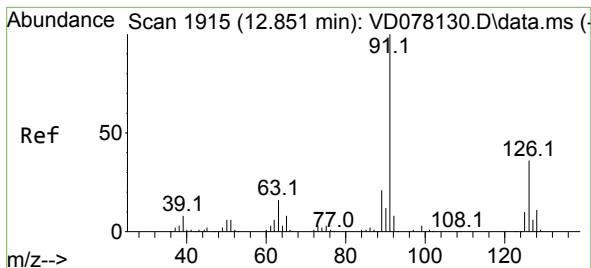
Tgt Ion: 91 Resp: 860473

Ion Ratio Lower Upper

91 100

120 22.6 12.4 37.2

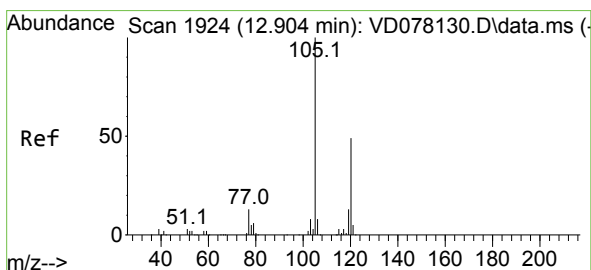
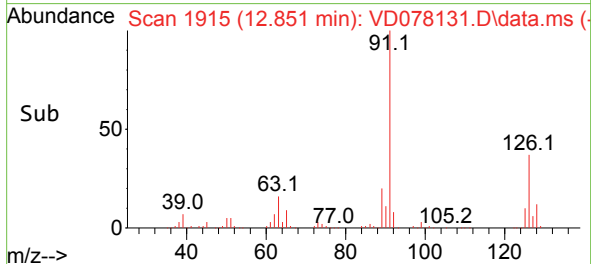
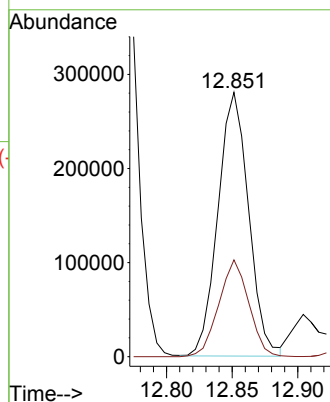
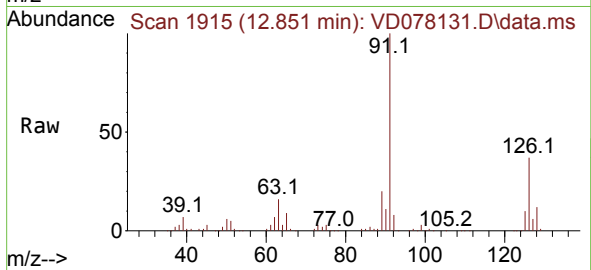




#79
2-Chlorotoluene
Concen: 102.360 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

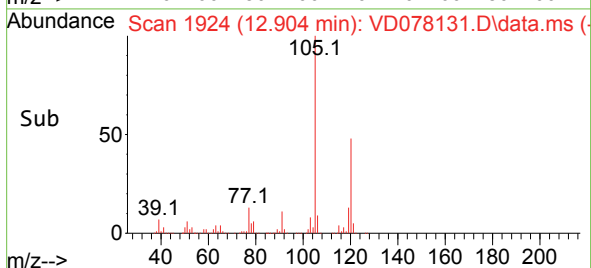
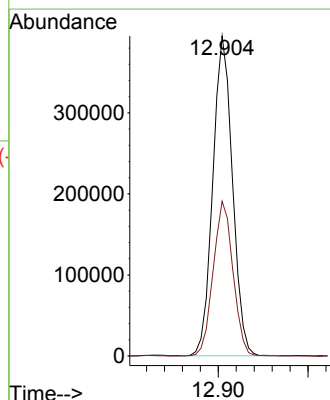
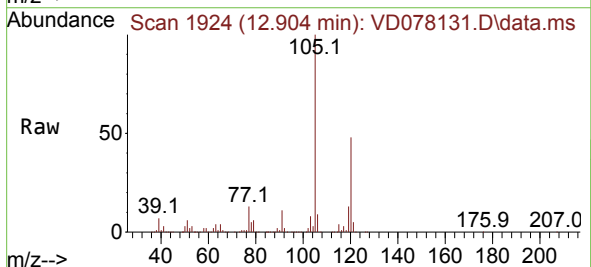
Instrument :
MSVOA_D
ClientSampleId :

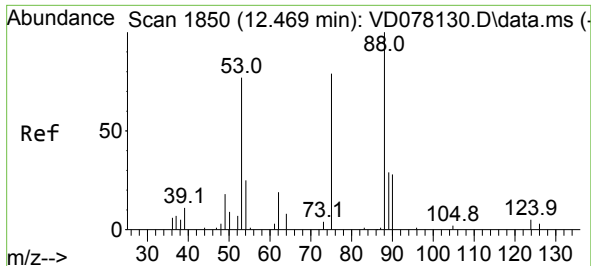
Tgt Ion: 91 Resp: 456284
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 104.693 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 105 Resp: 600562
Ion Ratio Lower Upper
105 100
120 48.8 26.4 79.2

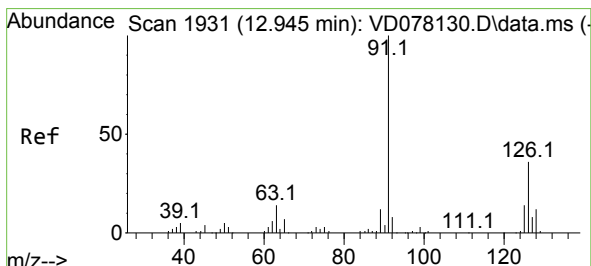
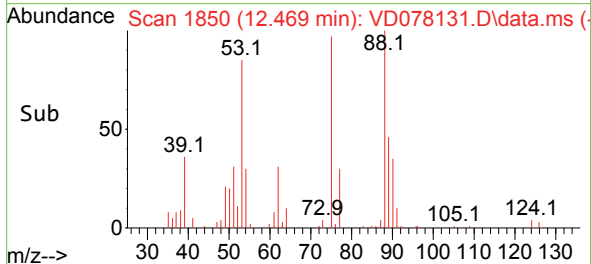
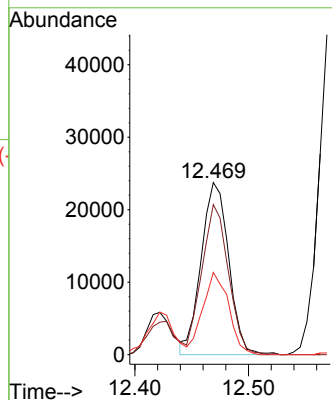
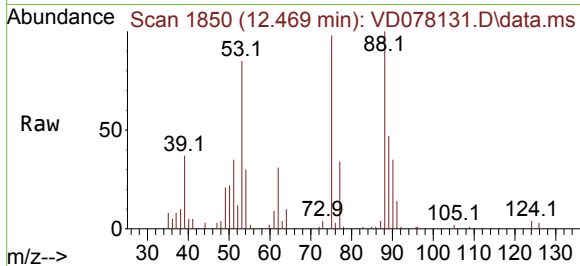




#81
trans-1,4-Dichloro-2-butene
Concen: 104.200 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

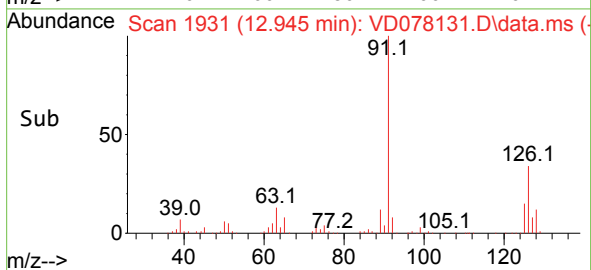
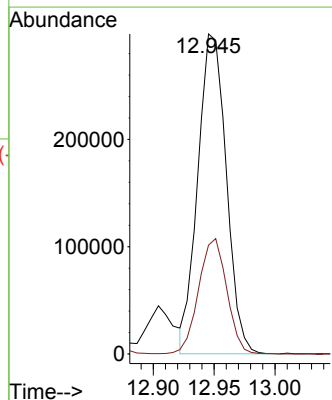
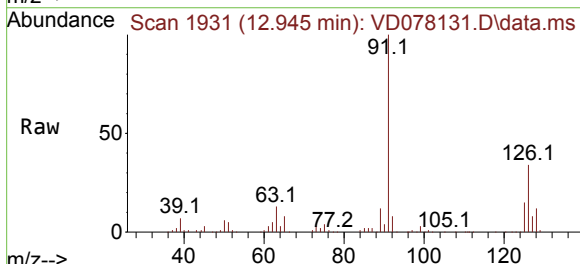
Instrument :
MSVOA_D
ClientSampleId :

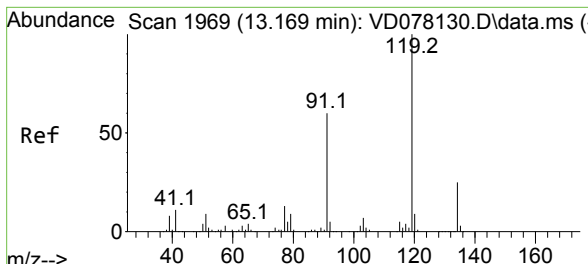
Tgt Ion: 75 Resp: 40017
Ion Ratio Lower Upper
75 100
53 83.8 63.0 94.4
89 44.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 101.175 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion: 91 Resp: 485108
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.4

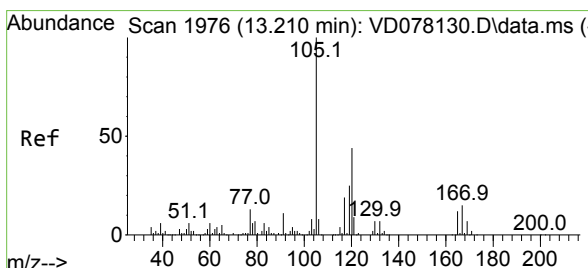
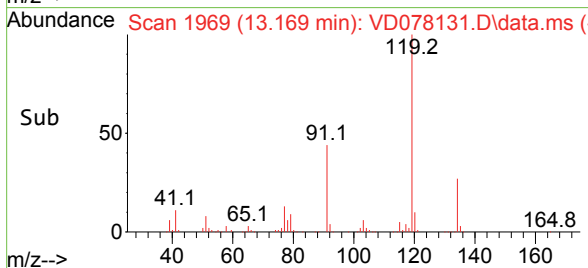
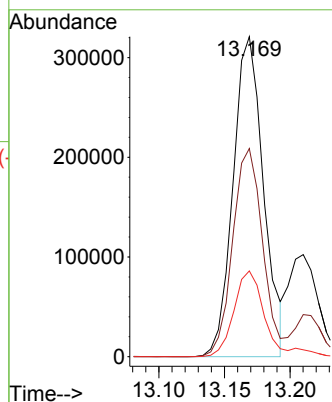
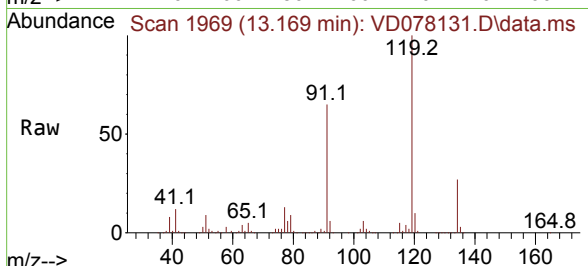




#83
 tert-Butylbenzene
 Concen: 103.276 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

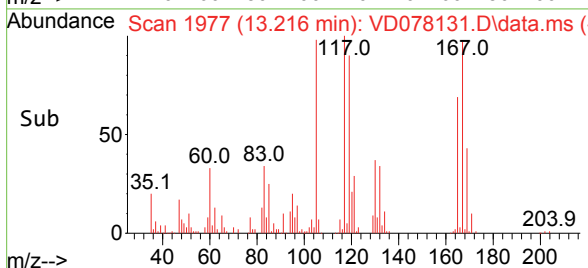
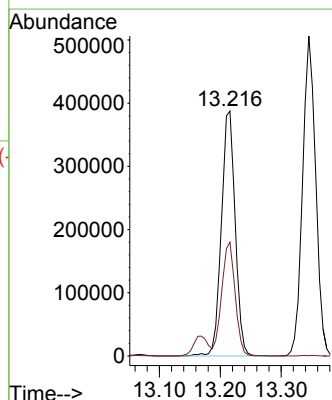
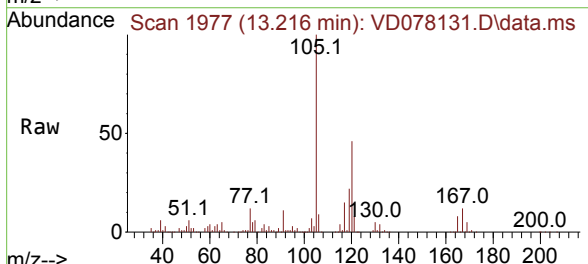
Instrument :
 MSVOA_D
 ClientSampleId :

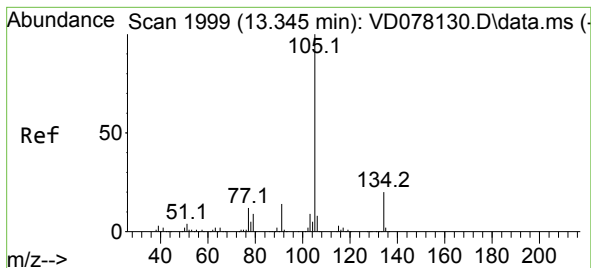
Tgt Ion:	119	Resp:	518673
Ion	Ratio	Lower	Upper
119	100		
91	63.6	29.3	87.8
134	25.9	14.1	42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 107.303 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

Tgt Ion:	105	Resp:	611078
Ion	Ratio	Lower	Upper
105	100		
120	45.2	24.3	72.9





#85

sec-Butylbenzene

Concen: 102.734 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

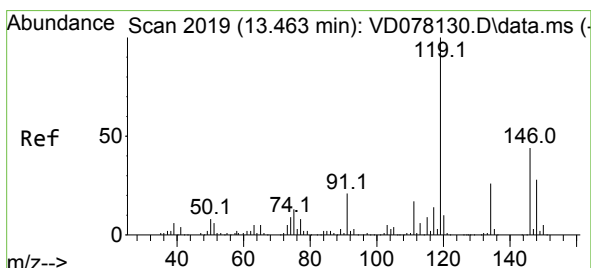
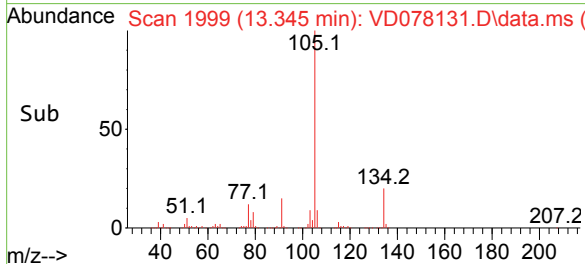
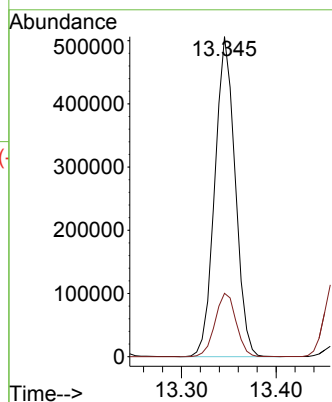
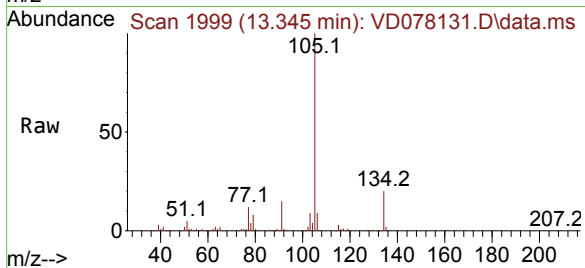
ClientSampleId :

Tgt Ion:105 Resp: 755931

Ion Ratio Lower Upper

105 100

134 20.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 105.793 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

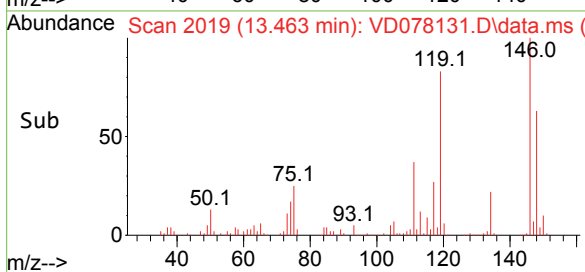
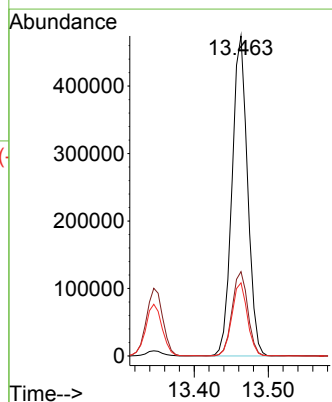
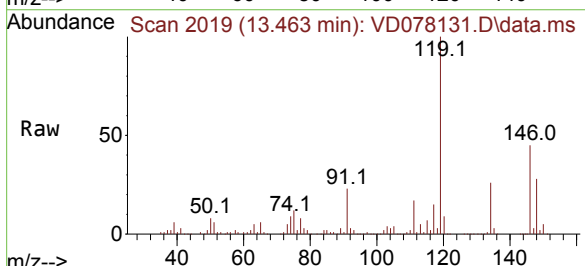
Tgt Ion:119 Resp: 689270

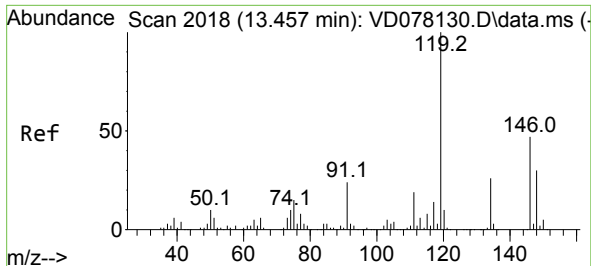
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 22.9 10.5 31.5

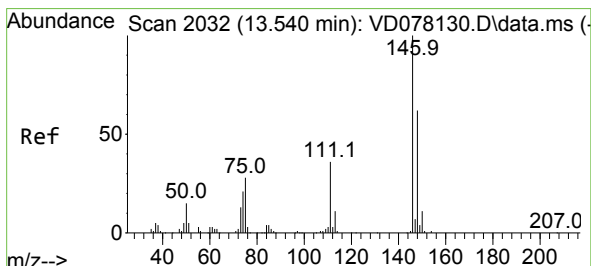
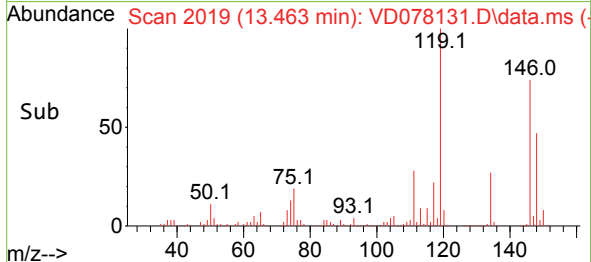
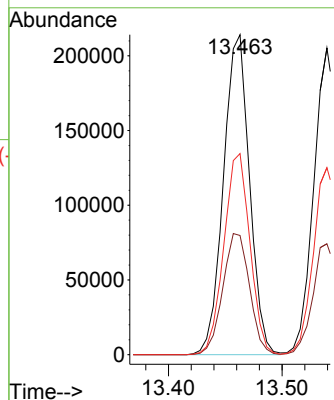
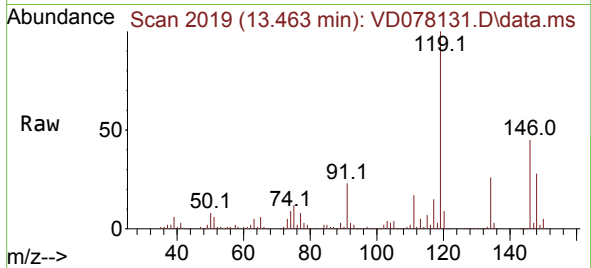




#87
 1,3-Dichlorobenzene
 Concen: 103.673 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

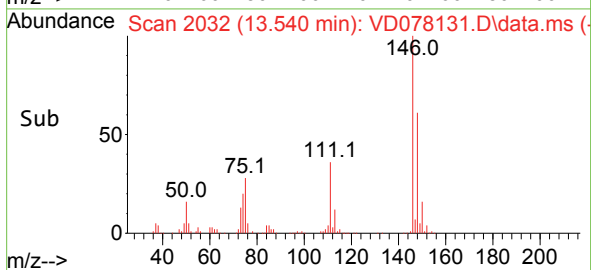
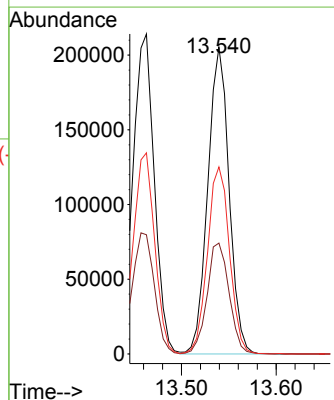
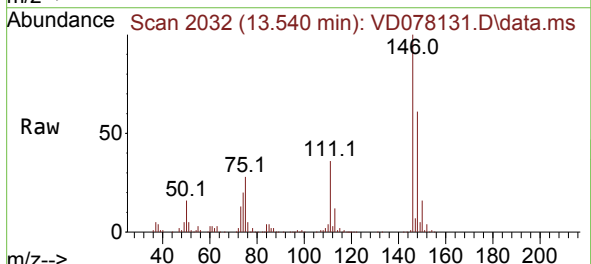
Instrument :
 MSVOA_D
 ClientSampleId :

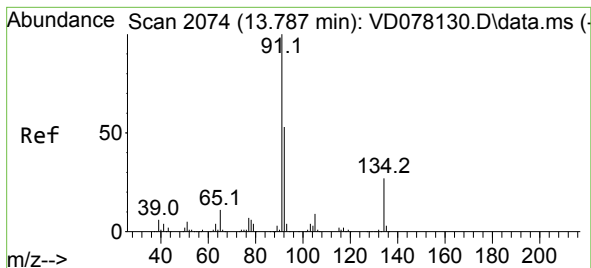
Tgt Ion:146 Resp: 341538
 Ion Ratio Lower Upper
 146 100
 111 38.9 17.9 53.8
 148 63.0 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 98.320 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD078131.D
 Acq: 08 Jan 2024 14:36

Tgt Ion:146 Resp: 319936
 Ion Ratio Lower Upper
 146 100
 111 37.6 17.4 52.3
 148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 102.649 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

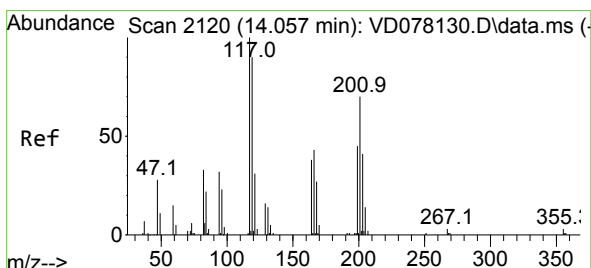
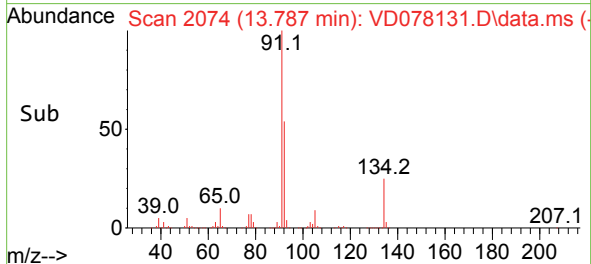
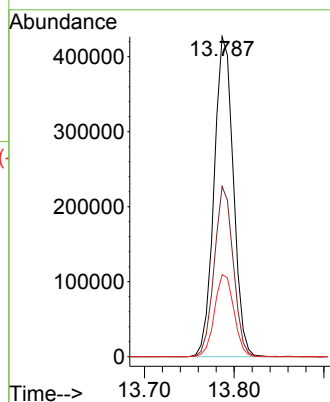
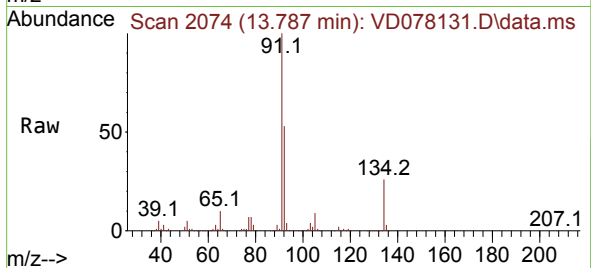
Tgt Ion: 91 Resp: 635091

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 98.068 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD078131.D

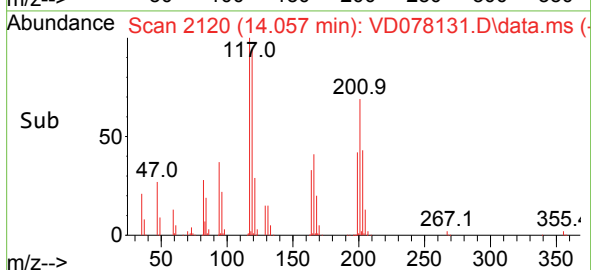
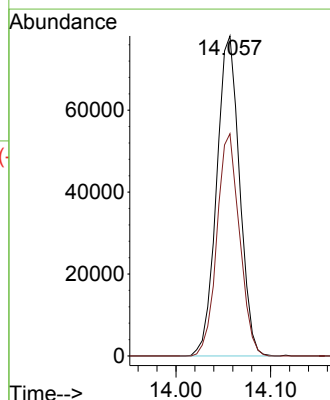
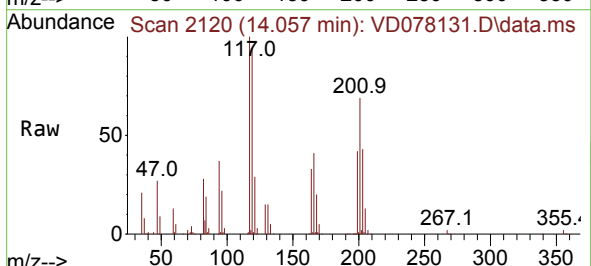
Acq: 08 Jan 2024 14:36

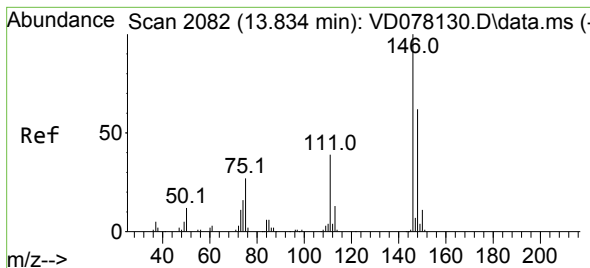
Tgt Ion: 117 Resp: 131321

Ion Ratio Lower Upper

117 100

201 68.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 100.416 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

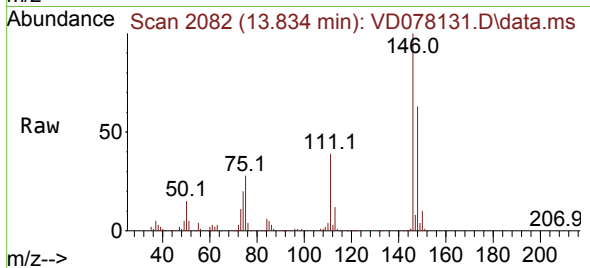
Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :



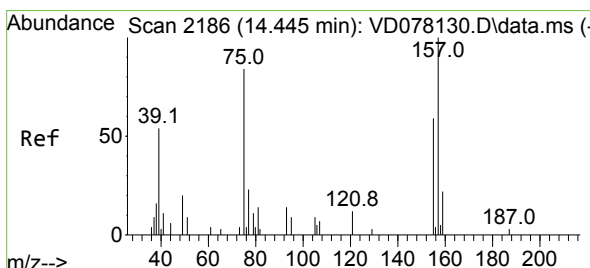
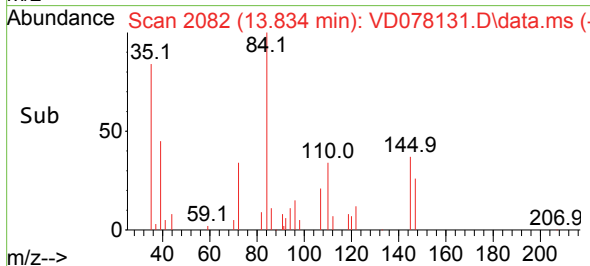
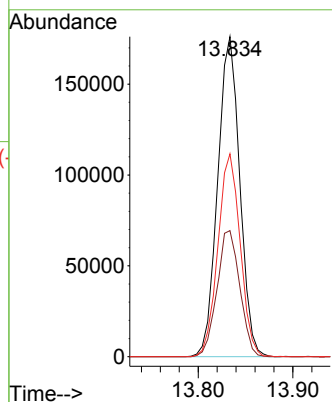
Tgt Ion:146 Resp: 285366

Ion Ratio Lower Upper

146 100

111 40.7 18.3 54.8

148 63.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 106.351 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

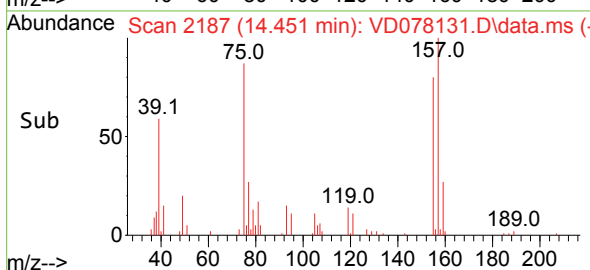
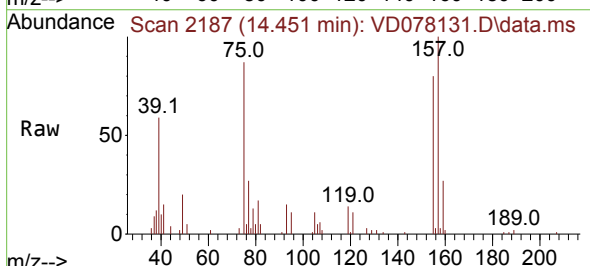
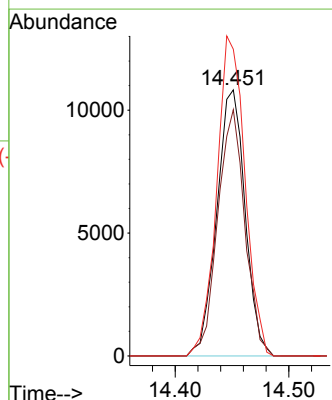
Tgt Ion: 75 Resp: 18743

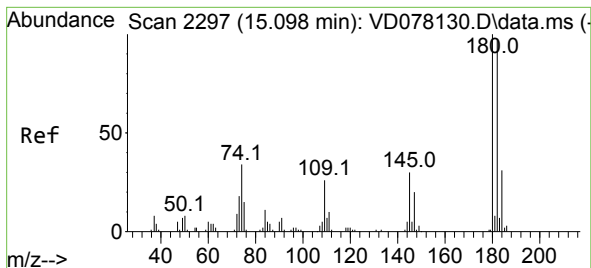
Ion Ratio Lower Upper

75 100

155 89.1 47.9 143.8

157 120.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 98.862 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

Instrument :

MSVOA_D

ClientSampleId :

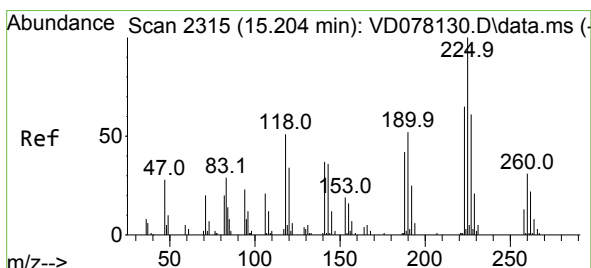
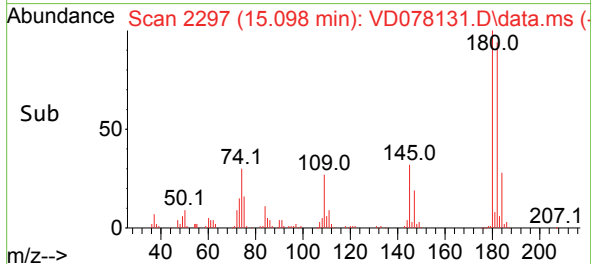
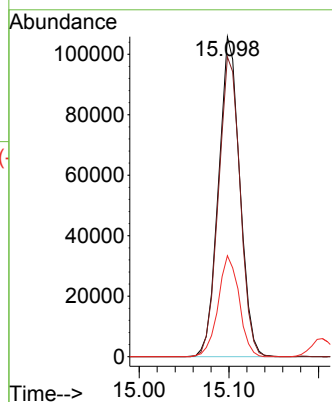
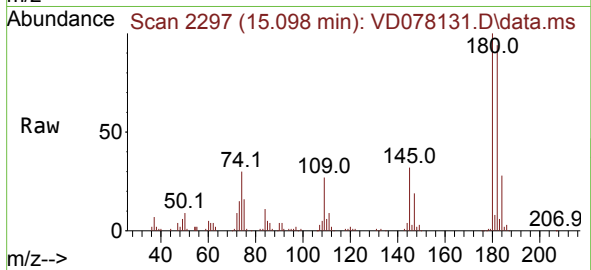
Tgt Ion:180 Resp: 173967

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 31.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 93.696 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078131.D

Acq: 08 Jan 2024 14:36

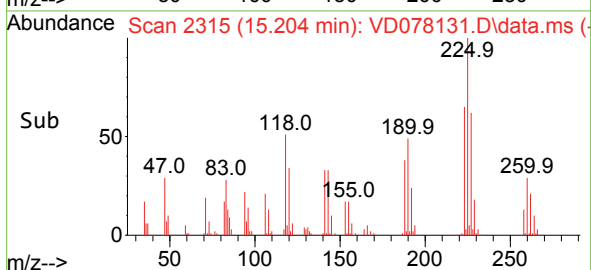
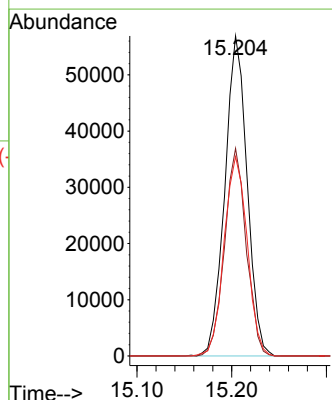
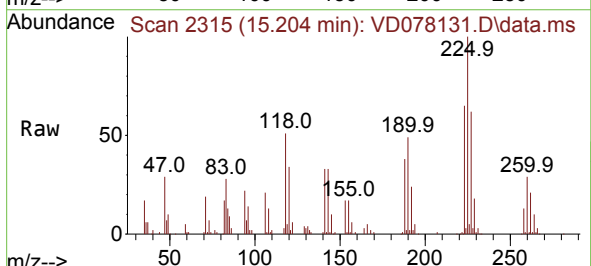
Tgt Ion:225 Resp: 93025

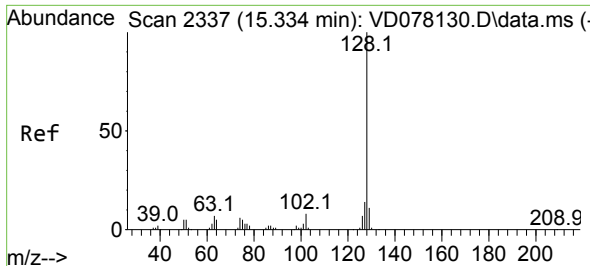
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

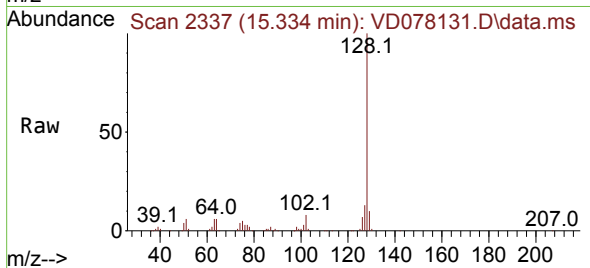
227 64.5 31.7 95.1



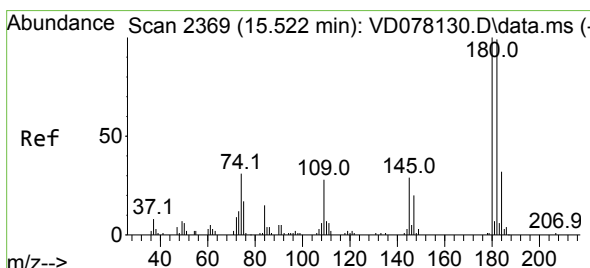
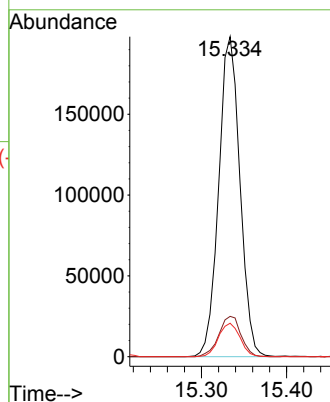
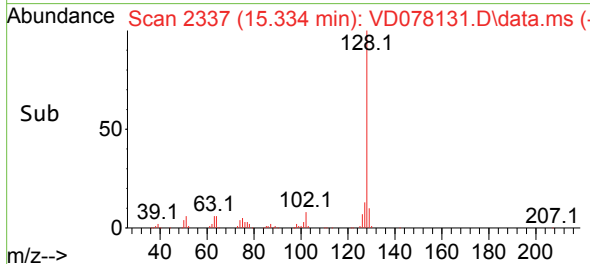


#95
Naphthalene
Concen: 109.945 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 342977
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 102.462 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078131.D
Acq: 08 Jan 2024 14:36

Tgt Ion:180 Resp: 153766
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 31.6 15.1 45.3

