

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078660.D
 Acq On : 14 Mar 2024 11:22
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 15 05:26:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	136530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	227720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59994	46.888	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.780%		
35) Dibromofluoromethane	7.805	113	69927	47.694	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.380%		
50) Toluene-d8	10.269	98	264105	48.980	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.569	95	77128	48.893	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	60059	47.264	ug/l	100
3) Chloromethane	2.152	50	95315	47.506	ug/l	100
4) Vinyl Chloride	2.287	62	142196	48.044	ug/l	100
5) Bromomethane	2.693	94	125016	44.116	ug/l	100
6) Chloroethane	2.840	64	108540	47.024	ug/l	100
7) Trichlorofluoromethane	3.181	101	110556	47.216	ug/l	100
8) Diethyl Ether	3.593	74	31849	46.587	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.975	101	68327	46.497	ug/l	100
10) Methyl Iodide	4.164	142	85551	49.217	ug/l	100
11) Tert butyl alcohol	5.058	59	14553	254.151	ug/l	100
12) 1,1-Dichloroethene	3.940	96	67861	48.579	ug/l	100
13) Acrolein	3.799	56	18418	205.331	ug/l	100
14) Allyl chloride	4.564	41	73485	47.144	ug/l	100
15) Acrylonitrile	5.258	53	69074	250.639	ug/l	100
16) Acetone	4.022	43	61959	250.417	ug/l	100
17) Carbon Disulfide	4.275	76	218336	47.677	ug/l	100
18) Methyl Acetate	4.564	43	27671	52.112	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	138942	49.320	ug/l	100
20) Methylene Chloride	4.811	84	82787	48.979	ug/l	100
21) trans-1,2-Dichloroethene	5.316	96	79717	48.362	ug/l	100
22) Diisopropyl ether	6.216	45	173916	49.075	ug/l	100
23) Vinyl Acetate	6.158	43	522399	252.008	ug/l	100
24) 1,1-Dichloroethane	6.116	63	125124	47.093	ug/l	100
25) 2-Butanone	7.087	43	79147	240.604	ug/l	100
26) 2,2-Dichloropropane	7.081	77	106988	47.594	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	89057	47.370	ug/l	100
28) Bromochloromethane	7.428	49	52730	55.666	ug/l	100
29) Tetrahydrofuran	7.446	42	45852	256.274	ug/l	100
30) Chloroform	7.593	83	137652	46.466	ug/l	100
31) Cyclohexane	7.881	56	99023	46.044	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	116878	46.500	ug/l	100
36) 1,1-Dichloropropene	8.010	75	102839	48.342	ug/l	100
37) Ethyl Acetate	7.169	43	33095	47.621	ug/l	100
38) Carbon Tetrachloride	7.993	117	105571	47.073	ug/l	100
39) Methylcyclohexane	9.275	83	122997	49.842	ug/l	100
40) Benzene	8.252	78	307294	47.786	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	17059	45.069	ug/l	100
42) 1,2-Dichloroethane	8.328	62	76443	48.745	ug/l	100
43) Isopropyl Acetate	8.363	43	63301	50.085	ug/l	100
44) Trichloroethene	9.028	130	82009	46.992	ug/l	100
45) 1,2-Dichloropropane	9.304	63	72984	47.844	ug/l	100
46) Dibromomethane	9.393	93	43607	47.687	ug/l	100
47) Bromodichloromethane	9.587	83	101896	46.808	ug/l	100
48) Methyl methacrylate	9.381	41	29960	48.650	ug/l	100
49) 1,4-Dioxane	9.387	88	8344	985.502	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	167936	254.163	ug/l	100
52) Toluene	10.334	92	205205	49.565	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	95490	47.976	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	115596	48.312	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	58222	47.546	ug/l	100
56) Ethyl methacrylate	10.599	69	63192	51.477	ug/l	100
57) 1,3-Dichloropropane	10.881	76	95253	48.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	141354	261.142	ug/l	100
59) 2-Hexanone	10.922	43	124733	254.654	ug/l	100
60) Dibromochloromethane	11.075	129	73044	48.369	ug/l	100
61) 1,2-Dibromoethane	11.175	107	57789	48.764	ug/l	100
64) Tetrachloroethene	10.810	164	69488	48.796	ug/l	100
65) Chlorobenzene	11.604	112	217164	48.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	79064	48.009	ug/l	100
67) Ethyl Benzene	11.681	91	379159	49.480	ug/l	100
68) m/p-Xylenes	11.793	106	305697	98.243	ug/l	100
69) o-Xylene	12.122	106	142459	49.482	ug/l	100
70) Styrene	12.134	104	243390	50.368	ug/l	100
71) Bromoform	12.298	173	43390	48.753	ug/l #	100
73) Isopropylbenzene	12.422	105	364117	49.387	ug/l	100
74) N-amyl acetate	12.234	43	60520	50.559	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	67315	49.321	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	78097	90.708	ug/l #	100
77) Bromobenzene	12.698	156	89560	48.983	ug/l	100
78) n-propylbenzene	12.763	91	450351	50.182	ug/l	100
79) 2-Chlorotoluene	12.845	91	236617	48.062	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	302290	49.582	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	20612	50.081	ug/l	100
82) 4-Chlorotoluene	12.945	91	252487	48.488	ug/l	100
83) tert-Butylbenzene	13.169	119	264092	50.236	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	311431	50.688	ug/l	100
85) sec-Butylbenzene	13.345	105	400938	50.397	ug/l	100
86) p-Isopropyltoluene	13.457	119	344101	50.525	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	187424	48.575	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	182875	48.093	ug/l	100
89) n-Butylbenzene	13.787	91	307725	50.031	ug/l	100
90) Hexachloroethane	14.051	117	67496	47.897	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	158648	47.741	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8676	47.520	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	91448	47.153	ug/l	100
94) Hexachlorobutadiene	15.204	225	48778	46.458	ug/l	100
95) Naphthalene	15.328	128	170162	50.465	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	83965	50.044	ug/l	100

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QLast Update : Fri Mar 15 05:17:07 2024
Response via : Initial Calibration

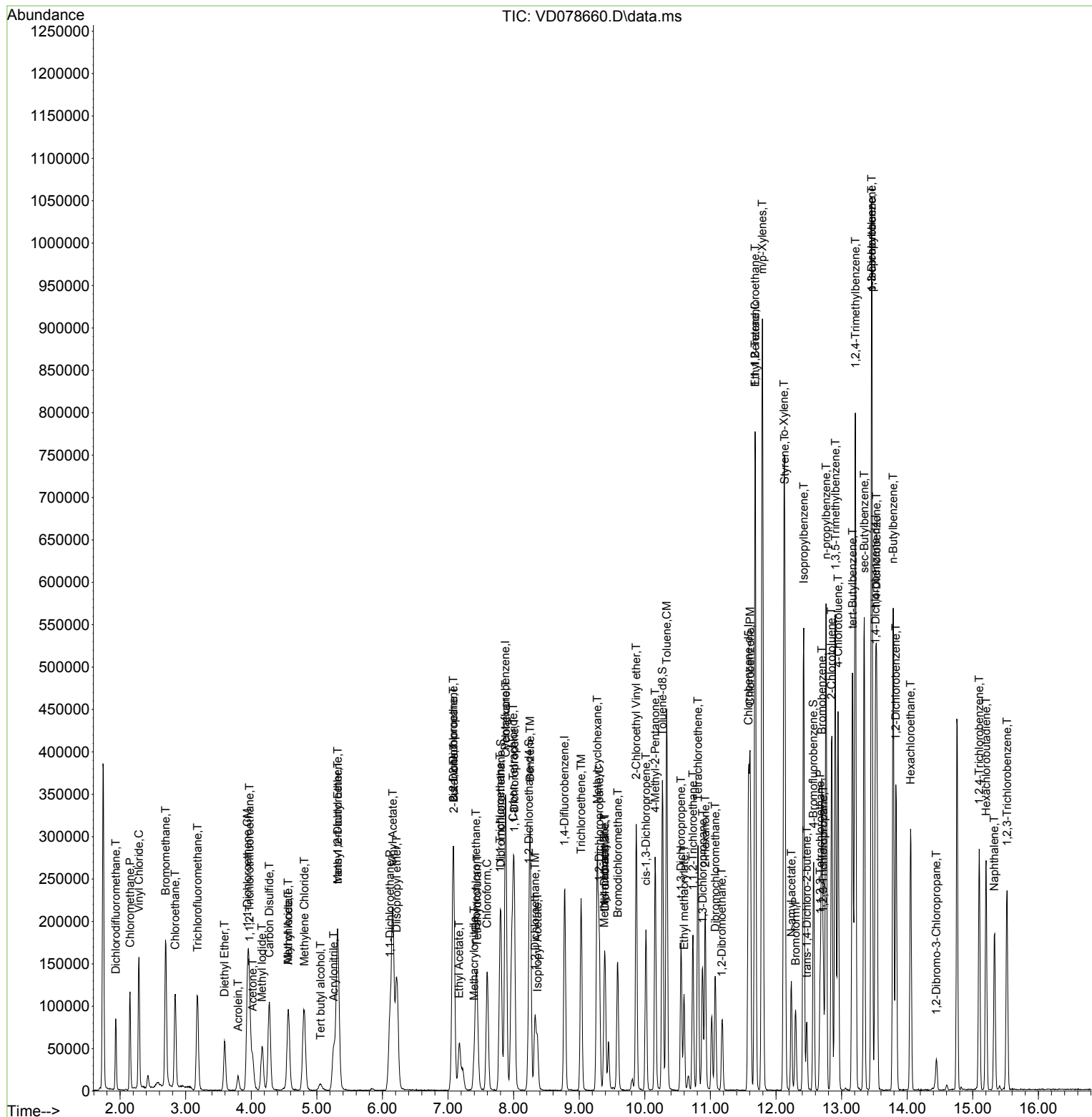
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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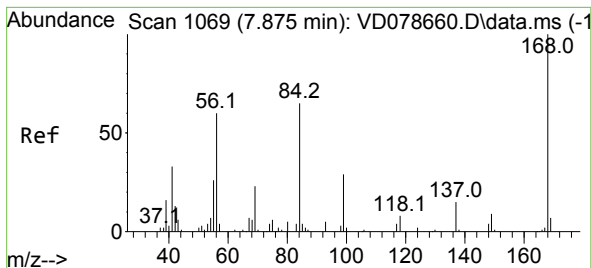
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078660.D

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Instrument :

MSVOA_D

ClientSampleId :

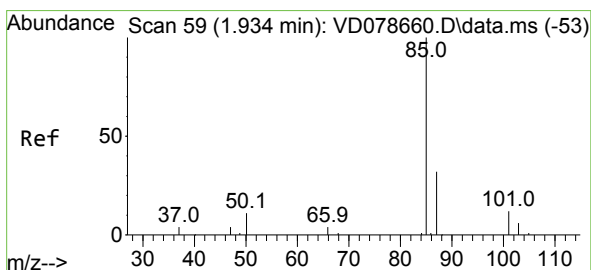
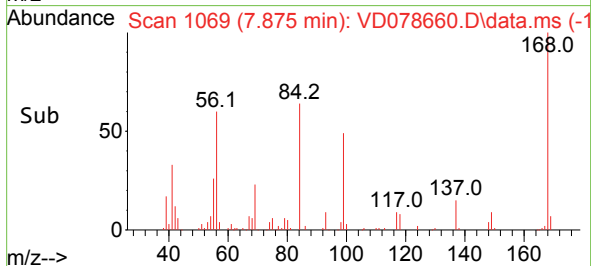
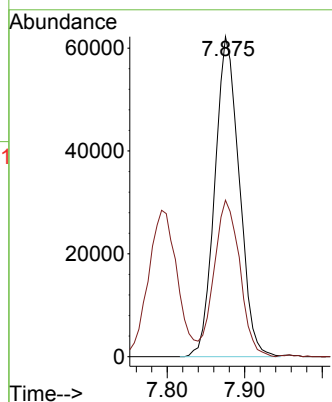
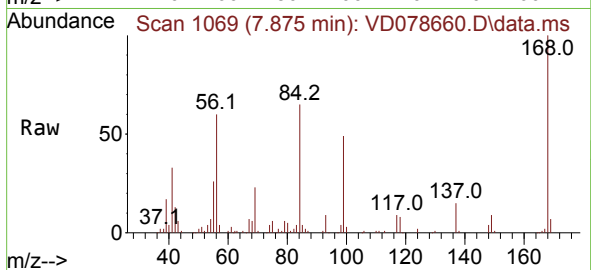
VSTDICCC050

Tgt Ion:168 Resp: 136530

Ion Ratio Lower Upper

168 100

99 48.5 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 47.264 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078660.D

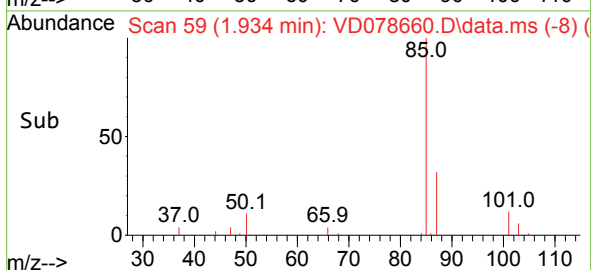
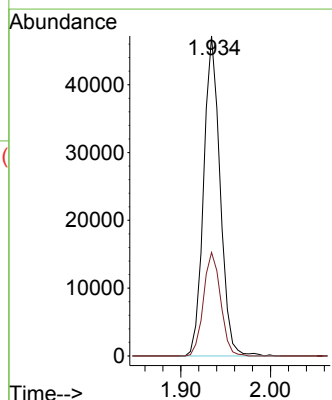
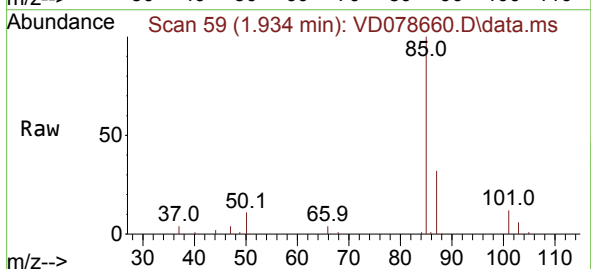
Acq: 14 Mar 2024 11:22

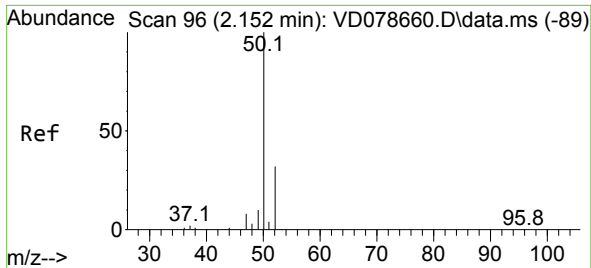
Tgt Ion: 85 Resp: 60059

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5

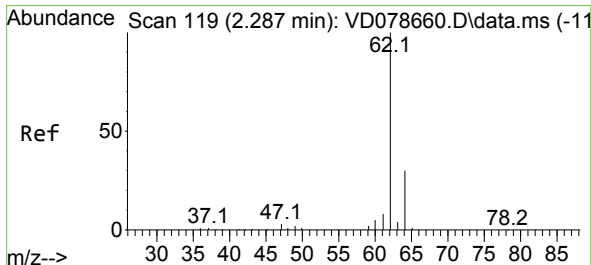
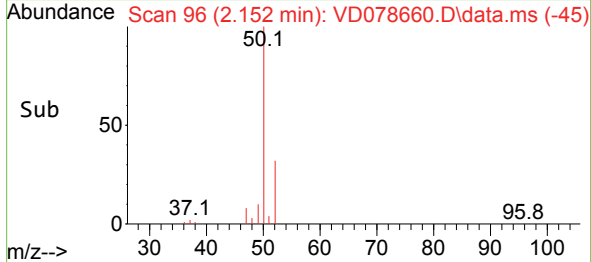
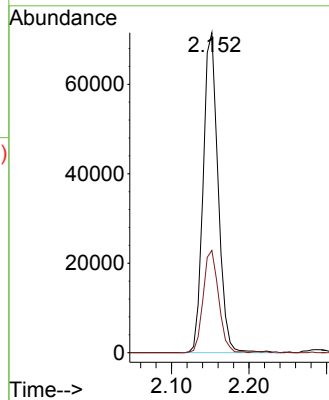
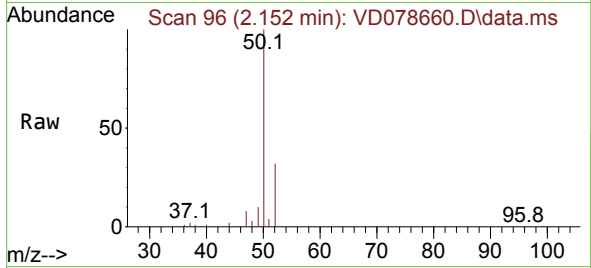




#3
Chloromethane
Concen: 47.506 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

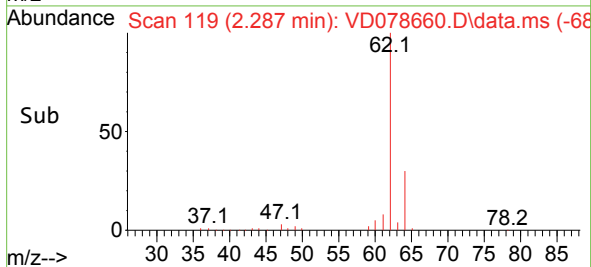
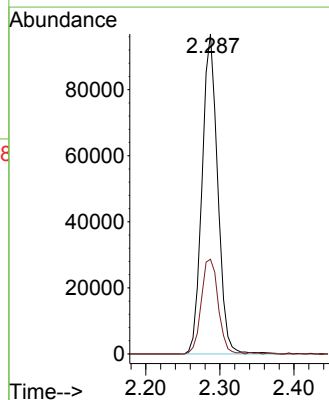
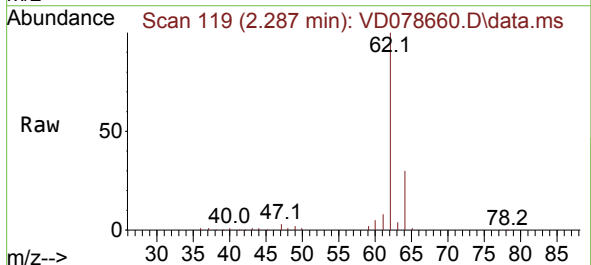
Instrument :
MSVOA_D
ClientSampleId :
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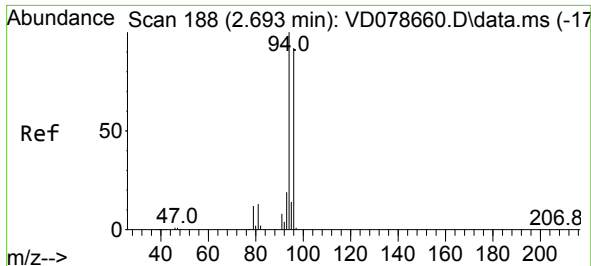
Tgt Ion: 50 Resp: 95315
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 48.044 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 62 Resp: 142196
Ion Ratio Lower Upper
62 100
64 29.6 23.7 35.5

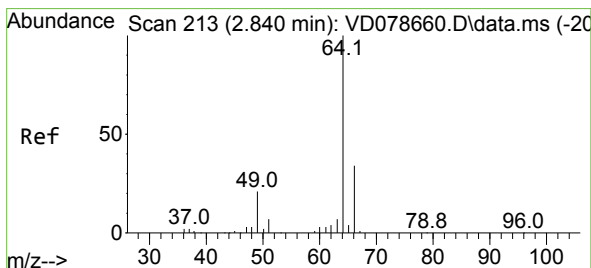
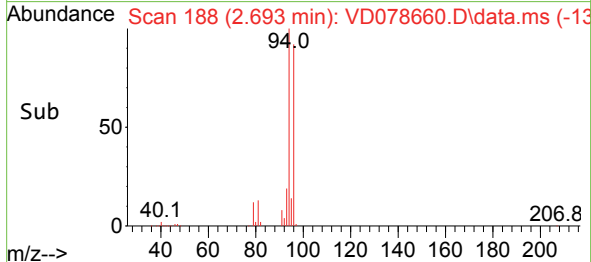
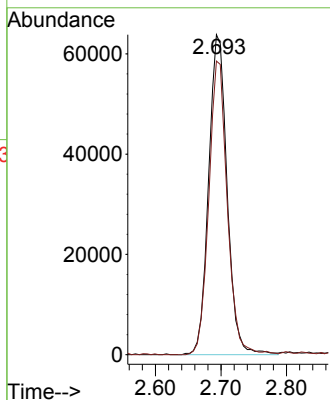
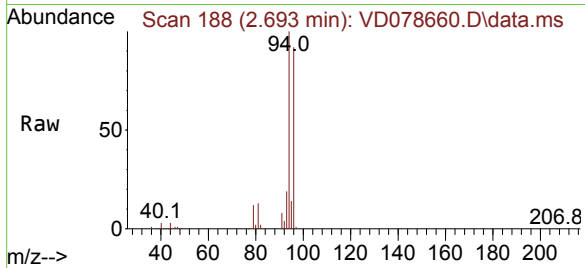




#5
Bromomethane
Concen: 44.116 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078660.D
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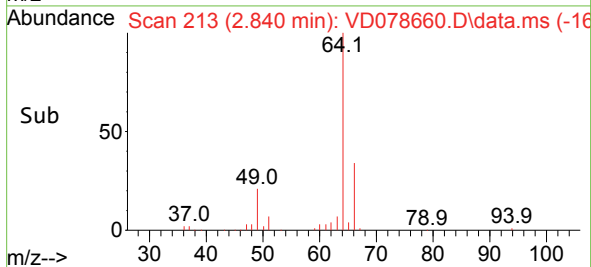
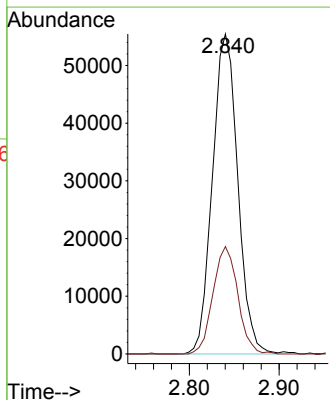
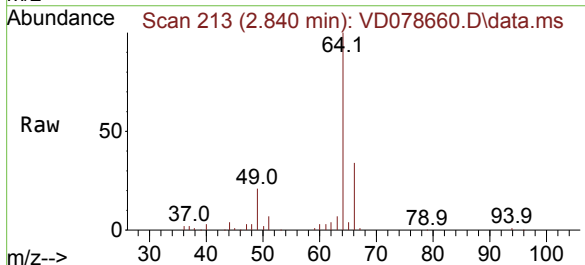
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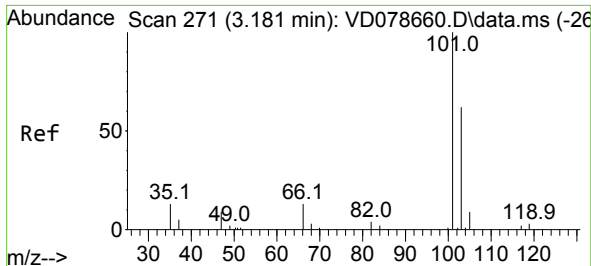
Tgt Ion: 94 Resp: 125016
Ion Ratio Lower Upper
94 100
96 91.9 73.5 110.3



#6
Chloroethane
Concen: 47.024 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 64 Resp: 108540
Ion Ratio Lower Upper
64 100
66 33.5 26.8 40.2

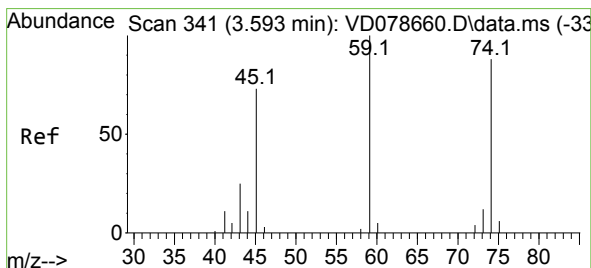
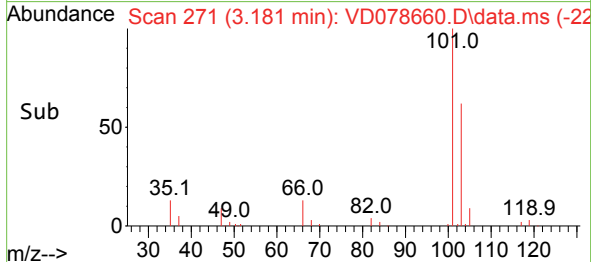
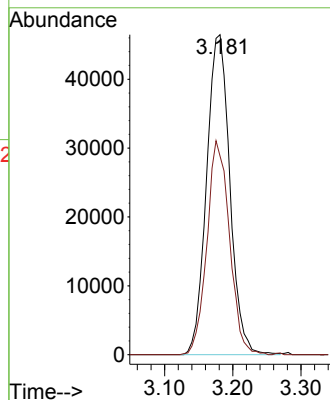
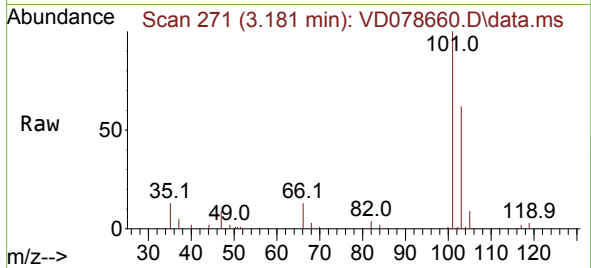




#7
 Trichlorofluoromethane
 Concen: 47.216 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

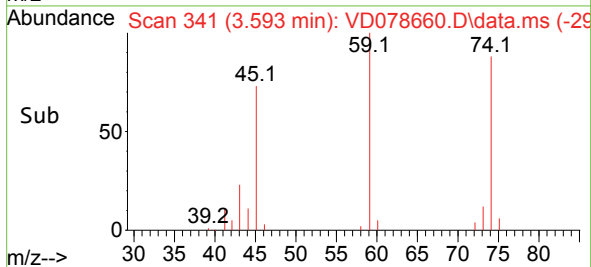
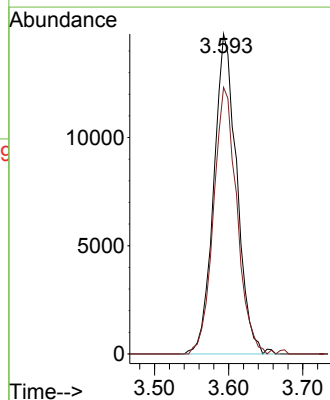
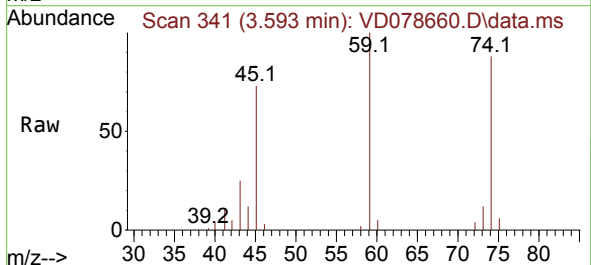
Instrument :
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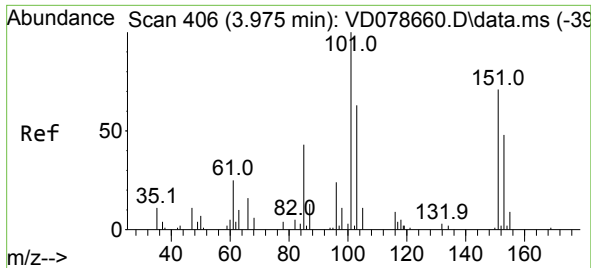
Tgt Ion:101 Resp: 110556
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.7 74.5



#8
 Diethyl Ether
 Concen: 46.587 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078660.D
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Tgt Ion: 74 Resp: 31849
 Ion Ratio Lower Upper
 74 100
 45 84.9 42.4 127.3

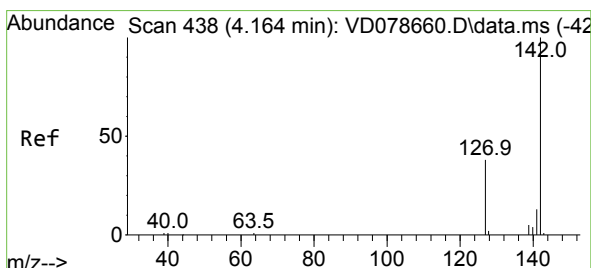
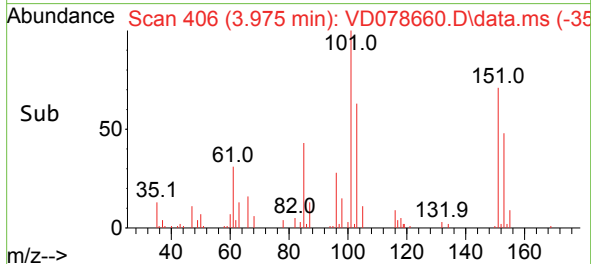
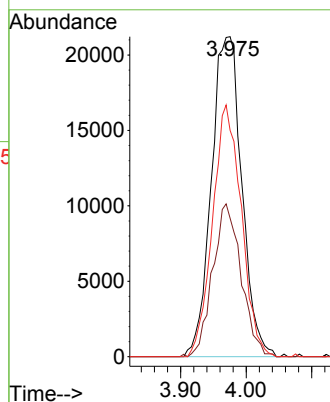
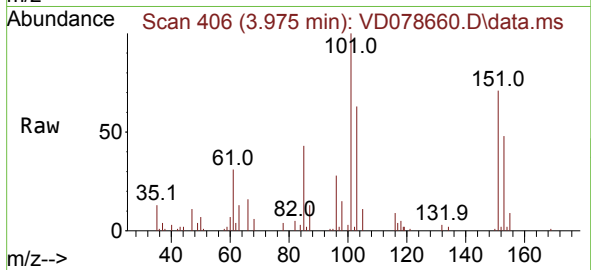




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.497 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

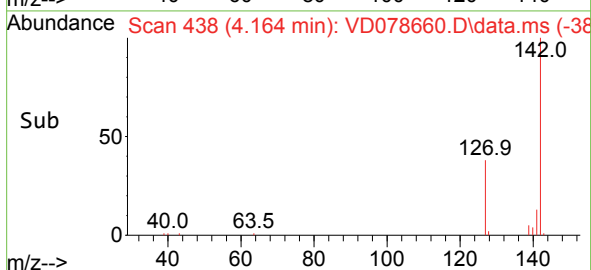
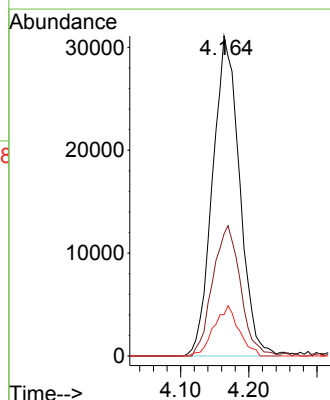
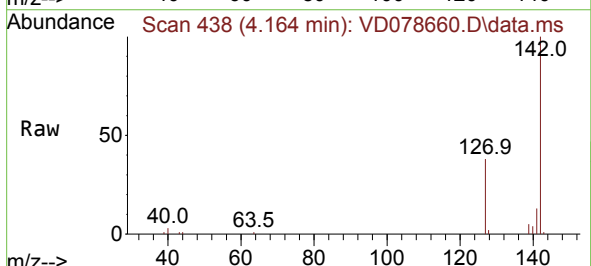
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

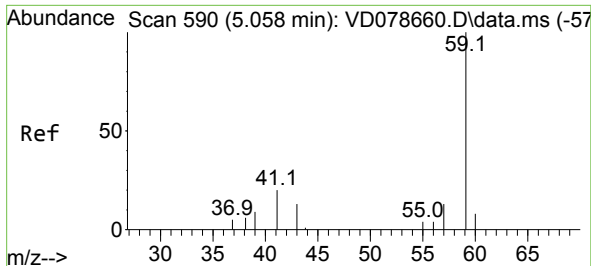
Tgt Ion:101 Resp: 68327
Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.6
151 74.3 59.4 89.2



#10
Methyl Iodide
Concen: 49.217 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion:142 Resp: 85551
Ion Ratio Lower Upper
142 100
127 41.9 33.5 50.3
141 14.6 11.7 17.5

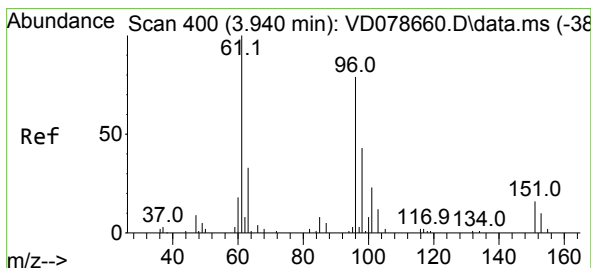
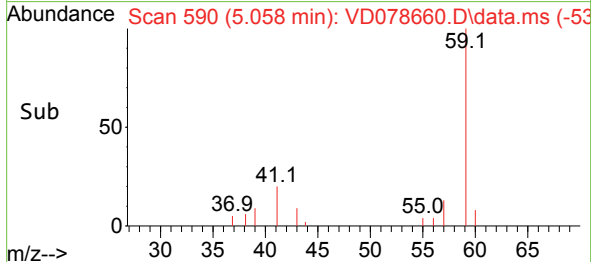
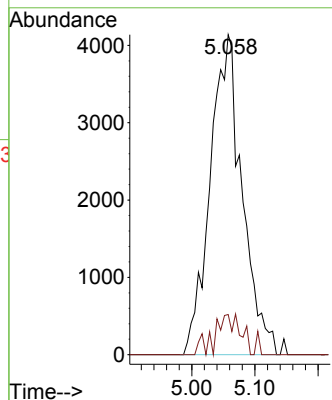
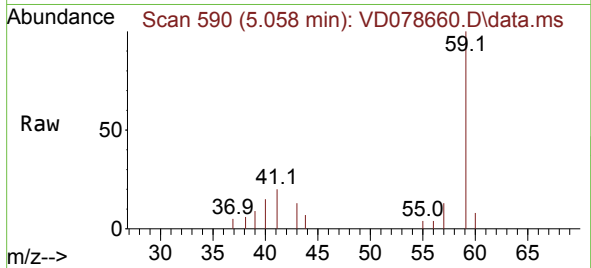




#11
Tert butyl alcohol
Concen: 254.151 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

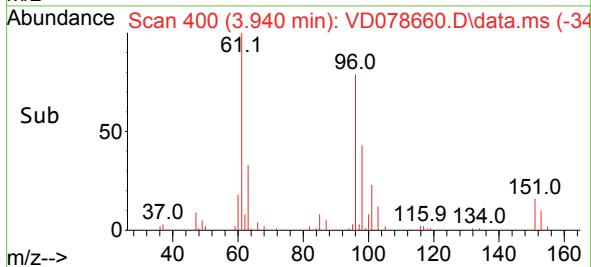
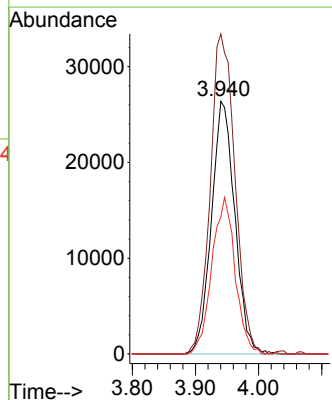
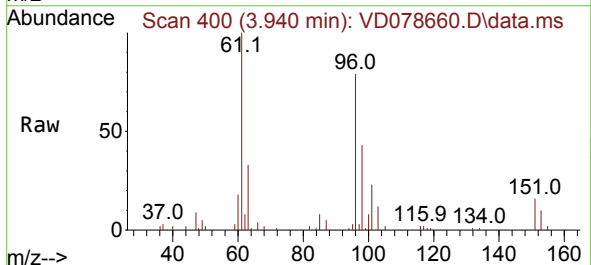
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

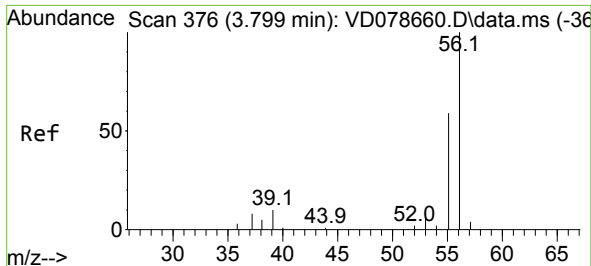
Tgt Ion: 59 Resp: 14553
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 48.579 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 96 Resp: 67861
Ion Ratio Lower Upper
96 100
61 126.7 101.4 152.0
98 54.2 43.4 65.0





#13

Acrolein

Concen: 205.331 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

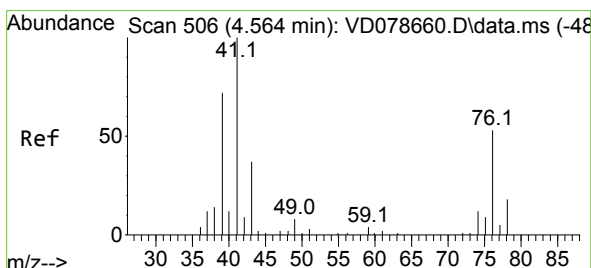
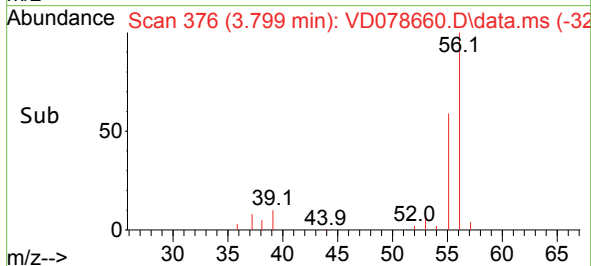
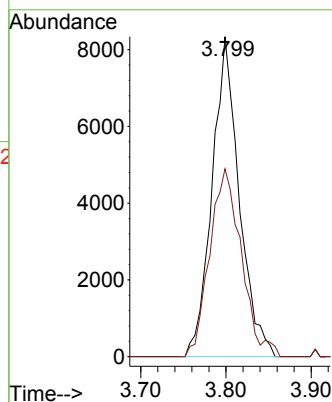
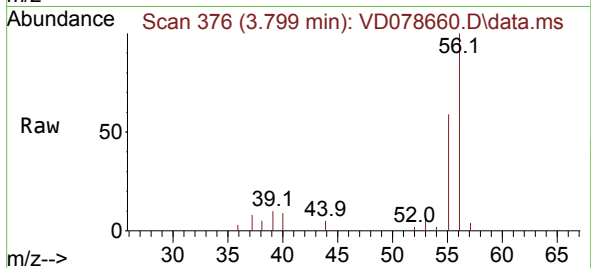
VSTDICCC050

Tgt Ion: 56 Resp: 18418

Ion Ratio Lower Upper

56 100

55 68.6 54.9 82.3



#14

Allyl chloride

Concen: 47.144 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

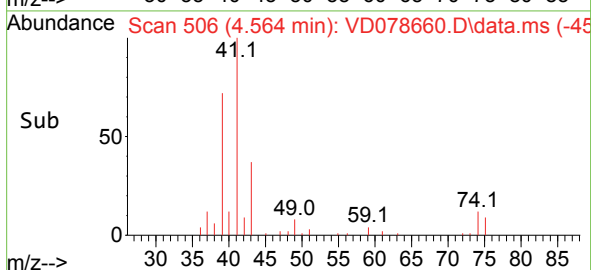
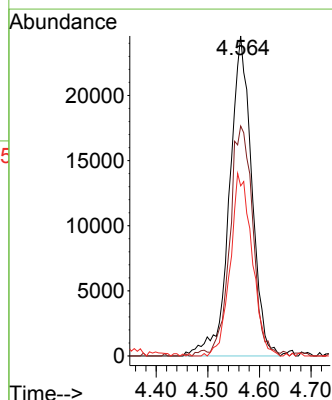
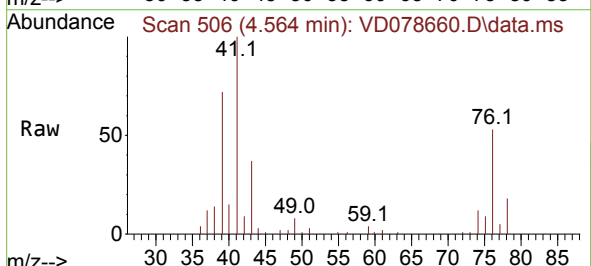
Tgt Ion: 41 Resp: 73485

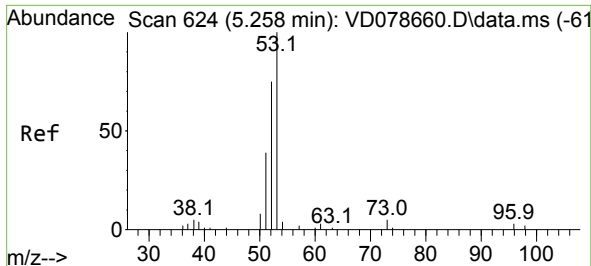
Ion Ratio Lower Upper

41 100

39 72.2 57.8 86.6

76 56.0 44.8 67.2

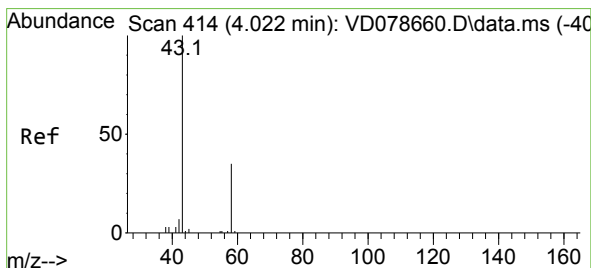
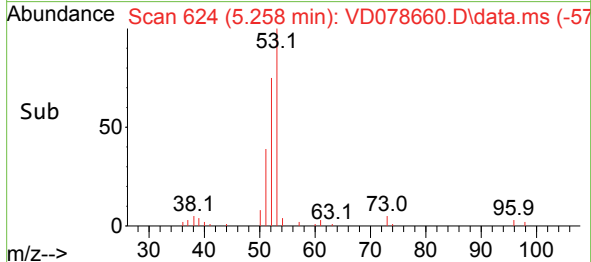
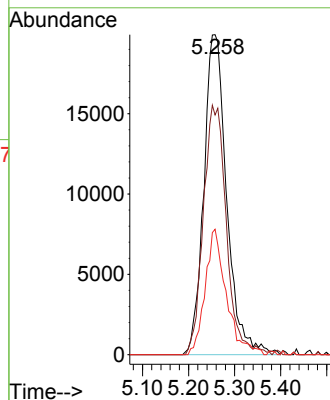
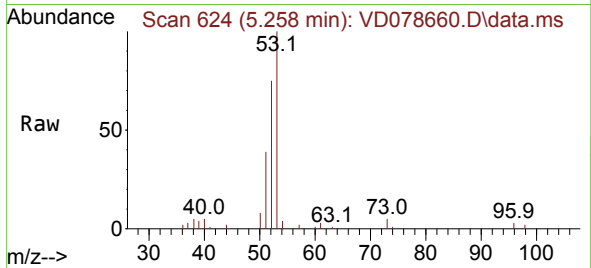




#15
Acrylonitrile
Concen: 250.639 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

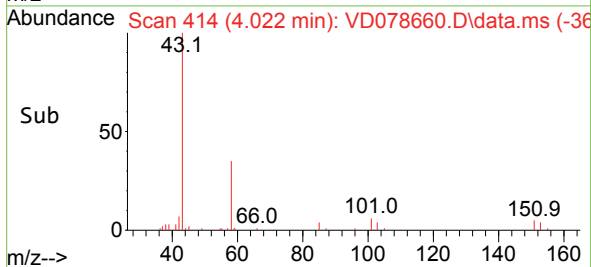
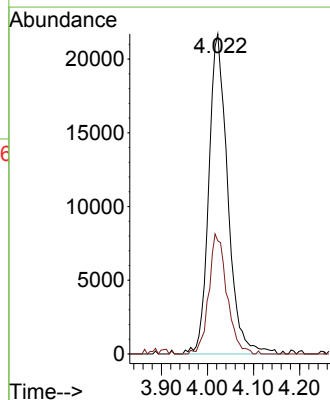
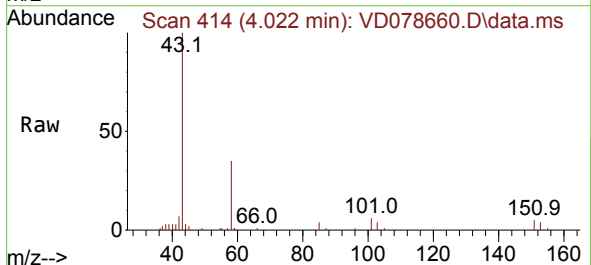
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

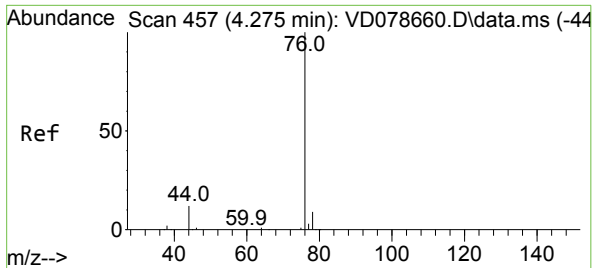
Tgt Ion: 53 Resp: 69074
Ion Ratio Lower Upper
53 100
52 77.4 61.9 92.9
51 36.2 29.0 43.4



#16
Acetone
Concen: 250.417 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 43 Resp: 61959
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.4

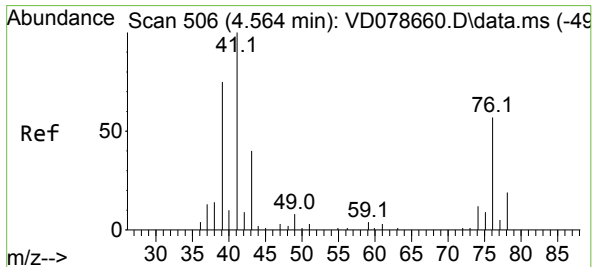
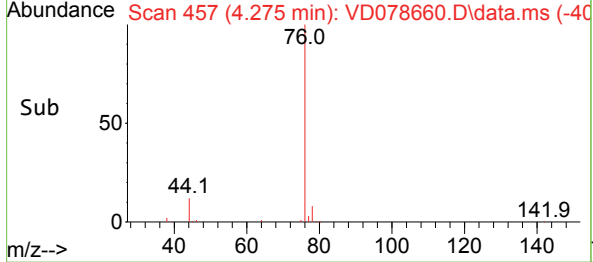
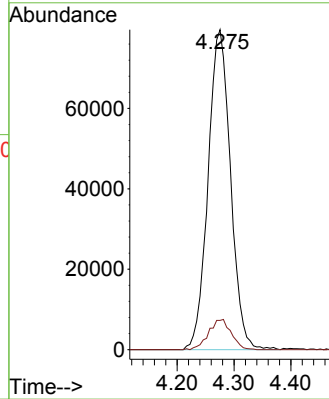
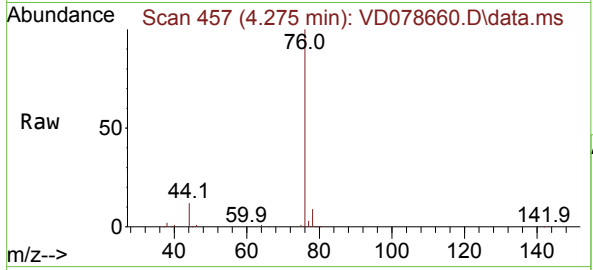




#17
Carbon Disulfide
Concen: 47.677 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

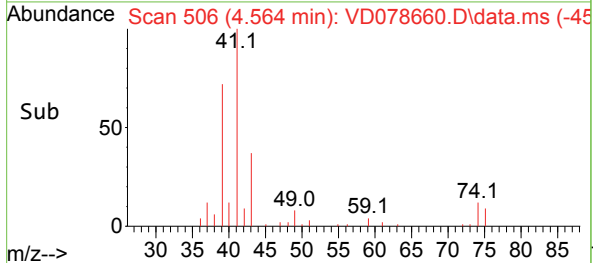
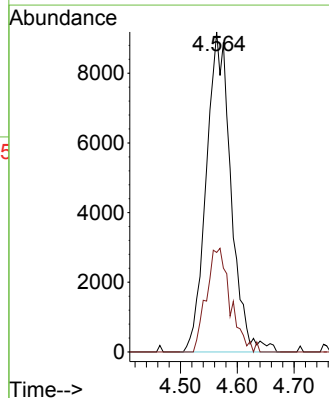
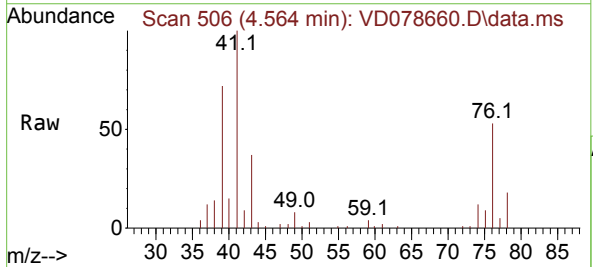
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

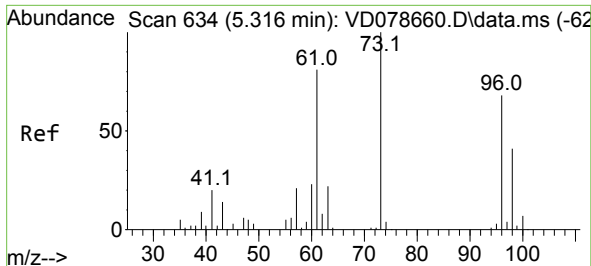
Tgt Ion: 76 Resp: 218336
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 52.112 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 43 Resp: 27671
Ion Ratio Lower Upper
43 100
74 31.6 25.3 37.9

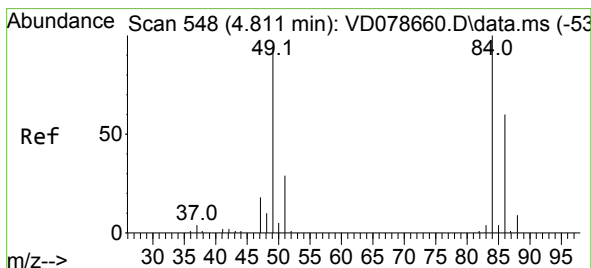
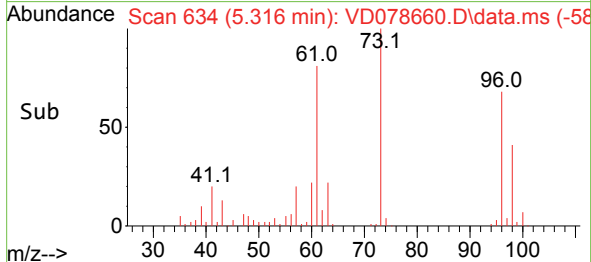
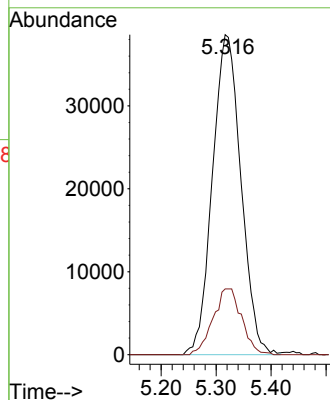
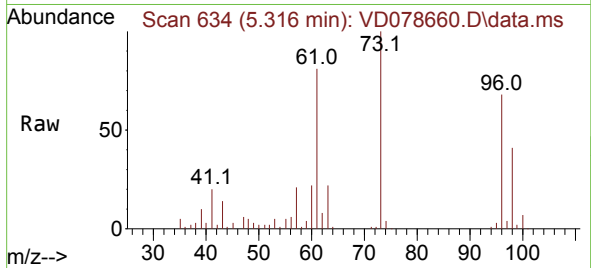




#19
Methyl tert-butyl Ether
Concen: 49.320 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

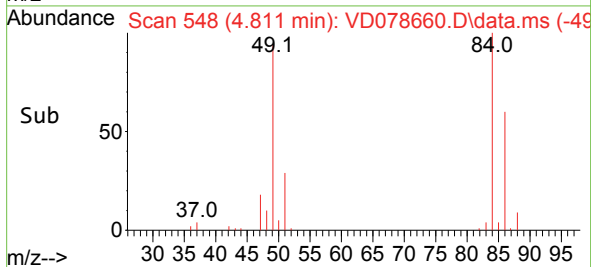
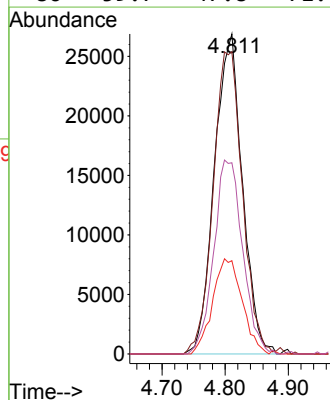
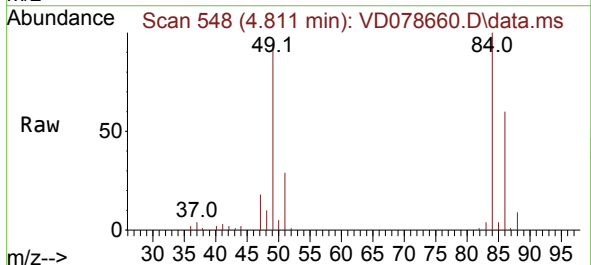
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

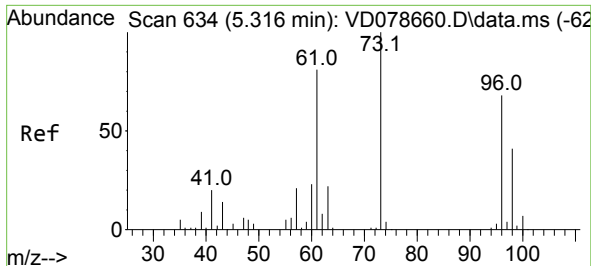
Tgt Ion: 73 Resp: 138942
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 48.979 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 84 Resp: 82787
Ion Ratio Lower Upper
84 100
49 94.5 75.6 113.4
51 29.2 23.4 35.0
86 59.7 47.8 71.6

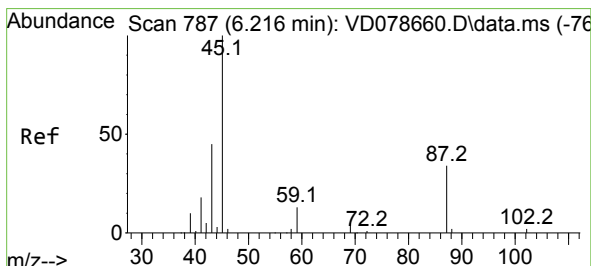
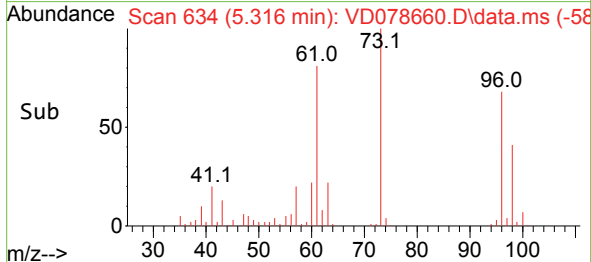
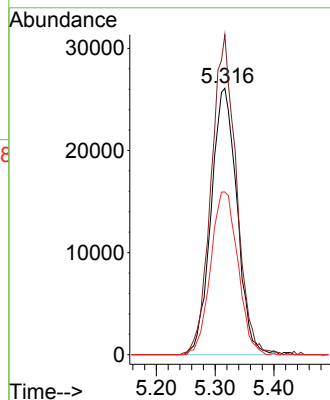
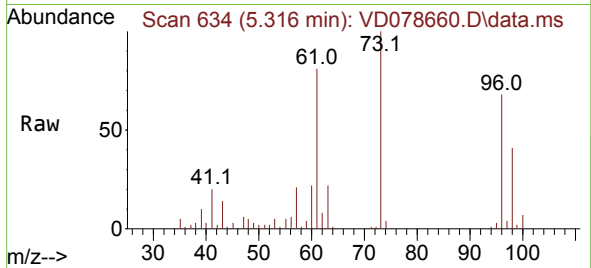




#21
trans-1,2-Dichloroethene
Concen: 48.362 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

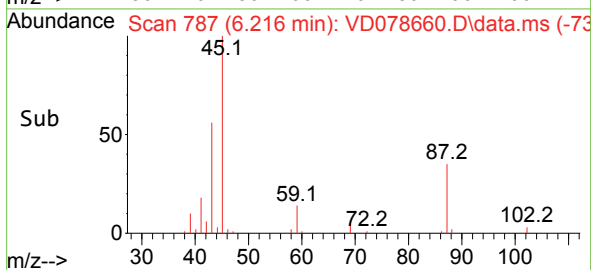
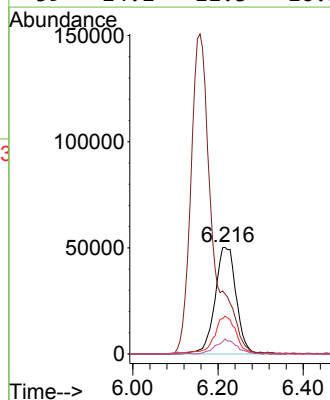
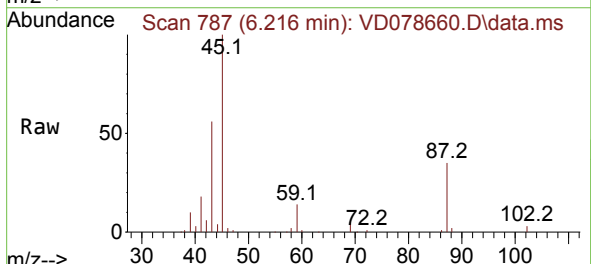
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

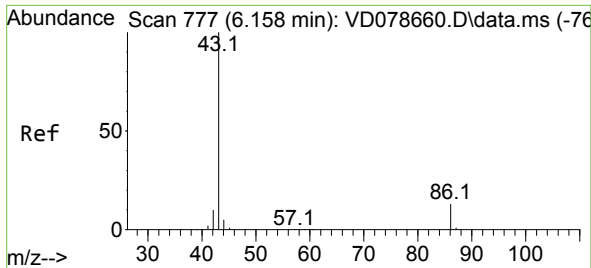
Tgt Ion: 96 Resp: 79717
Ion Ratio Lower Upper
96 100
61 120.1 96.1 144.1
98 61.1 48.9 73.3



#22
Diisopropyl ether
Concen: 49.075 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 45 Resp: 173916
Ion Ratio Lower Upper
45 100
43 55.4 44.3 66.5
87 35.4 28.3 42.5
59 14.1 11.3 16.9

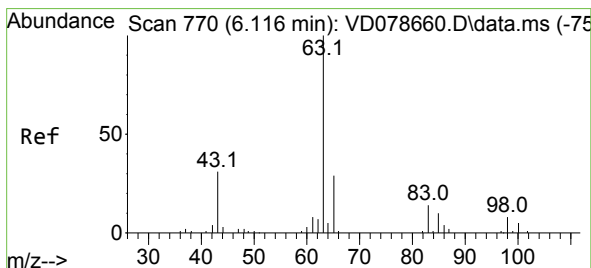
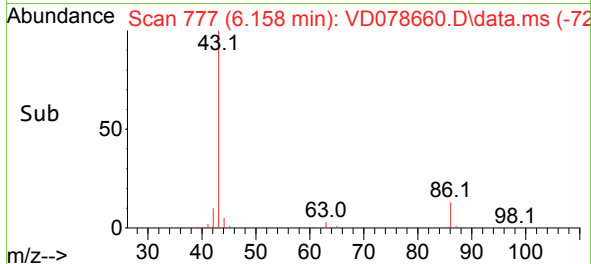
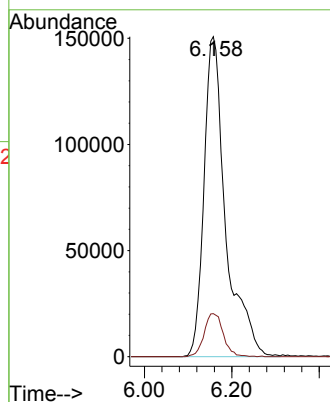
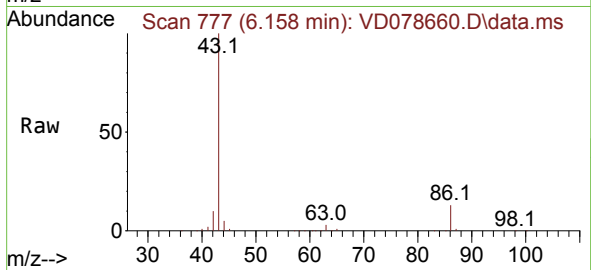




#23
 Vinyl Acetate
 Concen: 252.008 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

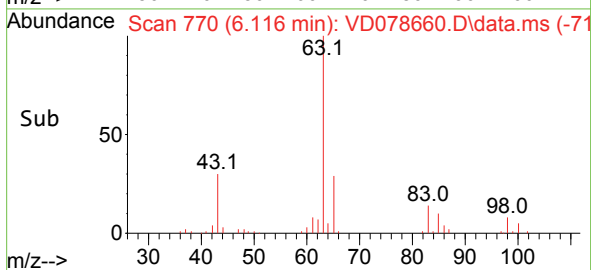
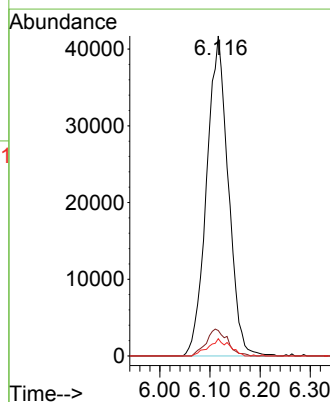
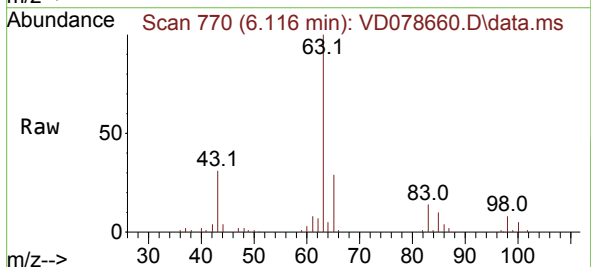
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

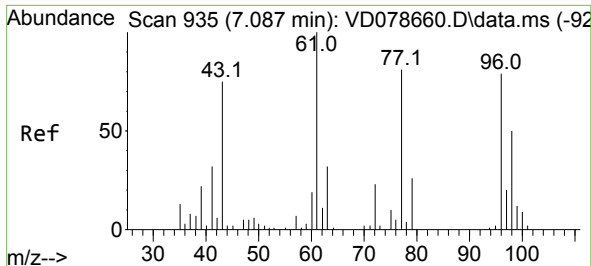
Tgt Ion: 43 Resp: 522399
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 47.093 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

Tgt Ion: 63 Resp: 125124
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 11.9
 100 5.4 2.7 8.1

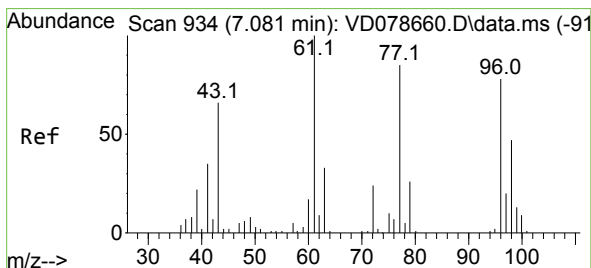
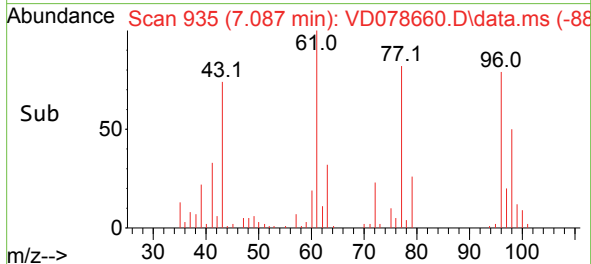
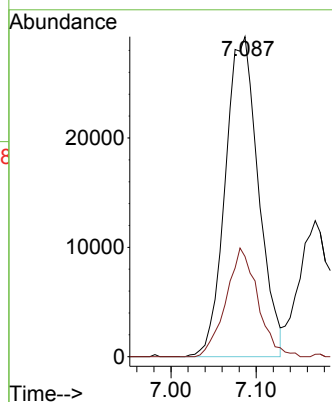
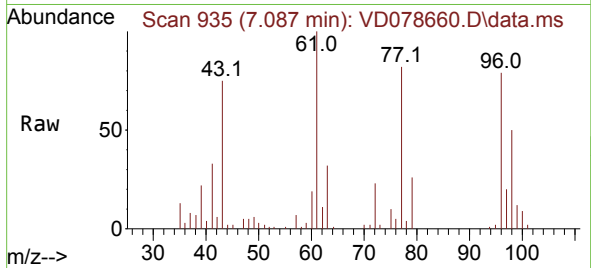




#25
2-Butanone
Concen: 240.604 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

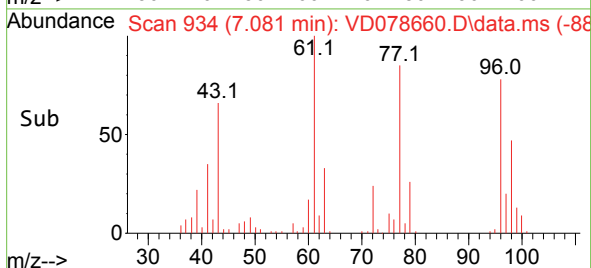
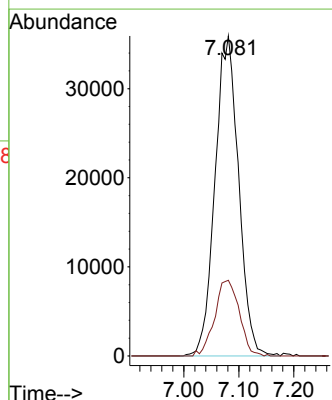
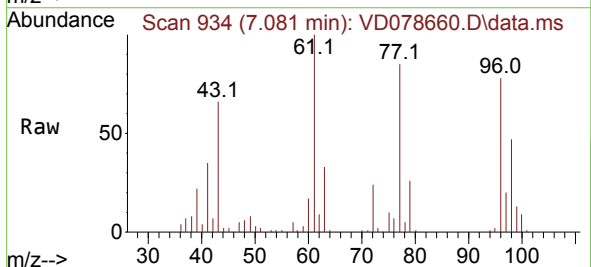
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

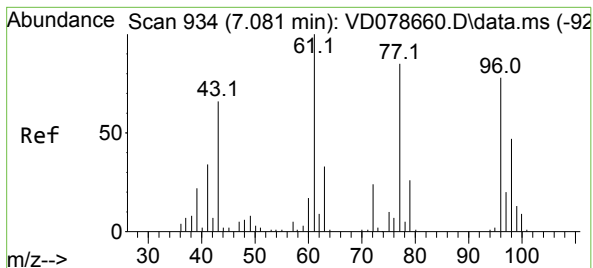
Tgt Ion: 43 Resp: 79147
Ion Ratio Lower Upper
43 100
72 31.3 25.0 37.6



#26
2,2-Dichloropropane
Concen: 47.594 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 77 Resp: 106988
Ion Ratio Lower Upper
77 100
97 24.7 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 47.370 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

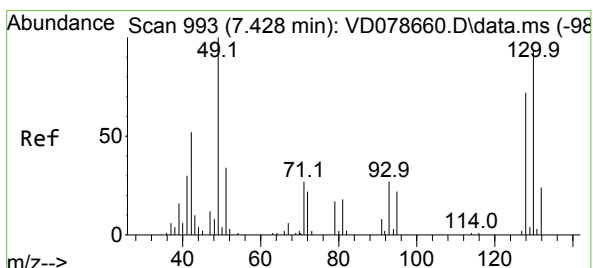
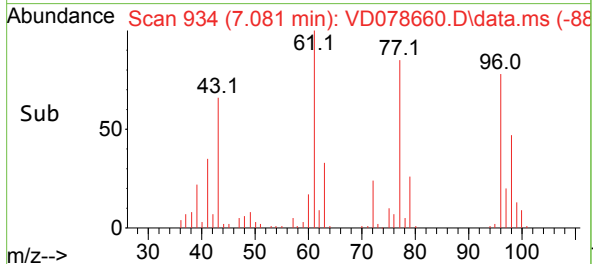
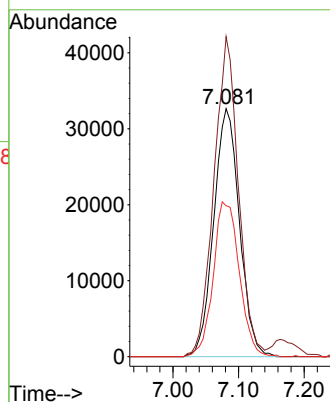
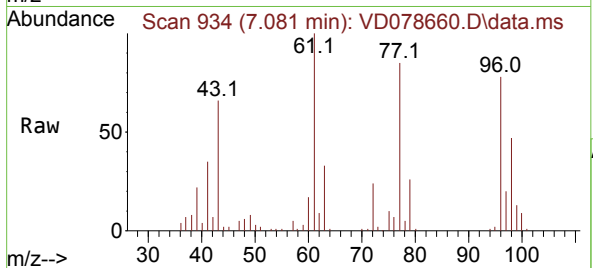
Tgt Ion: 96 Resp: 89057

Ion Ratio Lower Upper

96 100

61 122.5 0.0 245.0

98 63.3 0.0 126.6



#28

Bromochloromethane

Concen: 55.666 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

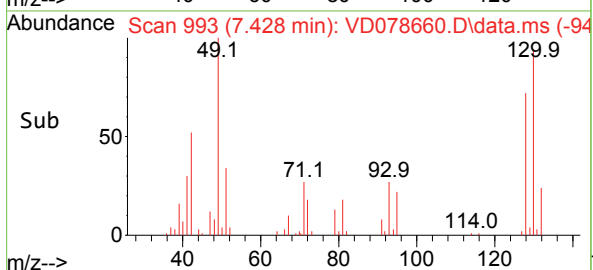
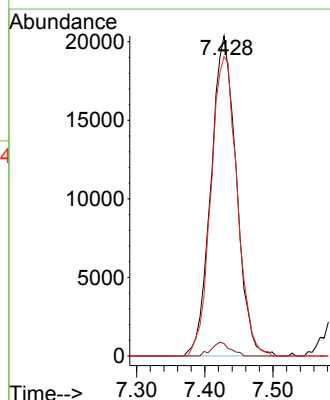
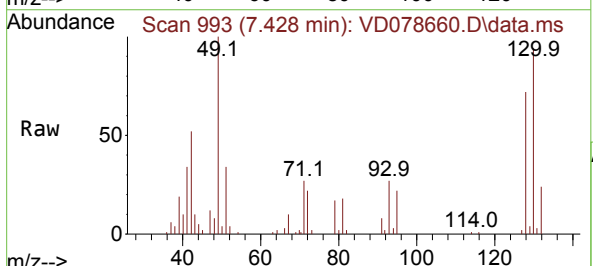
Tgt Ion: 49 Resp: 52730

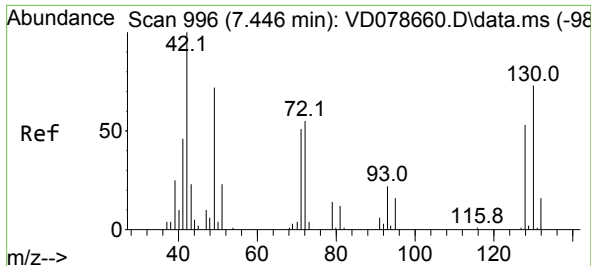
Ion Ratio Lower Upper

49 100

129 3.1 0.0 6.2

130 96.4 77.1 115.7





#29

Tetrahydrofuran

Concen: 256.274 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

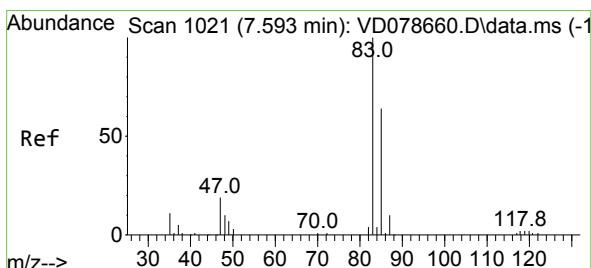
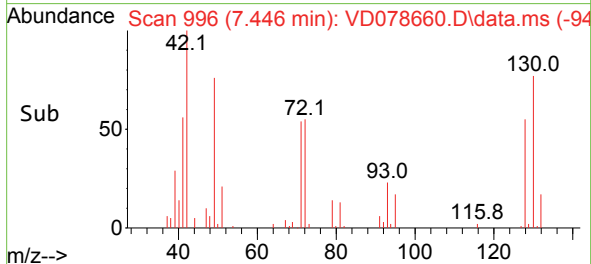
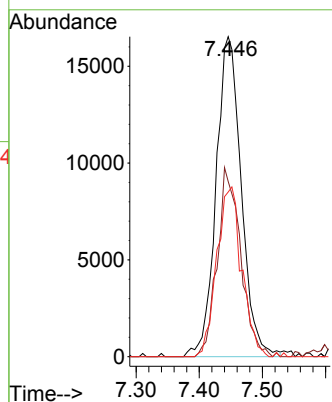
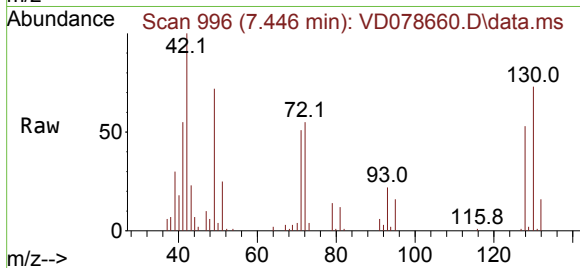
Tgt Ion: 42 Resp: 45852

Ion Ratio Lower Upper

42 100

72 54.7 43.8 65.6

71 52.5 42.0 63.0



#30

Chloroform

Concen: 46.466 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078660.D

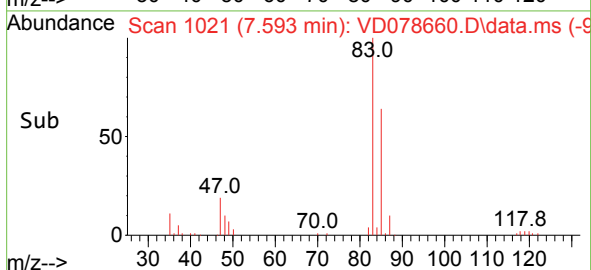
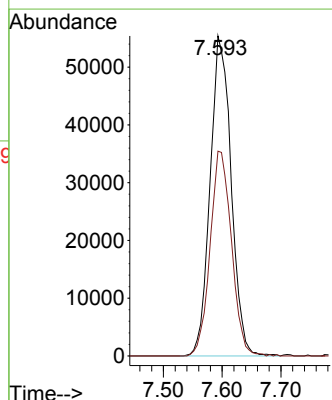
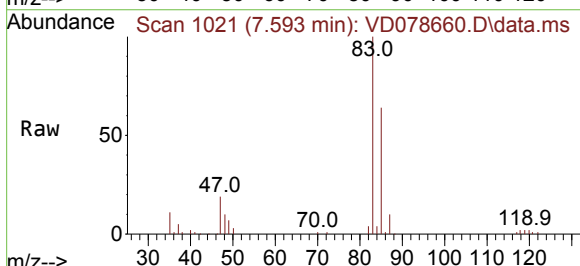
Acq: 14 Mar 2024 11:22

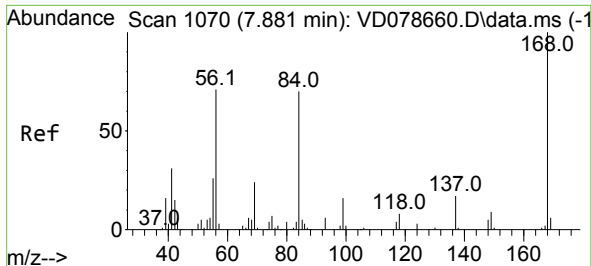
Tgt Ion: 83 Resp: 137652

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

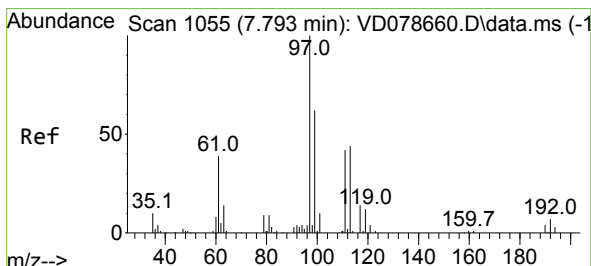
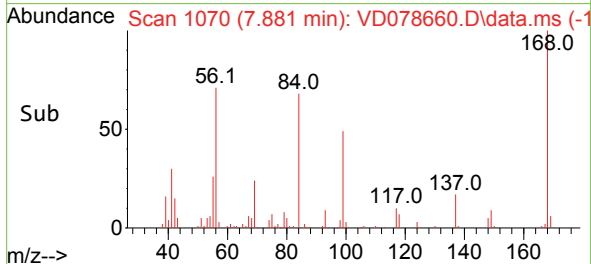
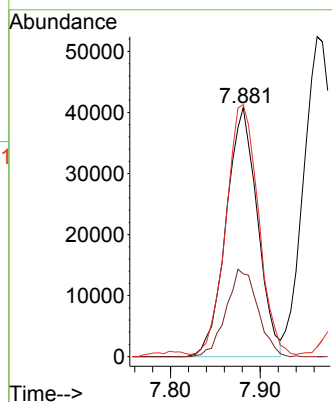
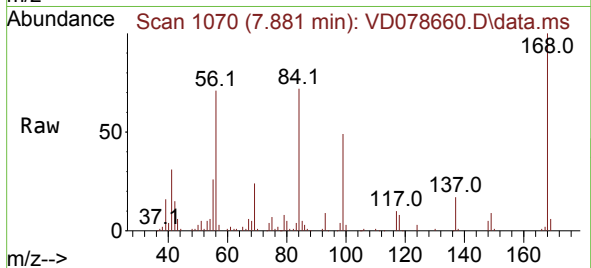




#31
Cyclohexane
Concen: 46.044 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

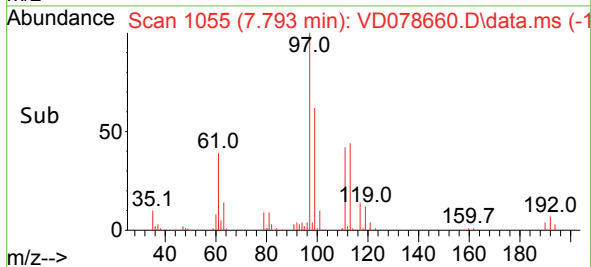
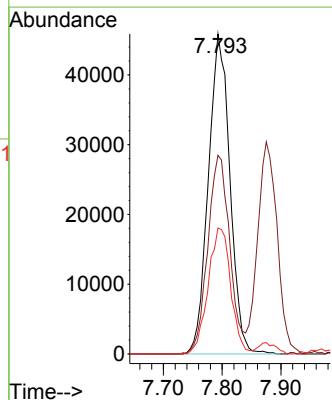
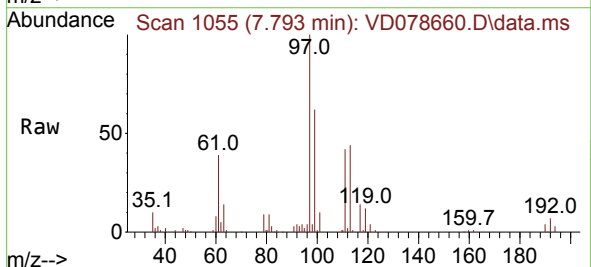
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

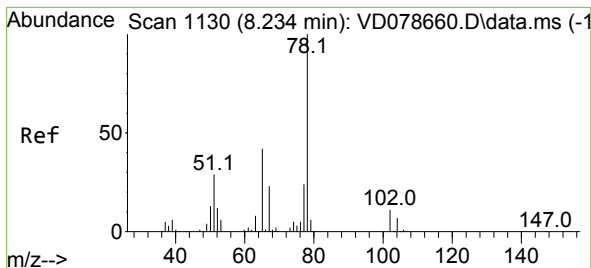
Tgt Ion: 56 Resp: 99023
Ion Ratio Lower Upper
56 100
69 33.3 26.6 40.0
84 99.3 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 46.500 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 97 Resp: 116878
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 41.3 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 46.888 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

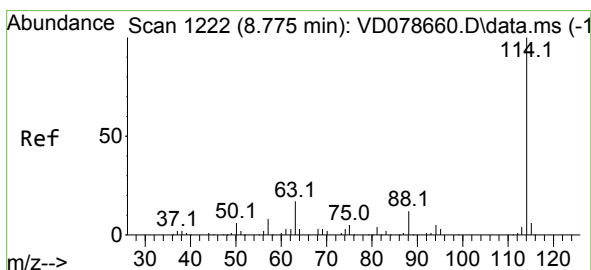
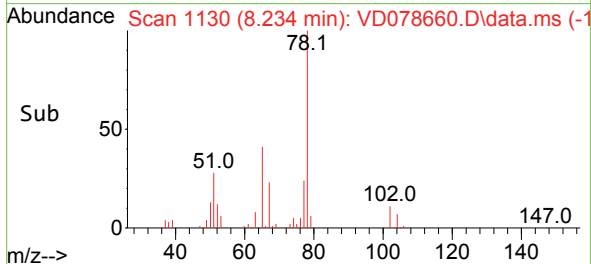
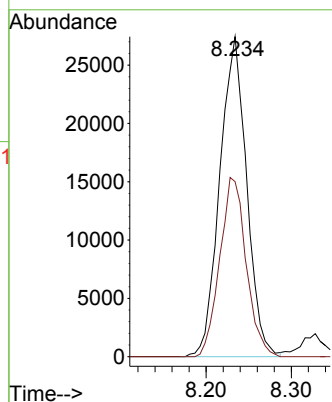
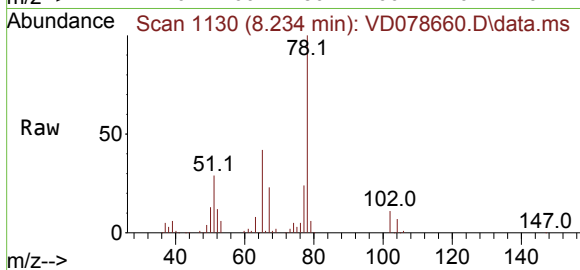
VSTDICCC050

Tgt Ion: 65 Resp: 59994

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

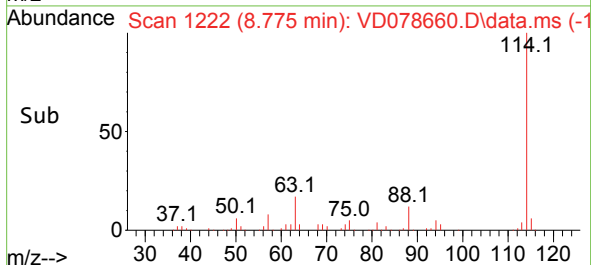
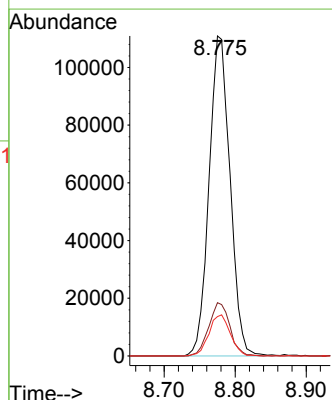
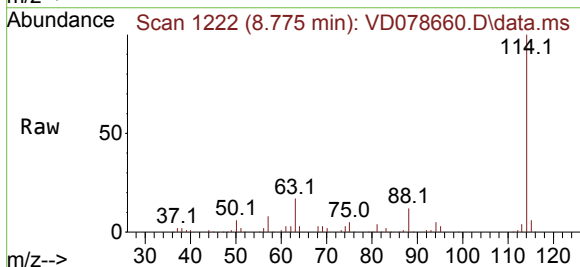
Tgt Ion: 114 Resp: 227720

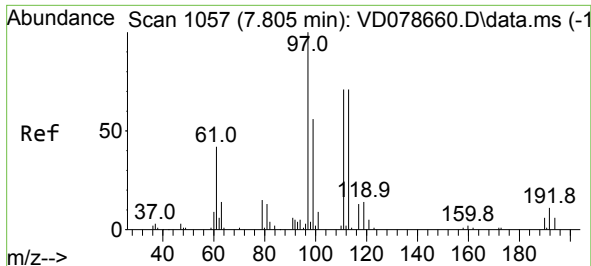
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 12.3 0.0 24.6

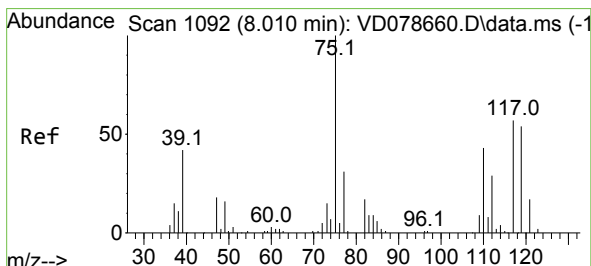
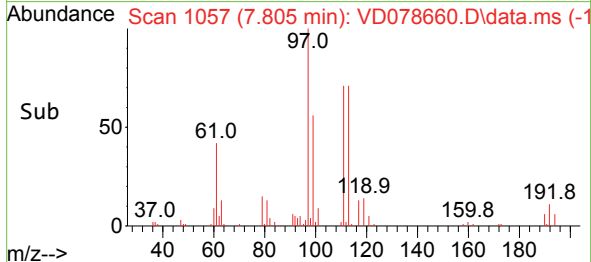
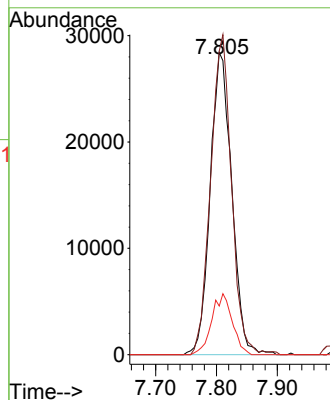
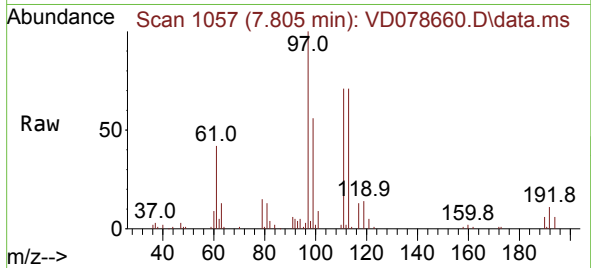




#35
Dibromofluoromethane
Concen: 47.694 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

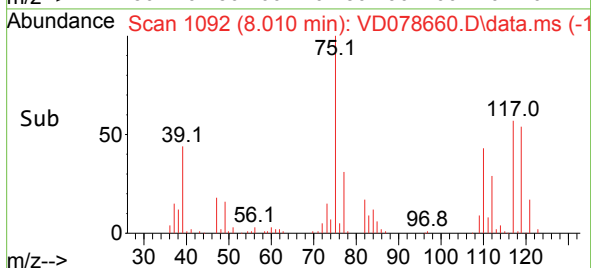
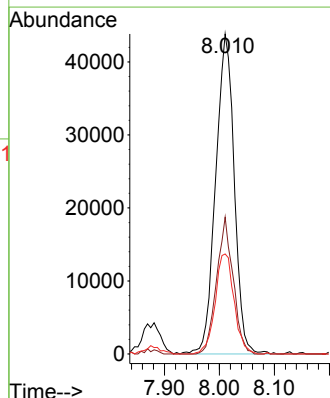
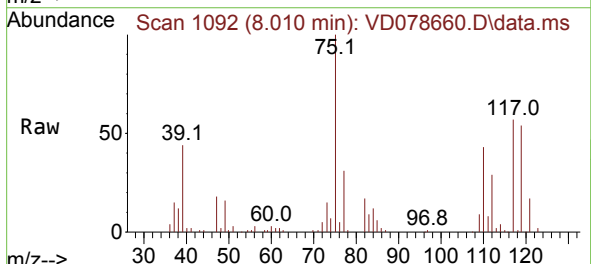
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

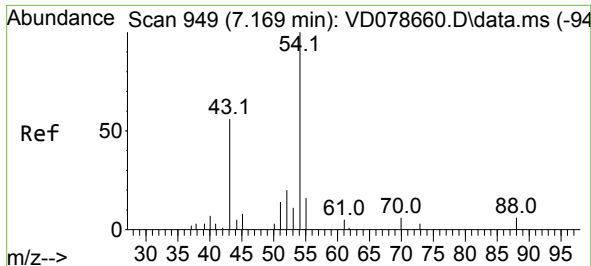
Tgt Ion:113 Resp: 69927
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 48.342 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 75 Resp: 102839
Ion Ratio Lower Upper
75 100
110 38.1 19.1 57.1
77 31.8 25.4 38.2

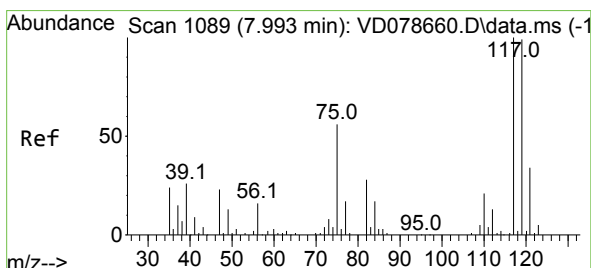
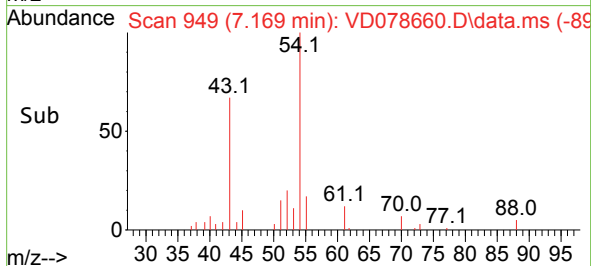
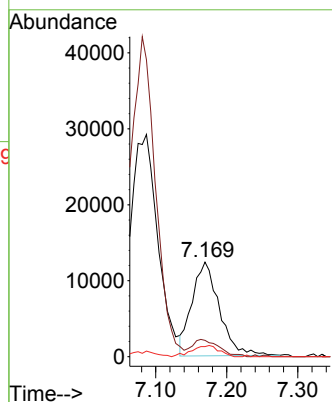
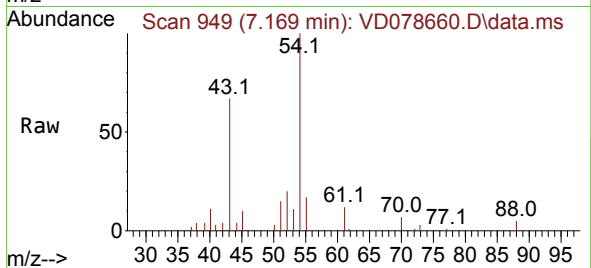




#37
Ethyl Acetate
Concen: 47.621 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

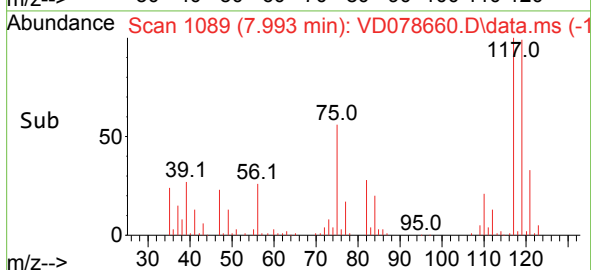
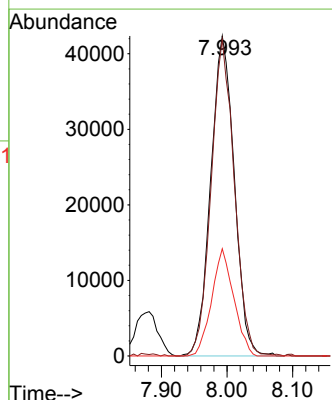
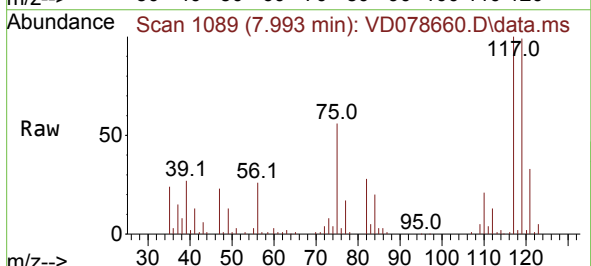
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

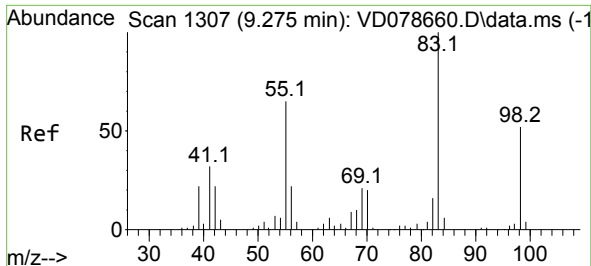
Tgt Ion:	43	Resp:	33095
Ion Ratio	Lower	Upper	
43	100		
61	18.2	14.6	21.8
70	11.7	9.4	14.0



#38
Carbon Tetrachloride
Concen: 47.073 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion:	117	Resp:	105571
Ion Ratio	Lower	Upper	
117	100		
119	99.0	79.2	118.8
121	33.5	26.8	40.2





#39

Methylcyclohexane

Concen: 49.842 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

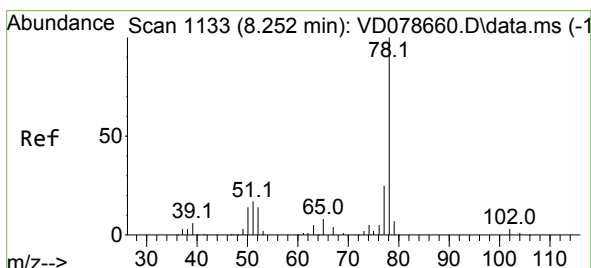
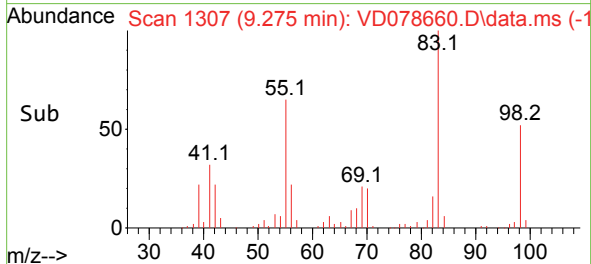
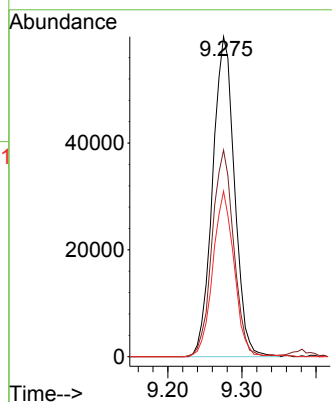
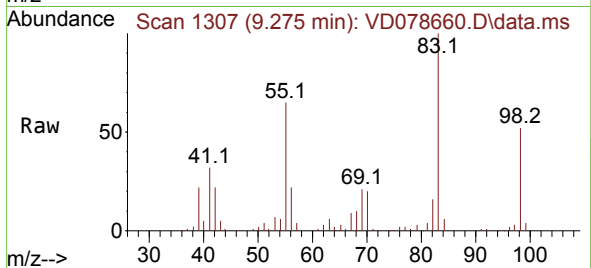
Tgt Ion: 83 Resp: 122997

Ion Ratio Lower Upper

83 100

55 64.6 51.7 77.5

98 51.7 41.4 62.0



#40

Benzene

Concen: 47.786 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078660.D

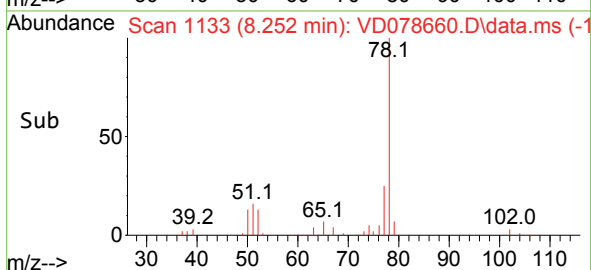
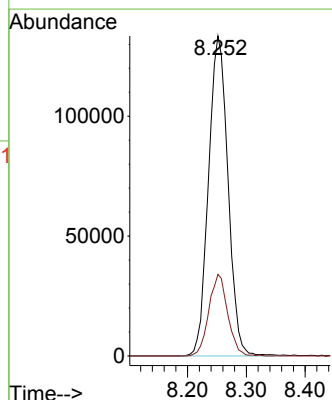
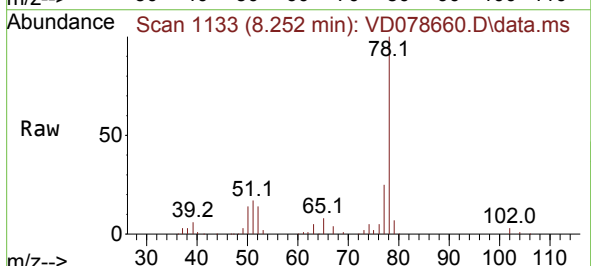
Acq: 14 Mar 2024 11:22

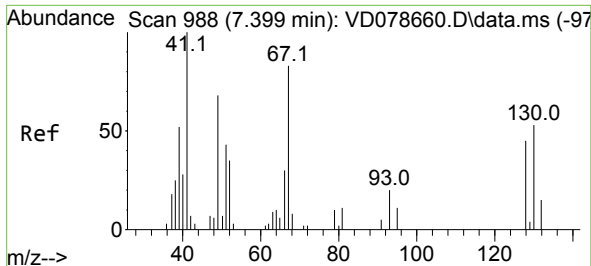
Tgt Ion: 78 Resp: 307294

Ion Ratio Lower Upper

78 100

77 25.5 20.4 30.6

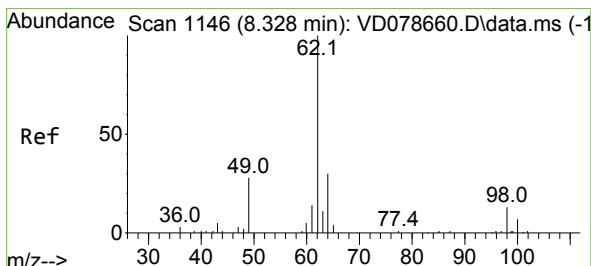
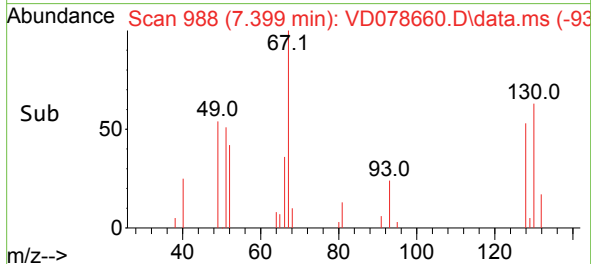
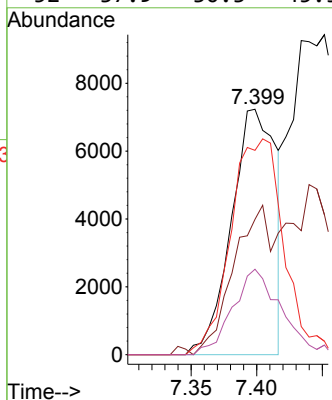
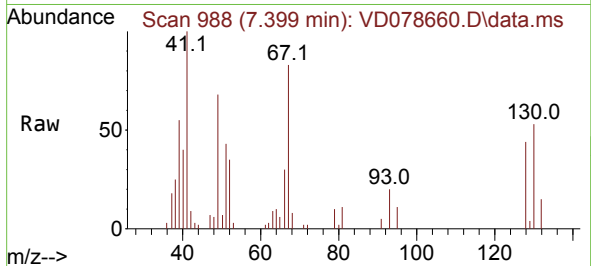




#41
Methacrylonitrile
Concen: 45.069 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

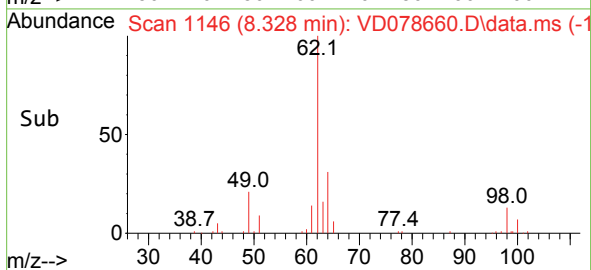
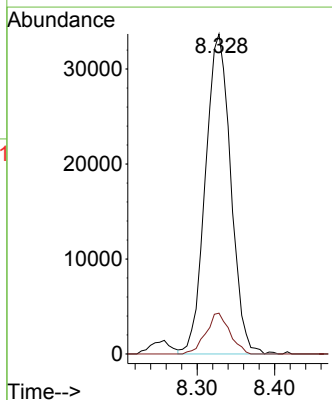
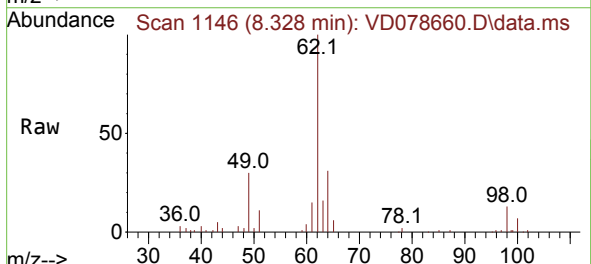
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

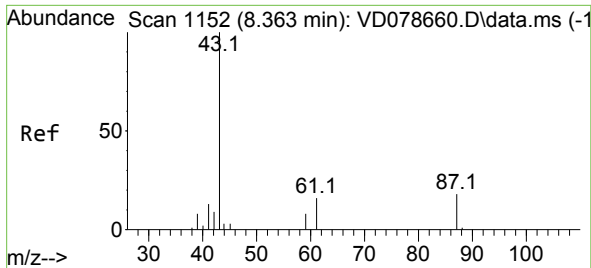
Tgt Ion:	41	Resp:	17059
Ion	Ratio	Lower	Upper
41	100		
39	49.7	39.8	59.6
67	104.4	83.5	125.3
52	37.9	30.3	45.5



#42
1,2-Dichloroethane
Concen: 48.745 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion:	62	Resp:	76443
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	23.8

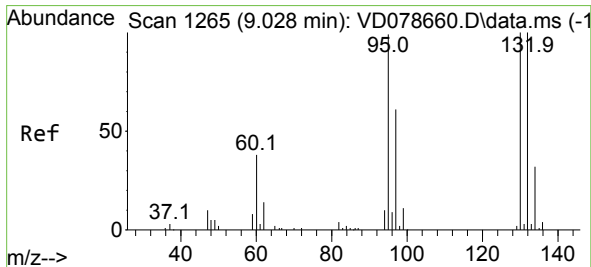
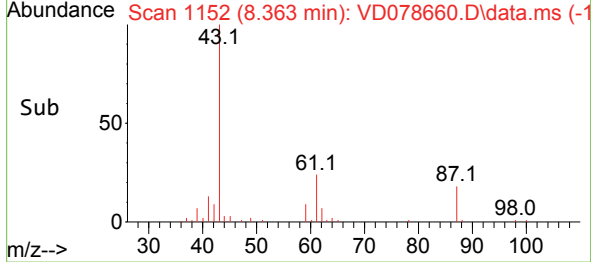
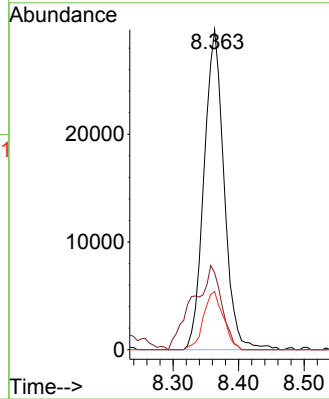
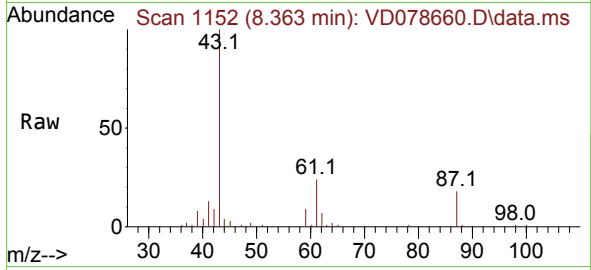




#43
Isopropyl Acetate
Concen: 50.085 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

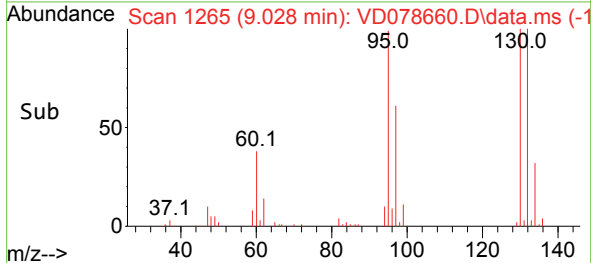
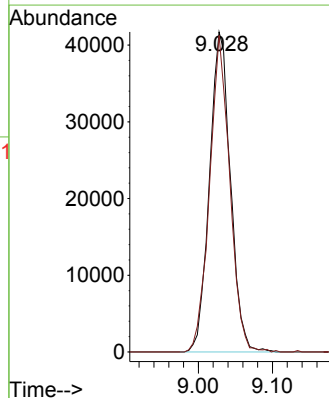
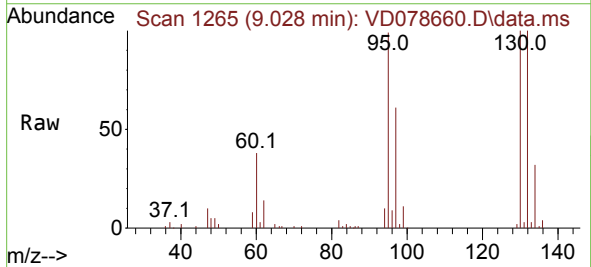
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

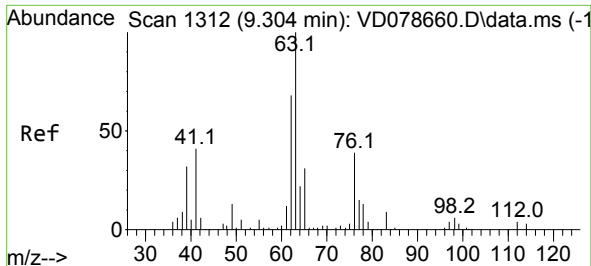
Tgt Ion:	43	Resp:	63301
Ion	Ratio	Lower	Upper
43	100		
61	37.6	30.1	45.1
87	18.0	14.4	21.6



#44
Trichloroethene
Concen: 46.992 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion:	130	Resp:	82009
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	197.8





#45

1,2-Dichloropropane

Concen: 47.844 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

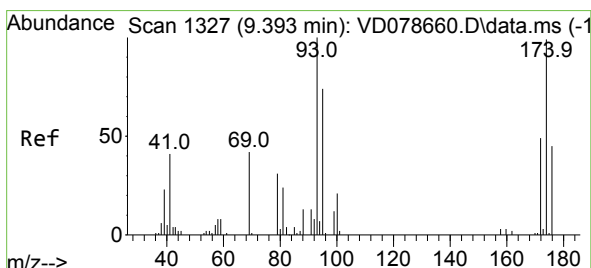
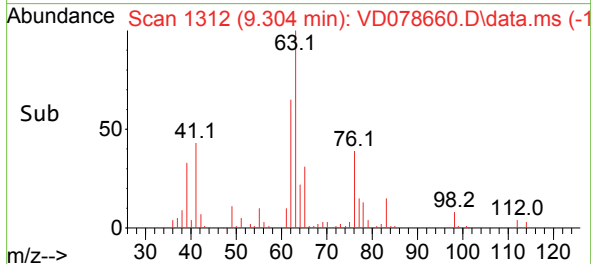
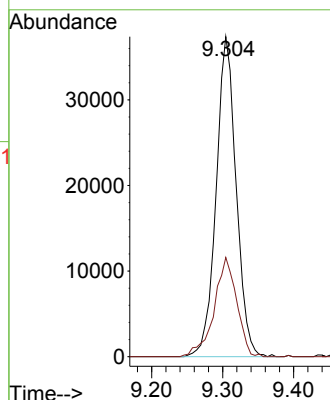
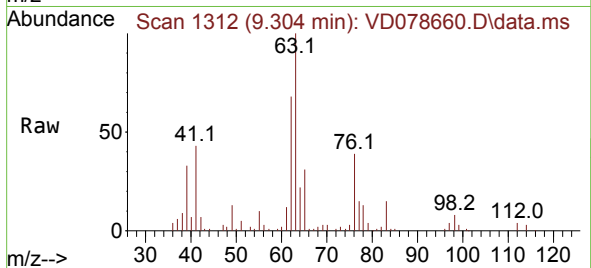
VSTDICCC050

Tgt Ion: 63 Resp: 72984

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 47.687 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

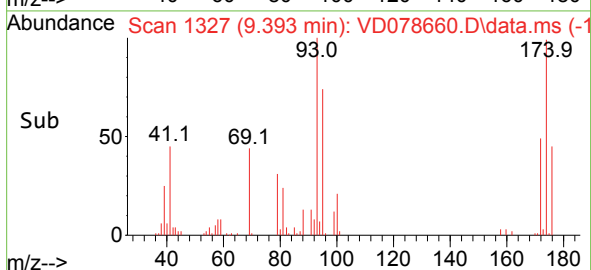
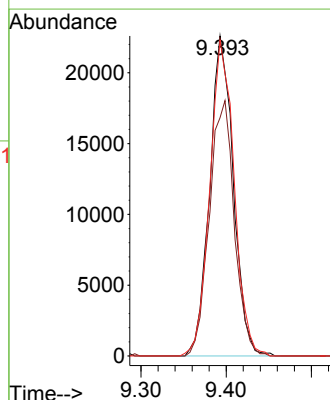
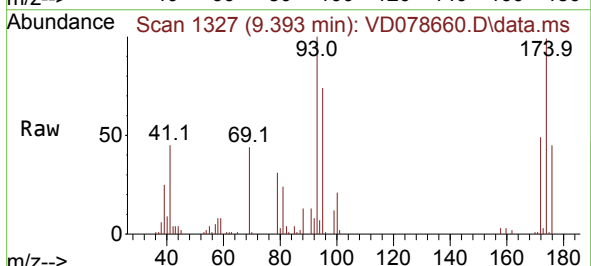
Tgt Ion: 93 Resp: 43607

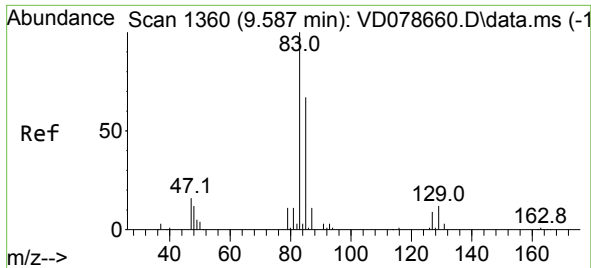
Ion Ratio Lower Upper

93 100

95 84.1 67.3 100.9

174 101.1 80.9 121.3

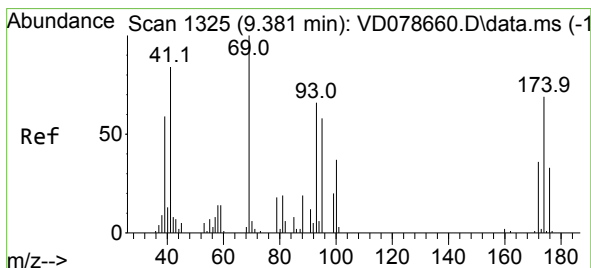
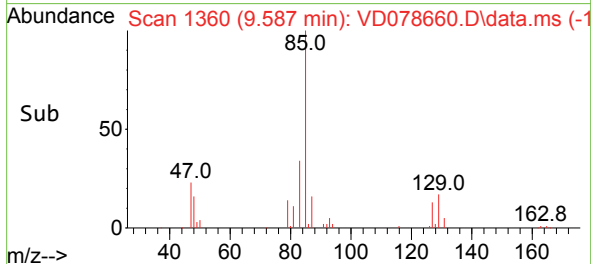
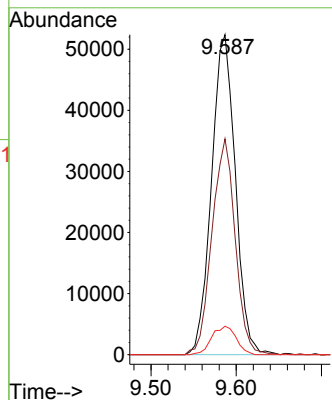
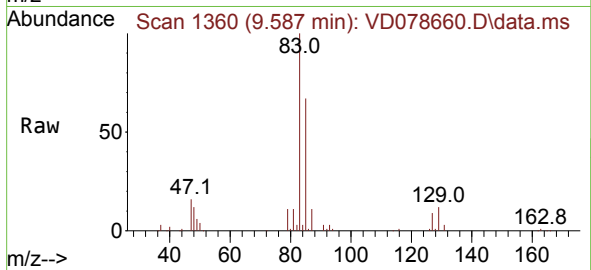




#47
Bromodichloromethane
Concen: 46.808 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

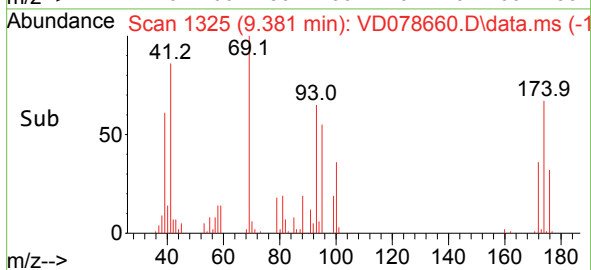
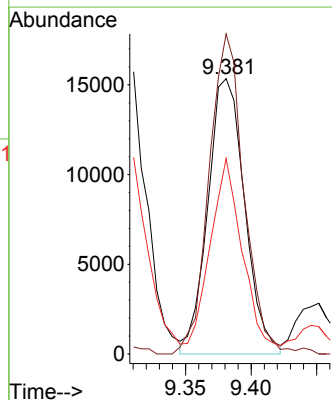
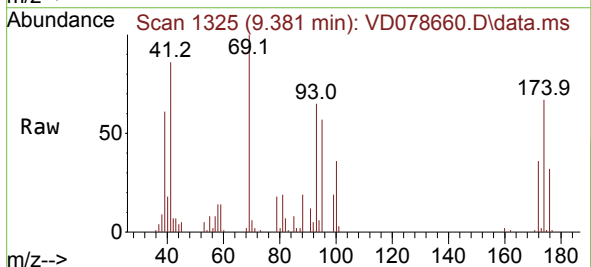
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

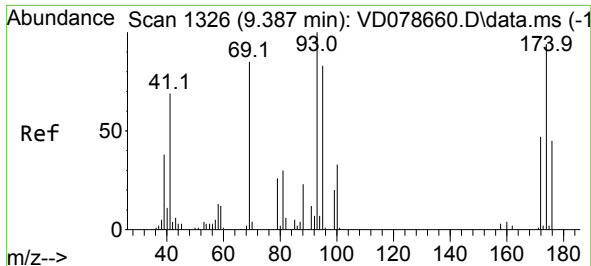
Tgt Ion: 83 Resp: 101896
Ion Ratio Lower Upper
83 100
85 67.5 54.0 81.0
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 48.650 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 41 Resp: 29960
Ion Ratio Lower Upper
41 100
69 110.4 88.3 132.5
39 58.2 46.6 69.8

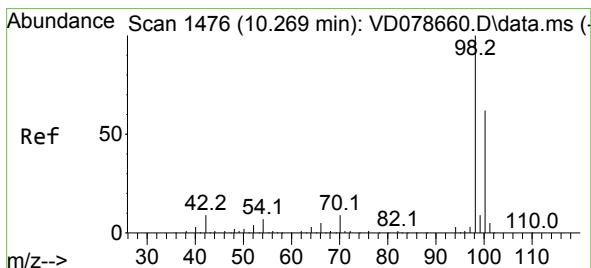
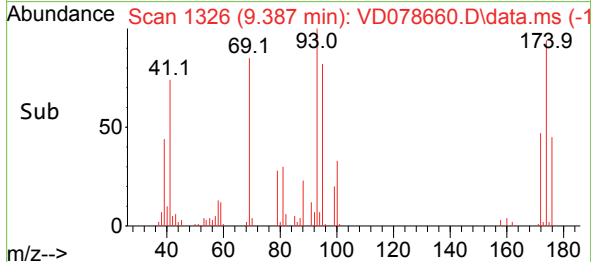
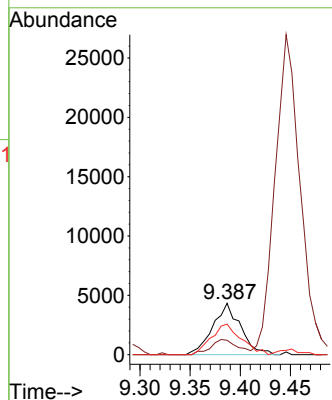
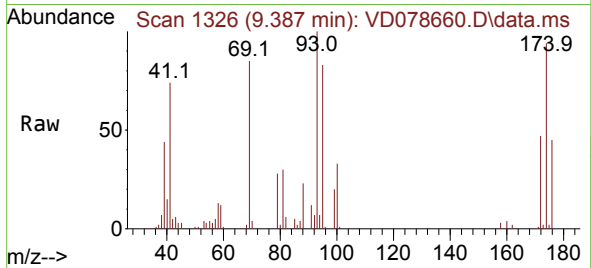




#49
1,4-Dioxane
Concen: 985.502 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

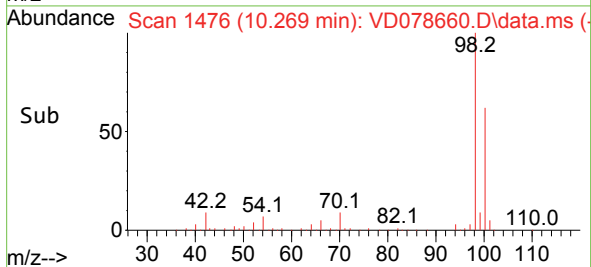
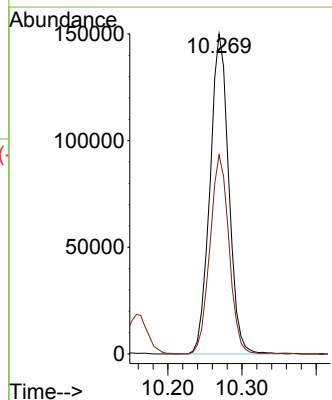
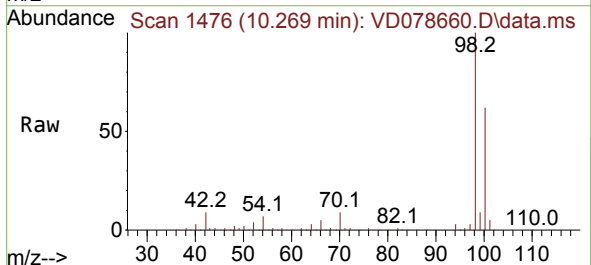
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

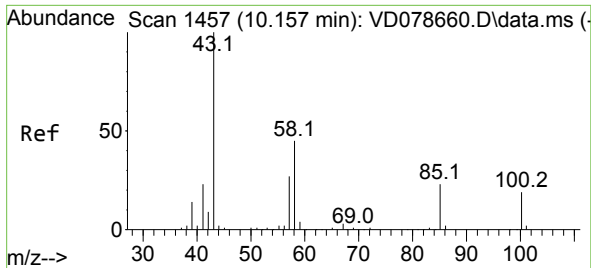
Tgt Ion: 88 Resp: 8344
Ion Ratio Lower Upper
88 100
43 29.0 23.2 34.8
58 63.8 51.0 76.6



#50
Toluene-d8
Concen: 48.980 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 98 Resp: 264105
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 254.163 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

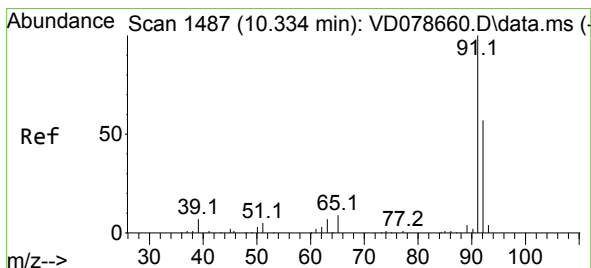
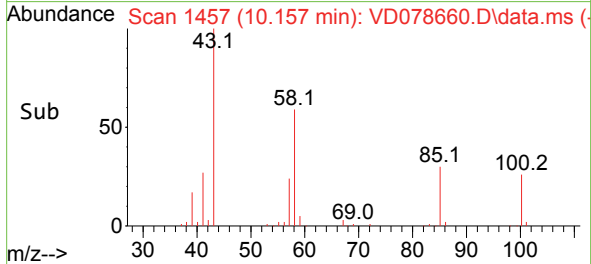
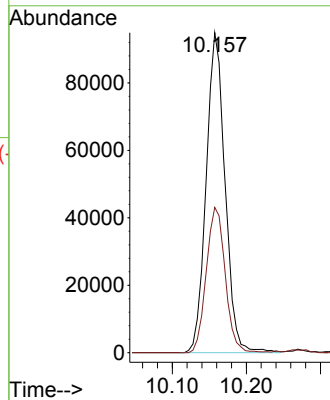
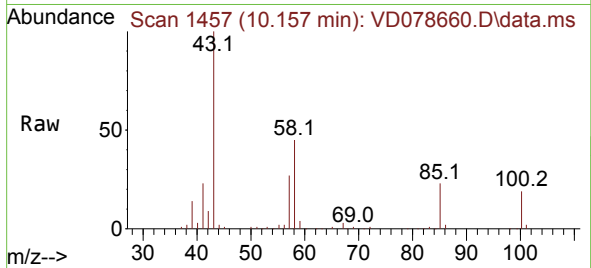
VSTDICCC050

Tgt Ion: 43 Resp: 167936

Ion Ratio Lower Upper

43 100

58 45.5 36.4 54.6



#52

Toluene

Concen: 49.565 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078660.D

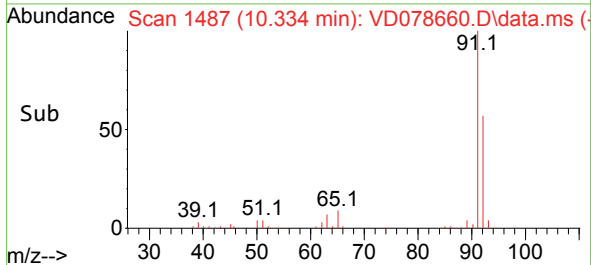
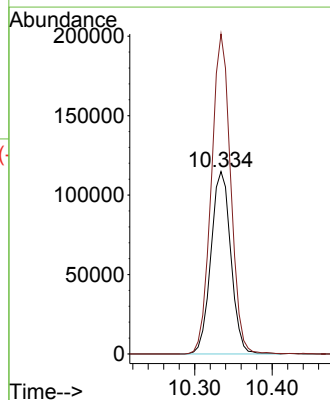
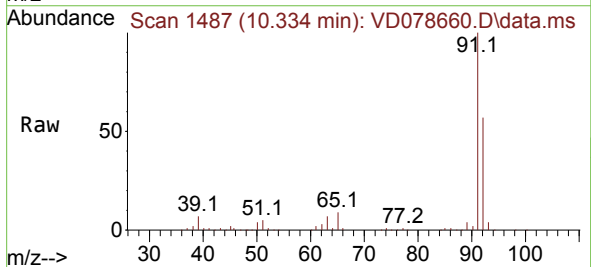
Acq: 14 Mar 2024 11:22

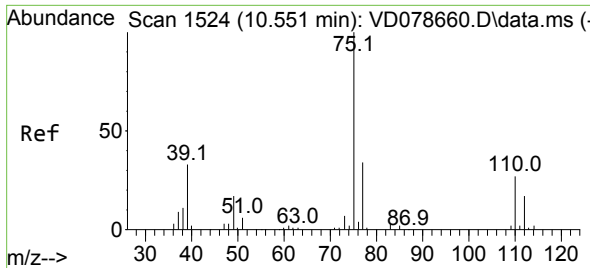
Tgt Ion: 92 Resp: 205205

Ion Ratio Lower Upper

92 100

91 170.8 136.6 205.0

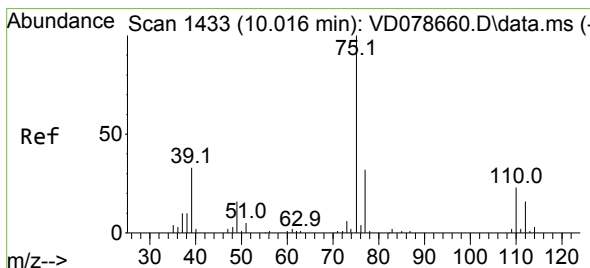
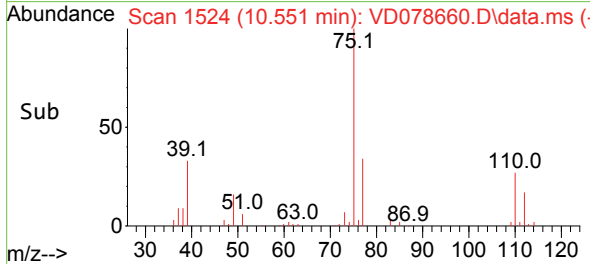
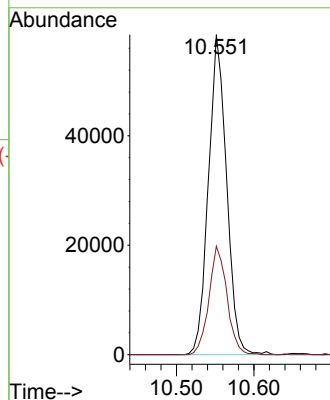
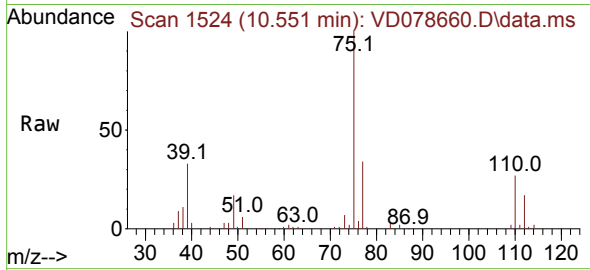




#53
t-1,3-Dichloropropene
Concen: 47.976 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

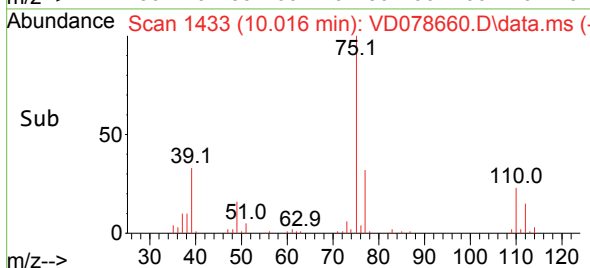
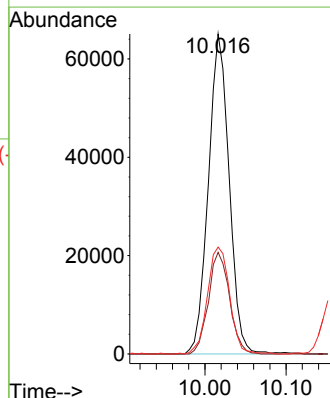
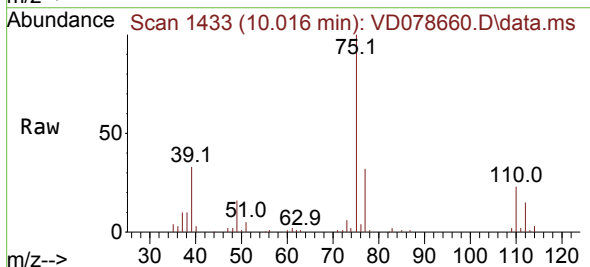
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

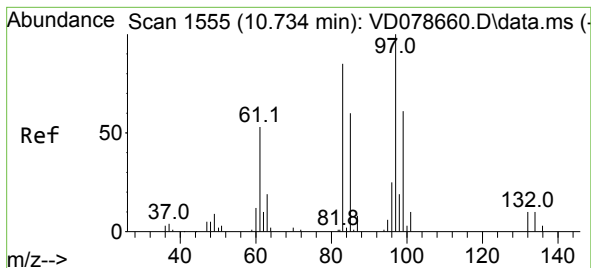
Tgt Ion: 75 Resp: 95490
Ion Ratio Lower Upper
75 100
77 33.9 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 48.312 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 75 Resp: 115596
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 33.4 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 47.546 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 58222

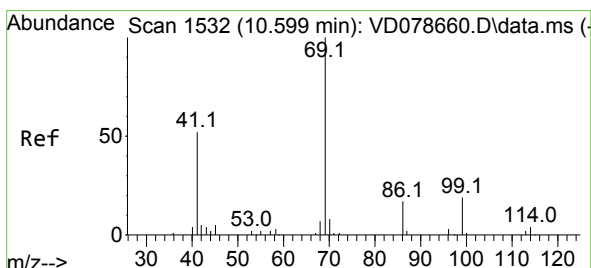
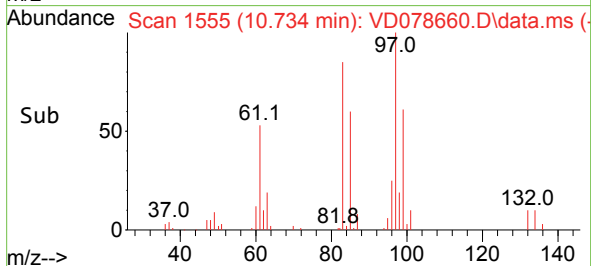
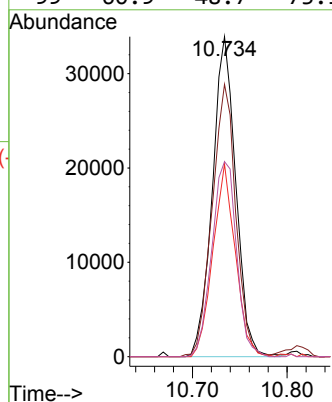
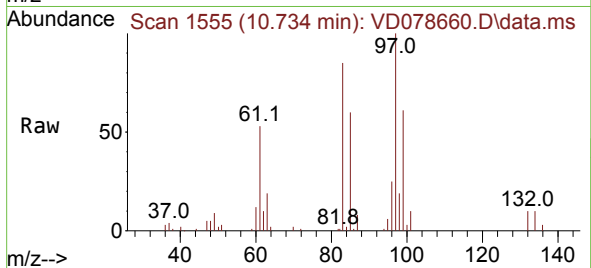
Ion Ratio Lower Upper

97 100

83 85.1 68.1 102.1

85 60.2 48.2 72.2

99 60.9 48.7 73.1



#56

Ethyl methacrylate

Concen: 51.477 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

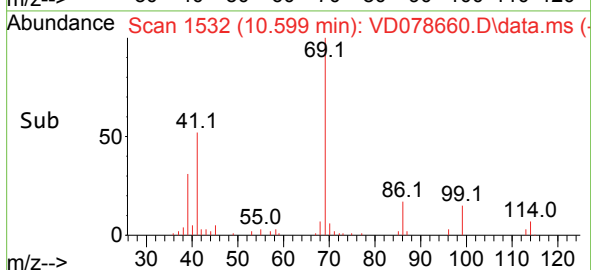
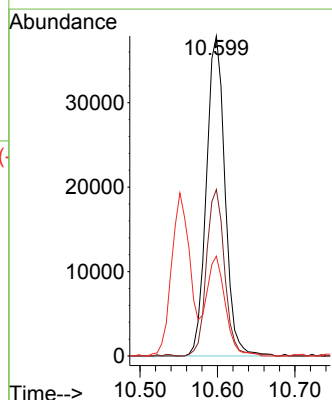
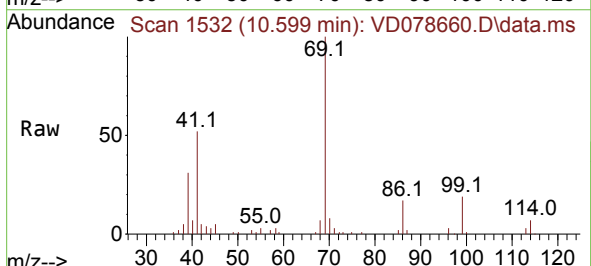
Tgt Ion: 69 Resp: 63192

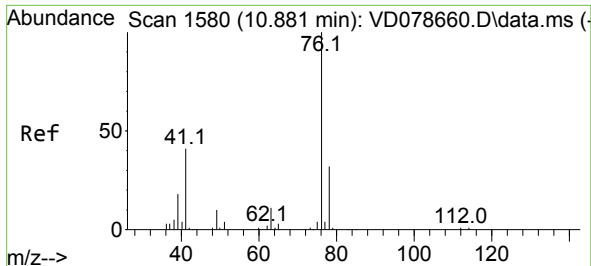
Ion Ratio Lower Upper

69 100

41 51.1 40.9 61.3

39 31.9 25.5 38.3





#57

1,3-Dichloropropane

Concen: 48.207 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

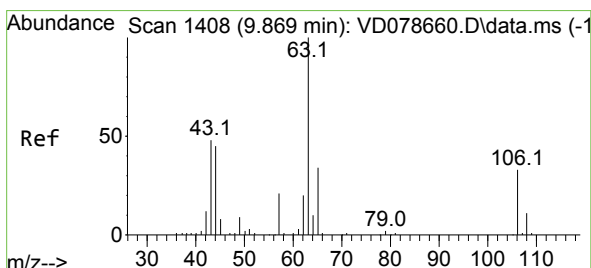
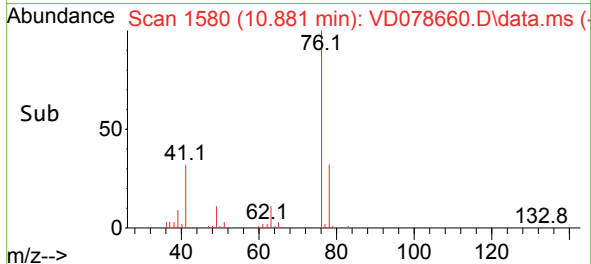
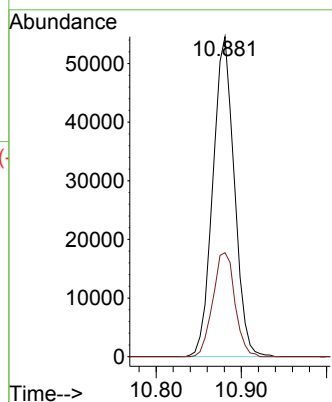
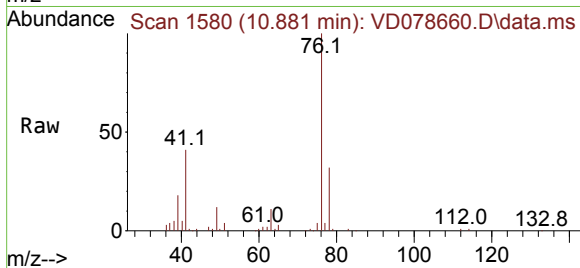
VSTDICCC050

Tgt Ion: 76 Resp: 95253

Ion Ratio Lower Upper

76 100

78 33.5 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 261.142 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078660.D

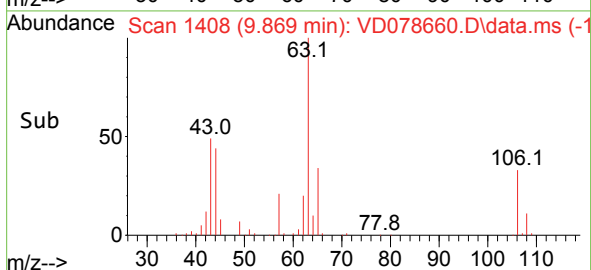
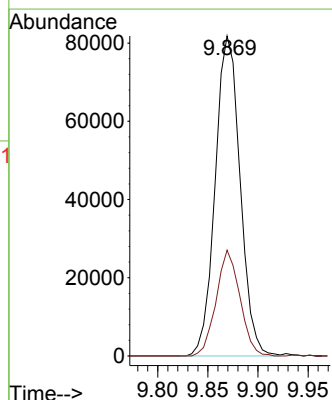
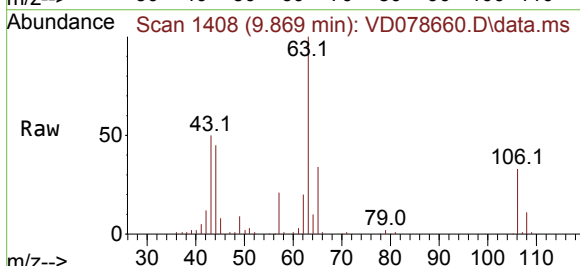
Acq: 14 Mar 2024 11:22

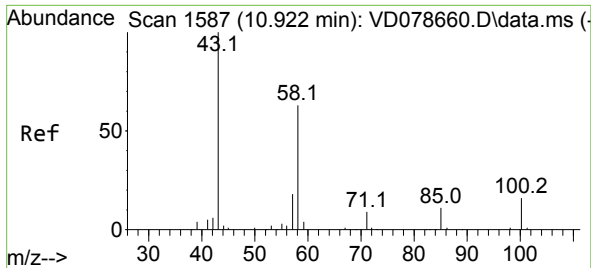
Tgt Ion: 63 Resp: 141354

Ion Ratio Lower Upper

63 100

106 31.5 25.2 37.8

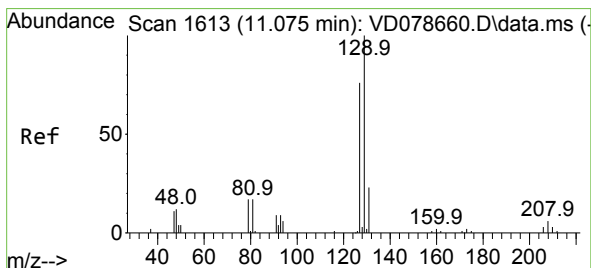
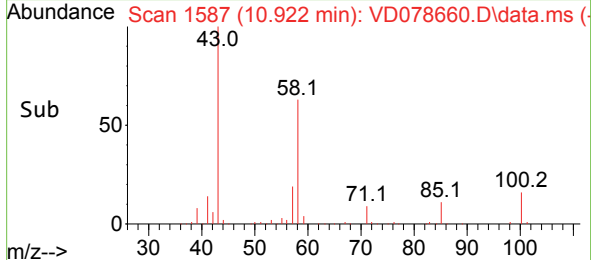
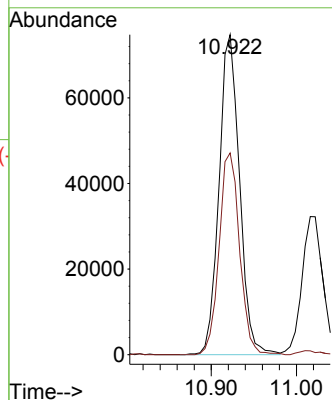
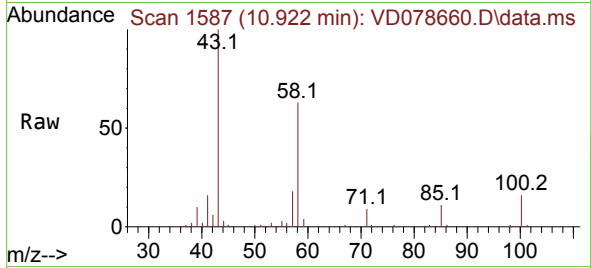




#59
2-Hexanone
Concen: 254.654 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

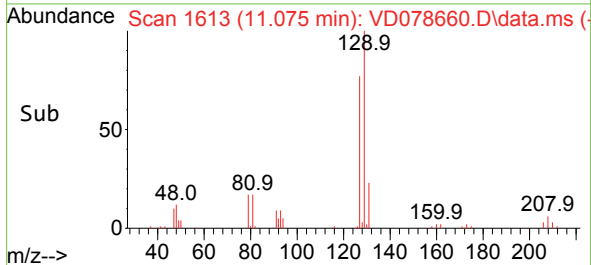
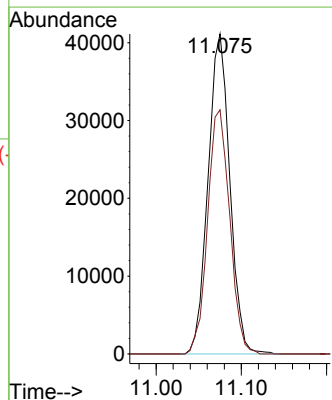
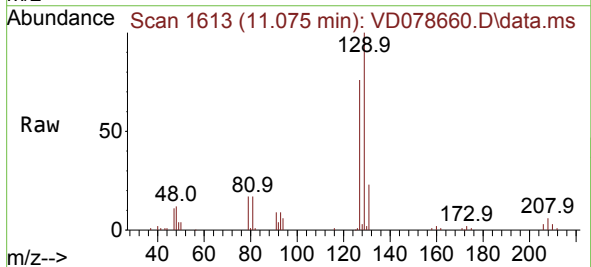
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

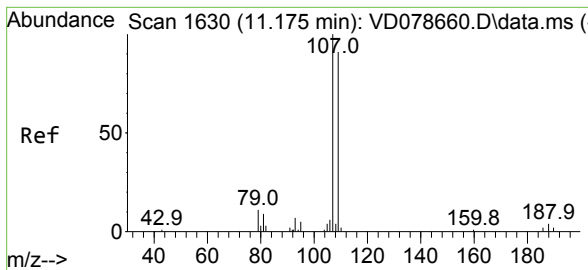
Tgt Ion: 43 Resp: 124733
Ion Ratio Lower Upper
43 100
58 63.0 31.5 94.5



#60
Dibromochloromethane
Concen: 48.369 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 129 Resp: 73044
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3

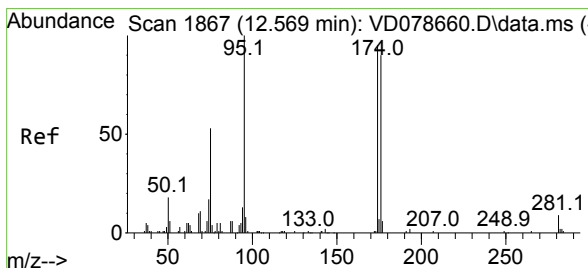
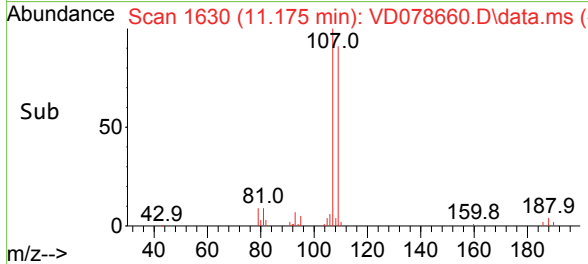
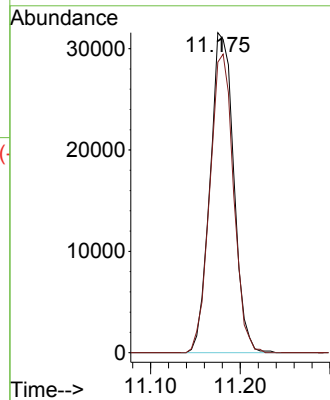
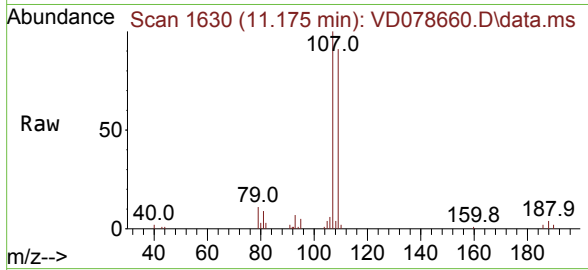




#61
1,2-Dibromoethane
Concen: 48.764 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

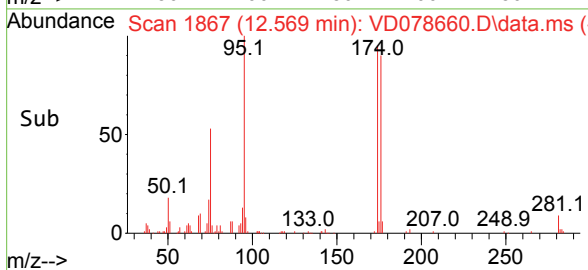
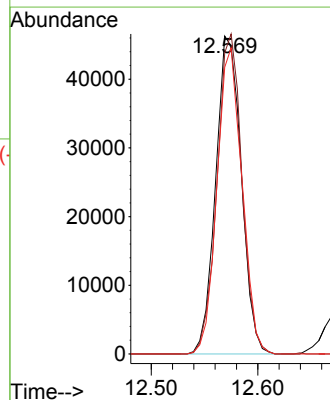
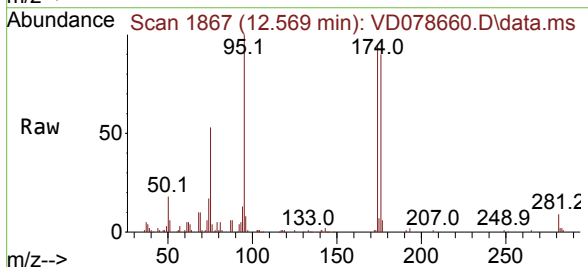
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

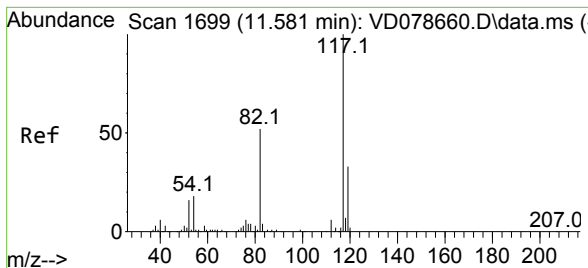
Tgt Ion:107 Resp: 57789
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 48.893 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 95 Resp: 77128
Ion Ratio Lower Upper
95 100
174 97.6 0.0 195.2
176 94.1 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

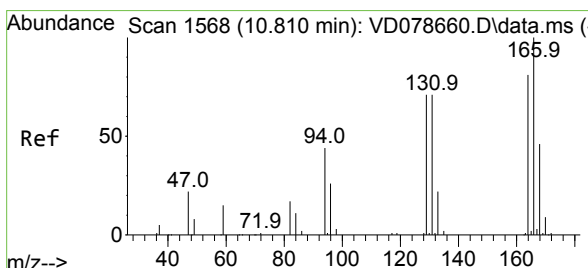
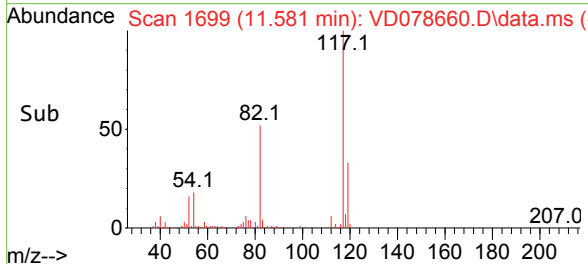
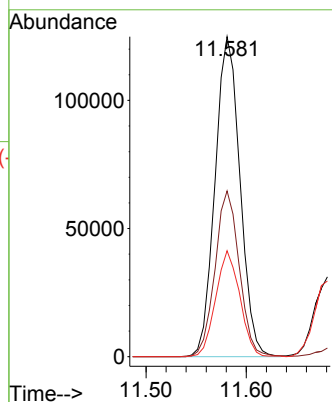
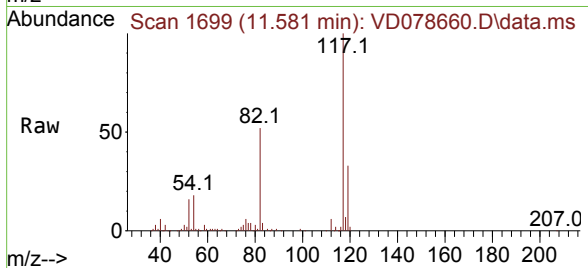
Tgt Ion:117 Resp: 215190

Ion Ratio Lower Upper

117 100

82 51.8 41.4 62.2

119 33.1 26.5 39.7



#64

Tetrachloroethene

Concen: 48.796 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Tgt Ion:164 Resp: 69488

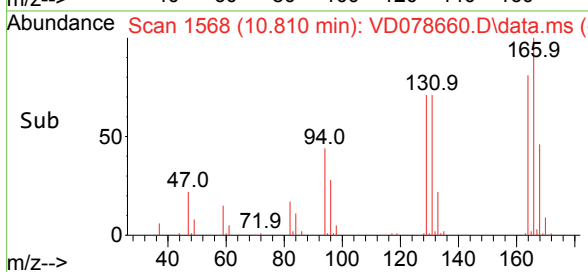
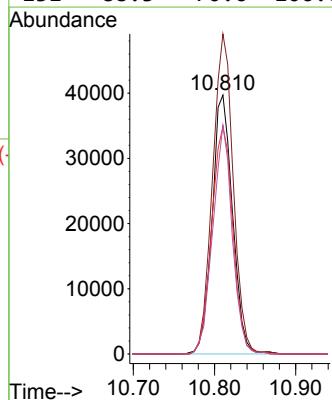
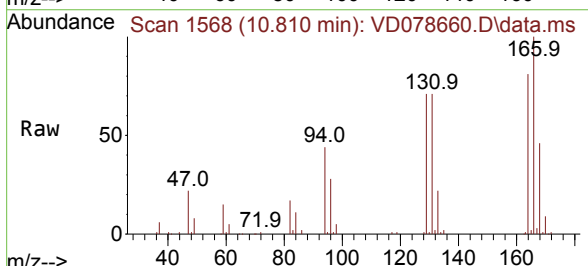
Ion Ratio Lower Upper

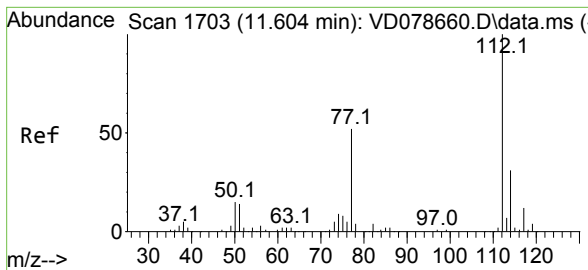
164 100

166 123.6 98.9 148.3

129 87.9 70.3 105.5

131 88.3 70.6 106.0

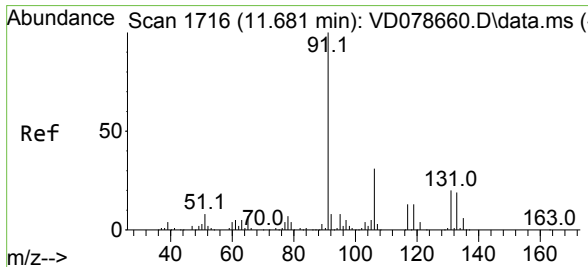
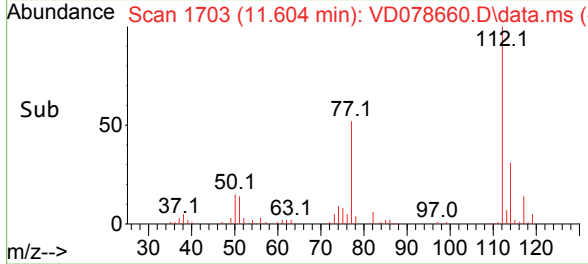
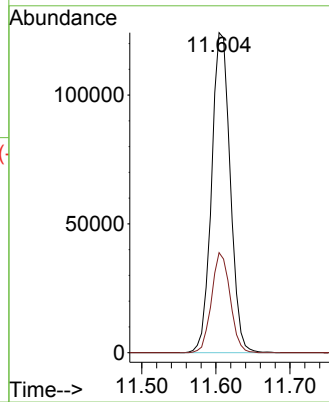
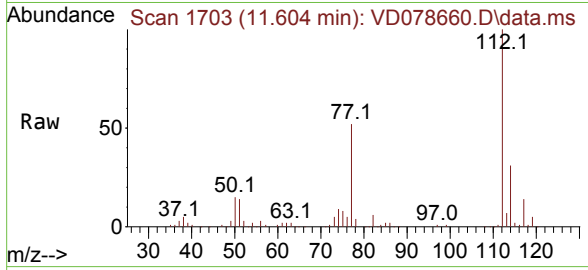




#65
Chlorobenzene
Concen: 48.293 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

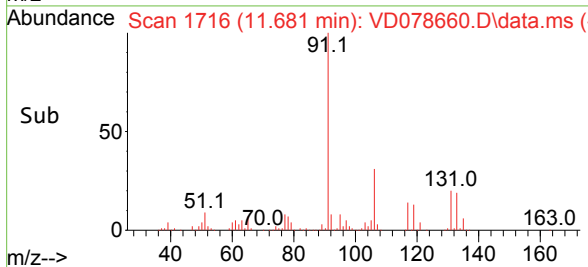
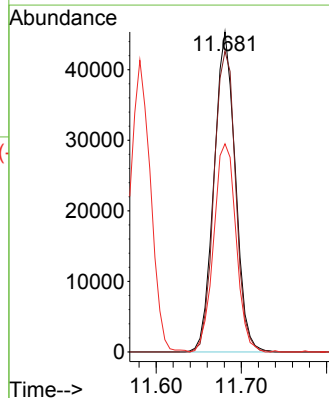
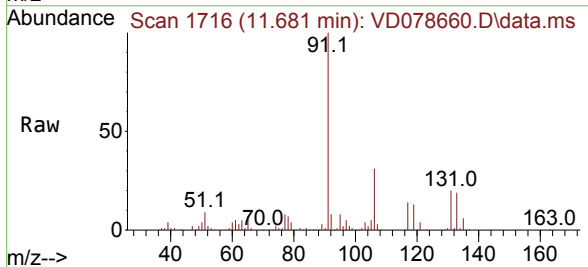
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

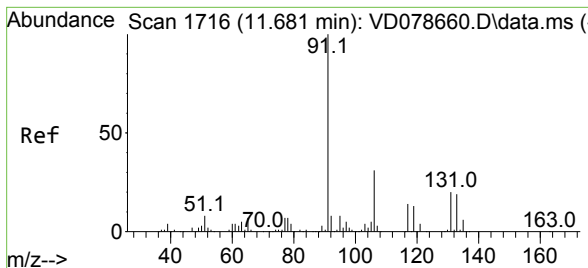
Tgt Ion:112 Resp: 217164
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.009 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion:131 Resp: 79064
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 68.2 34.1 102.3





#67

Ethyl Benzene

Concen: 49.480 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

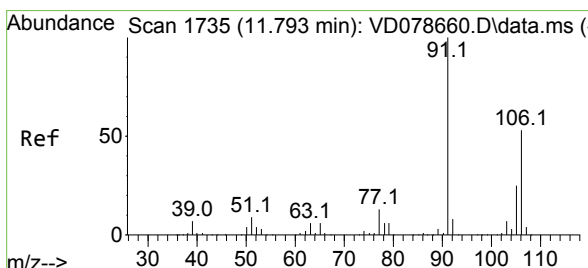
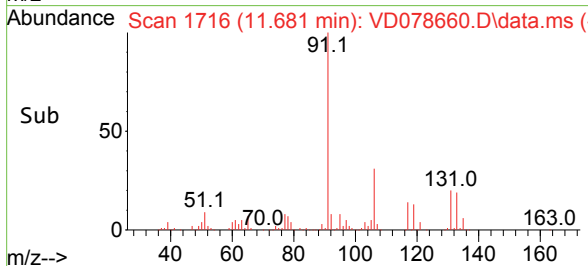
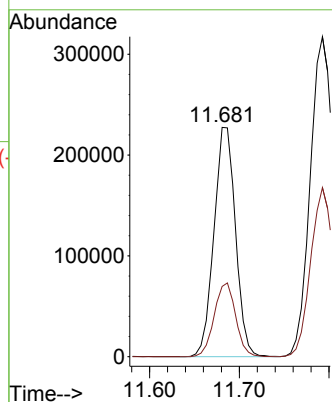
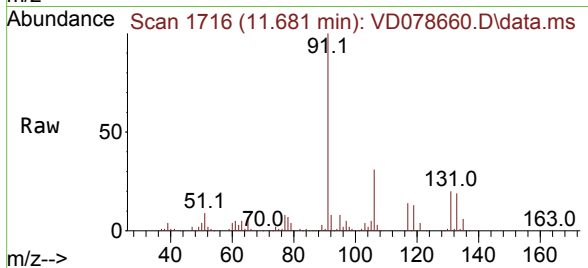
VSTDICCC050

Tgt Ion: 91 Resp: 379159

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 98.243 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078660.D

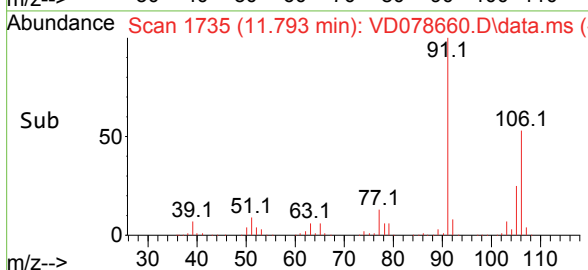
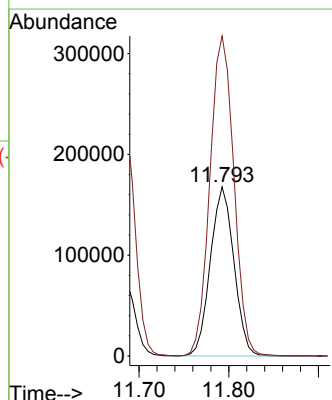
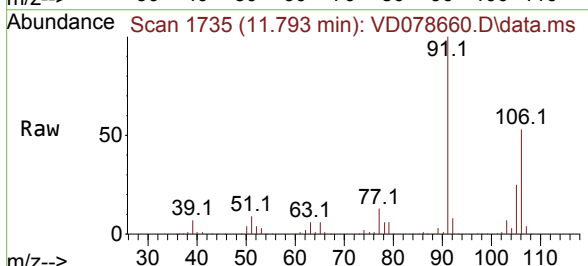
Acq: 14 Mar 2024 11:22

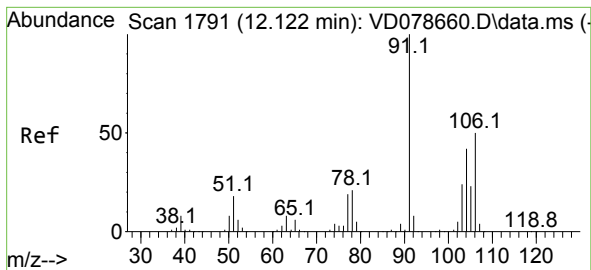
Tgt Ion:106 Resp: 305697

Ion Ratio Lower Upper

106 100

91 193.0 154.4 231.6

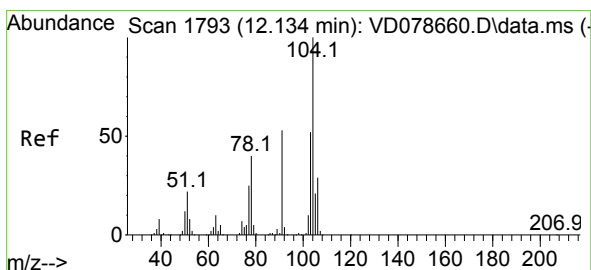
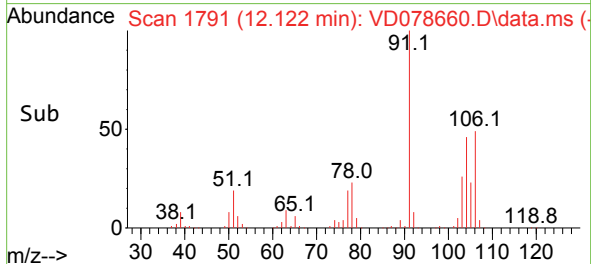
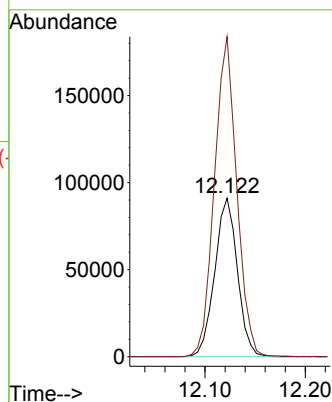
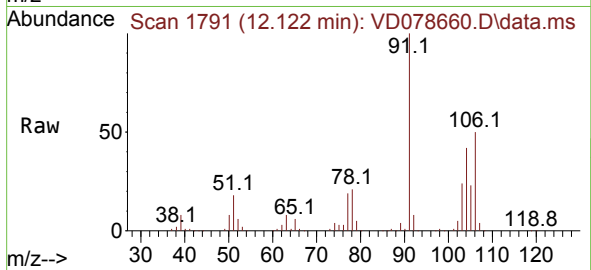




#69
o-Xylene
Concen: 49.482 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

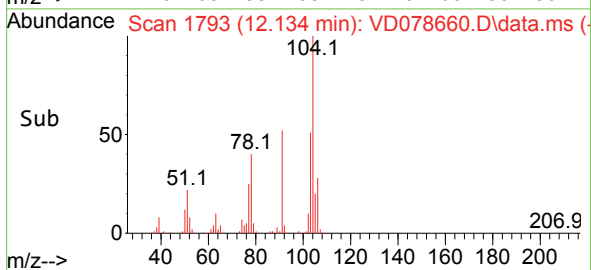
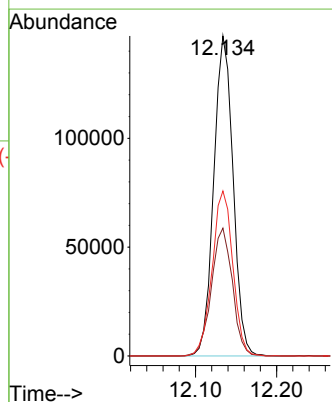
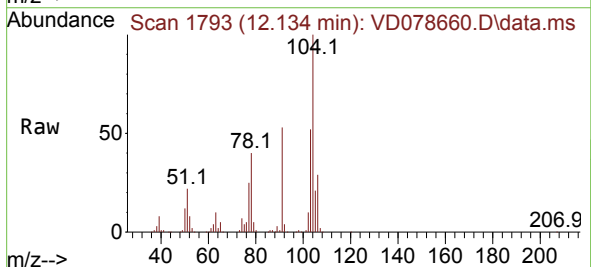
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

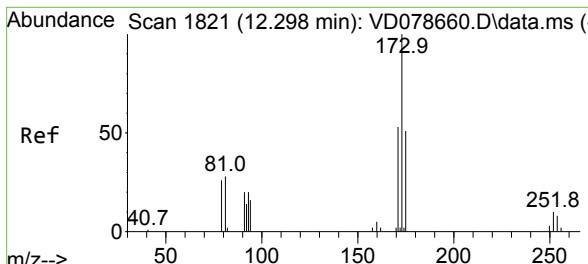
Tgt Ion:106 Resp: 142459
Ion Ratio Lower Upper
106 100
91 199.1 99.6 298.7



#70
Styrene
Concen: 50.368 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion:104 Resp: 243390
Ion Ratio Lower Upper
104 100
78 43.3 34.6 52.0
103 55.2 44.2 66.2

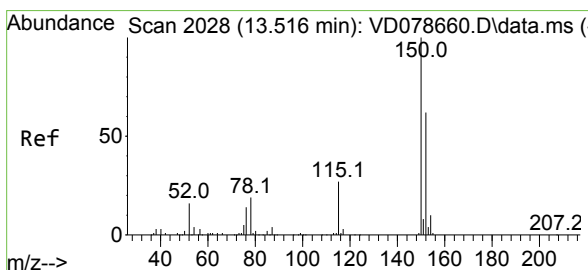
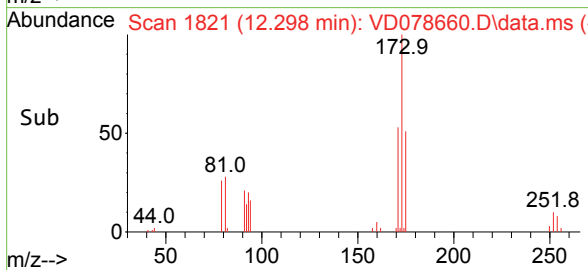
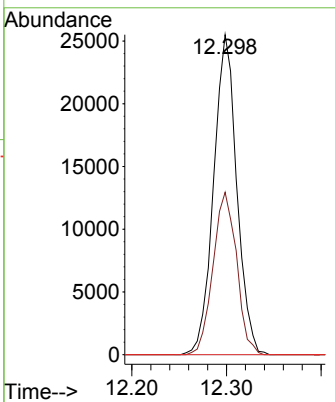
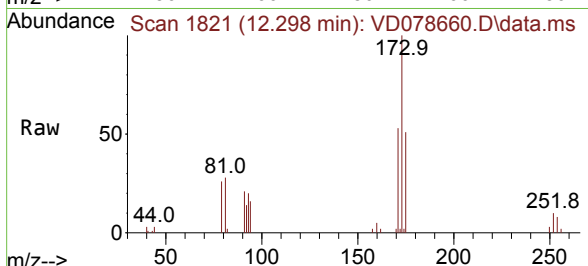




#71
 Bromoform
 Concen: 48.753 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

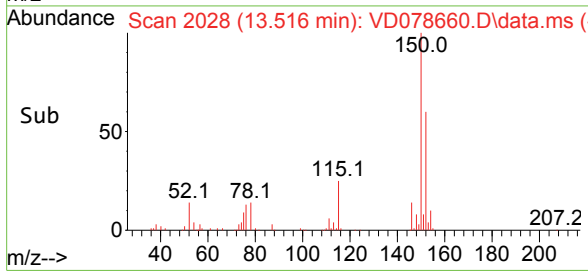
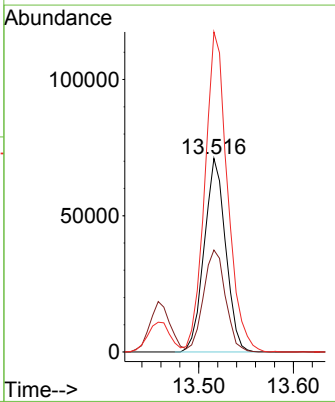
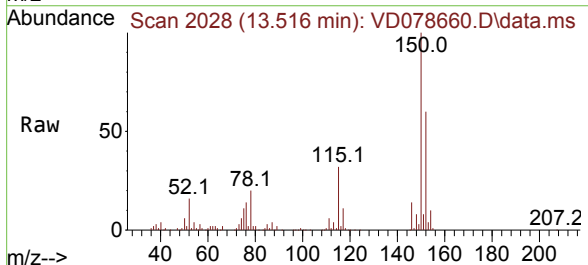
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

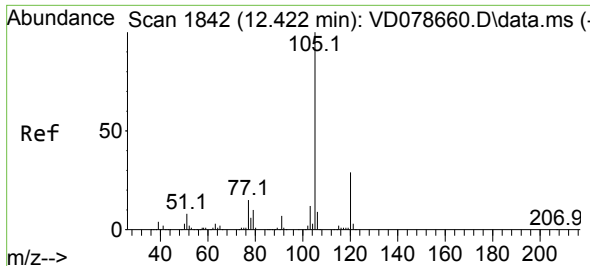
Tgt Ion:	173	Resp:	43390
Ion Ratio	Lower	Upper	
173	100		
175	51.6	25.8	77.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

Tgt Ion:	152	Resp:	111978
Ion Ratio	Lower	Upper	
152	100		
115	54.1	27.1	81.2
150	175.1	0.0	350.2

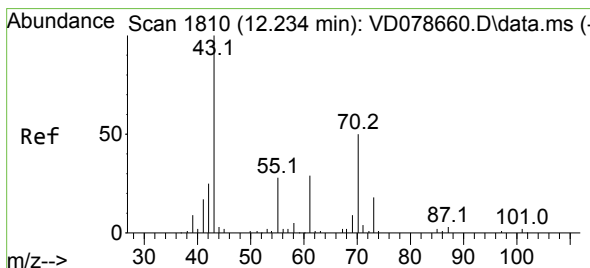
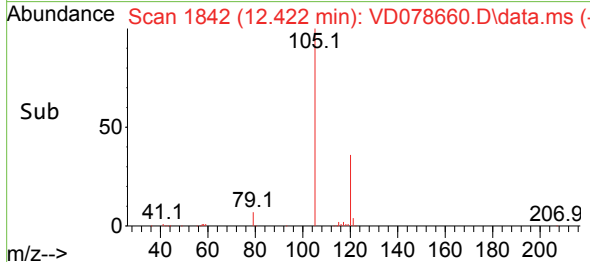
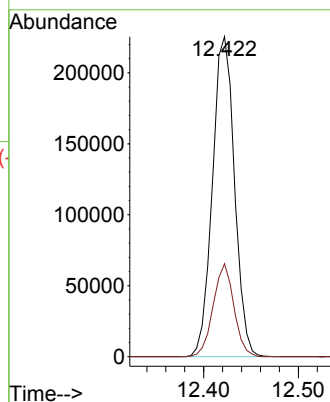
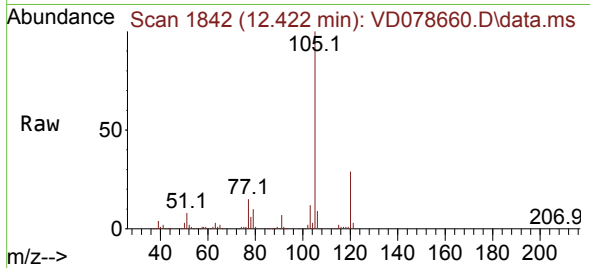




#73
Isopropylbenzene
Concen: 49.387 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

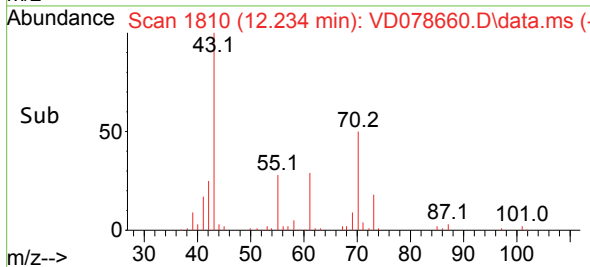
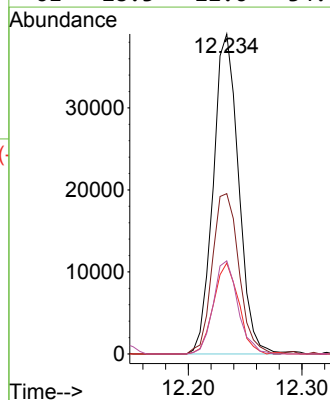
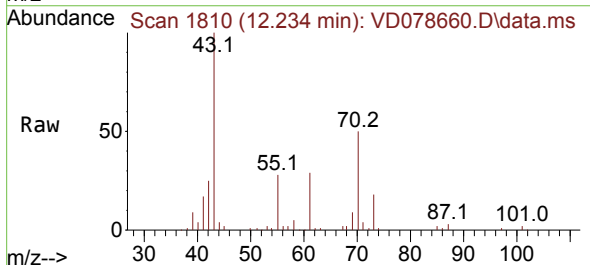
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

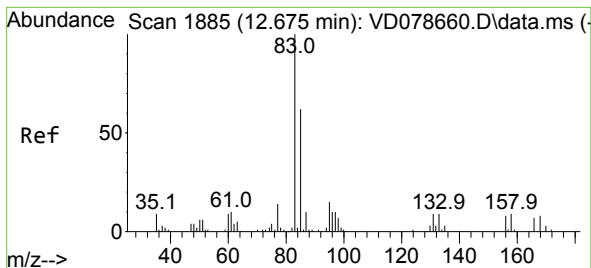
Tgt Ion:105 Resp: 364117
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0



#74
N-ethyl acetate
Concen: 50.559 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 43 Resp: 60520
Ion Ratio Lower Upper
43 100
70 52.6 42.1 63.1
55 28.2 22.6 33.8
61 28.3 22.6 34.0

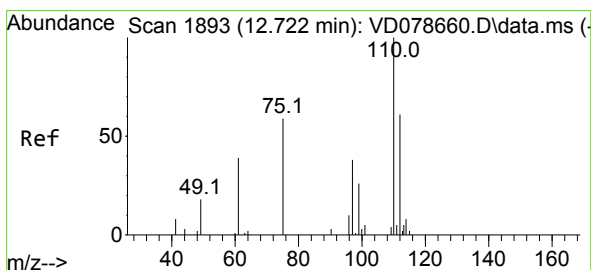
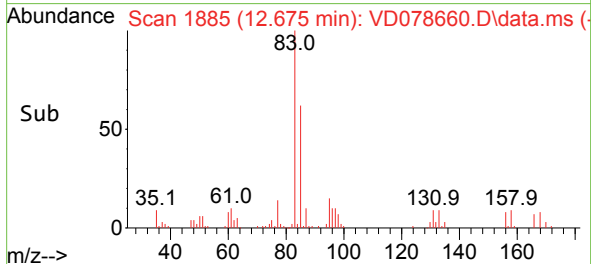
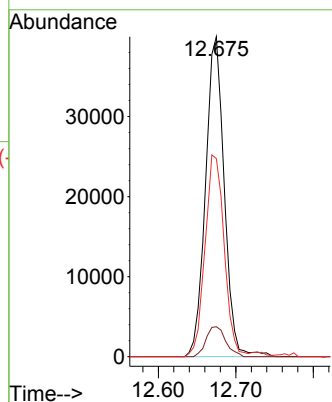
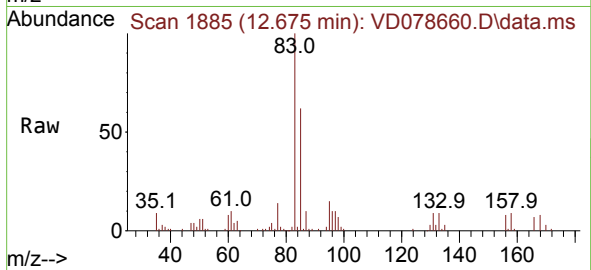




#75
1,1,2,2-Tetrachloroethane
Concen: 49.321 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

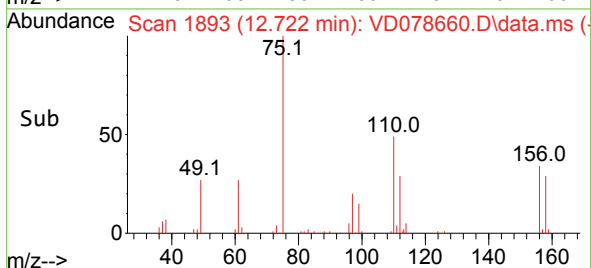
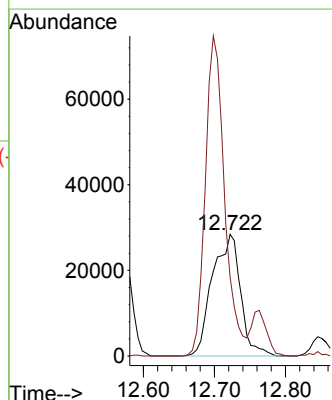
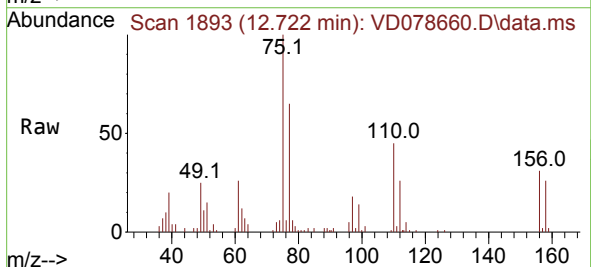
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

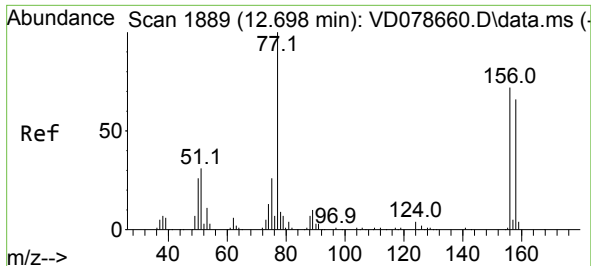
Tgt Ion: 83 Resp: 67315
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 90.708 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 75 Resp: 78097
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

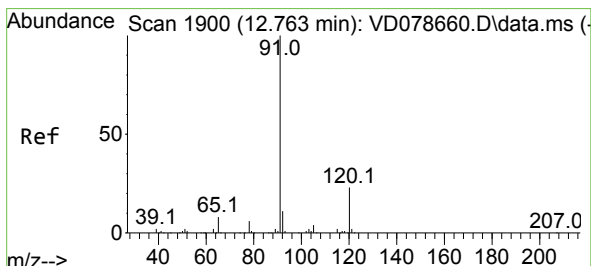
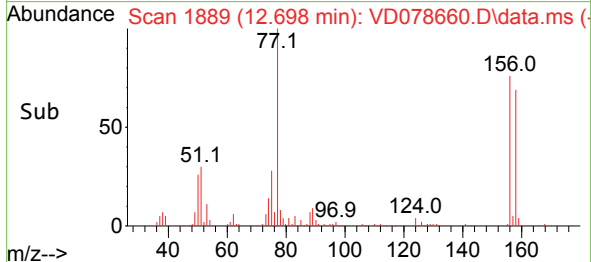
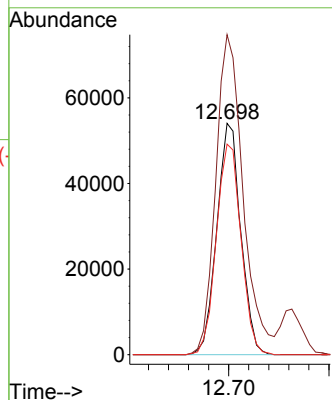
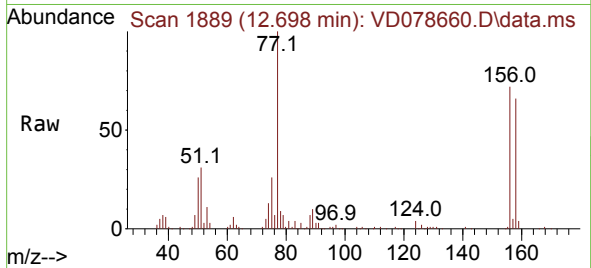




#77
Bromobenzene
Concen: 48.983 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

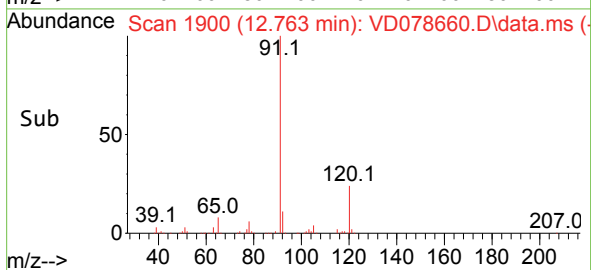
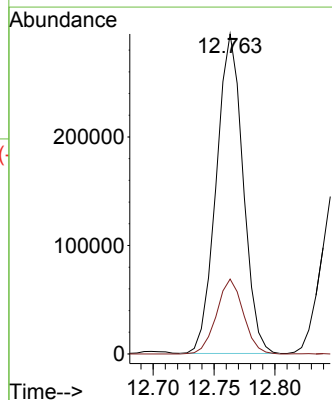
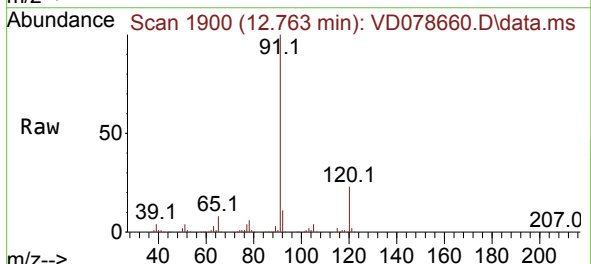
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

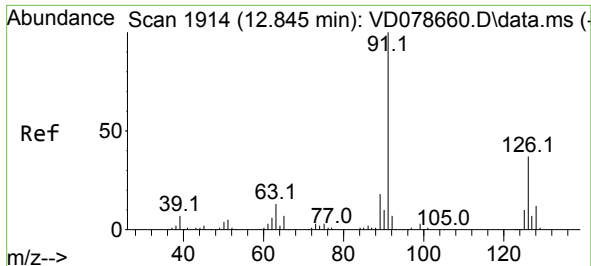
Tgt Ion:156 Resp: 89560
Ion Ratio Lower Upper
156 100
77 158.2 79.1 237.3
158 94.0 47.0 141.0



#78
n-propylbenzene
Concen: 50.182 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 91 Resp: 450351
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.1

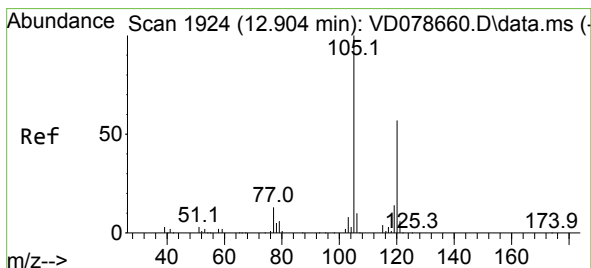
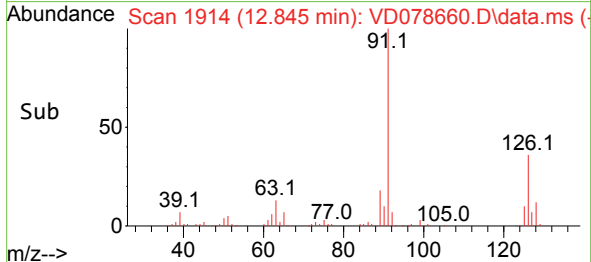
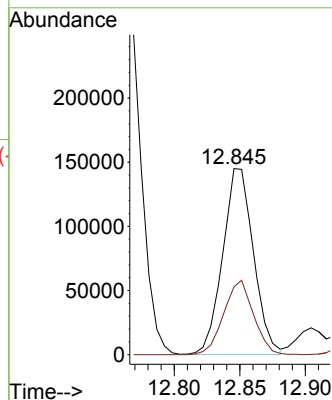
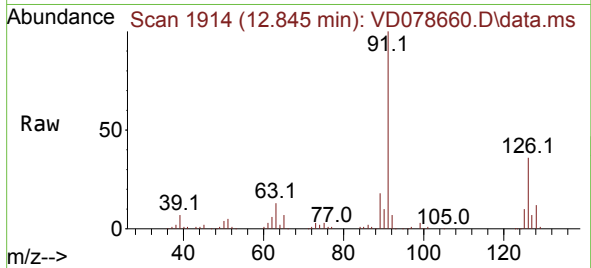




#79
2-Chlorotoluene
Concen: 48.062 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

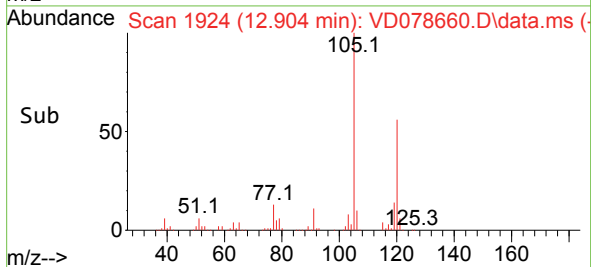
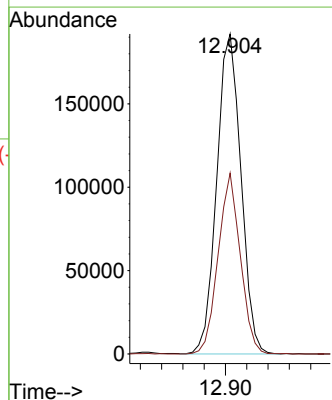
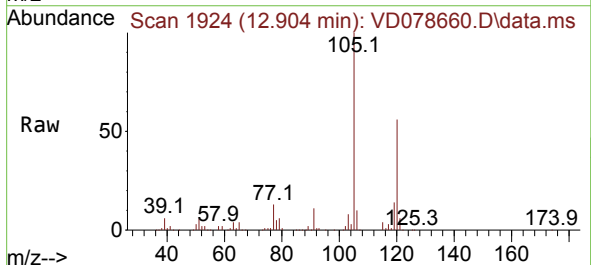
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

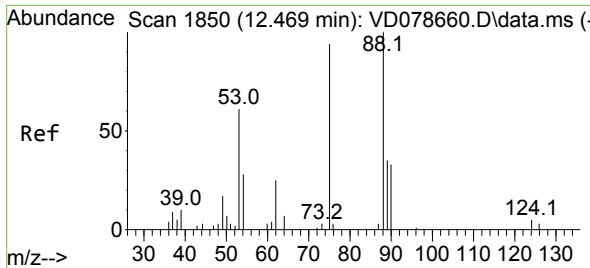
Tgt Ion: 91 Resp: 236617
Ion Ratio Lower Upper
91 100
126 38.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 49.582 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion: 105 Resp: 302290
Ion Ratio Lower Upper
105 100
120 51.8 25.9 77.7

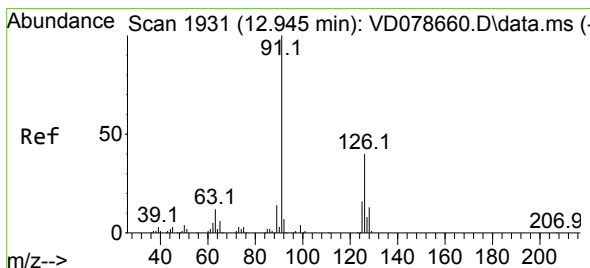
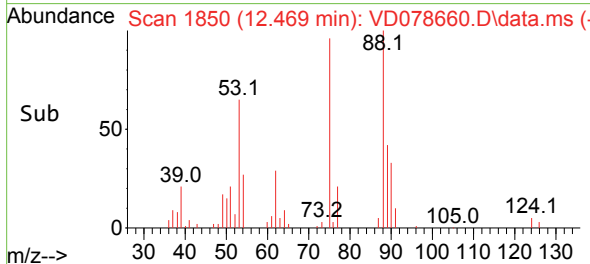
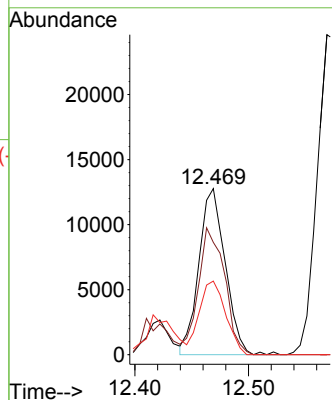
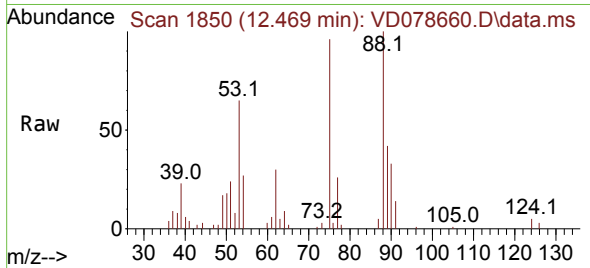




#81
trans-1,4-Dichloro-2-butene
Concen: 50.081 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

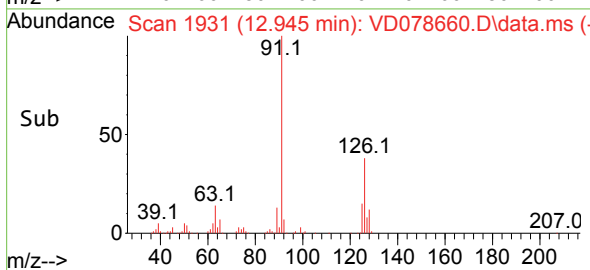
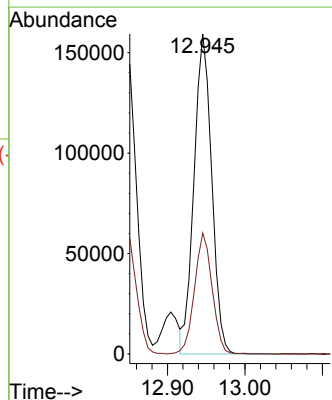
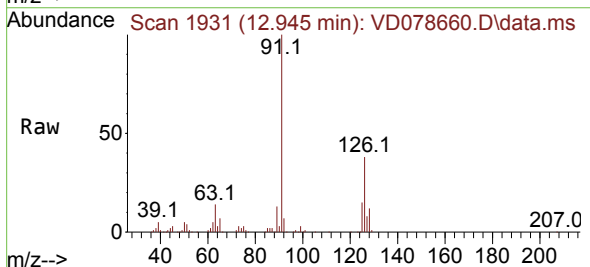
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

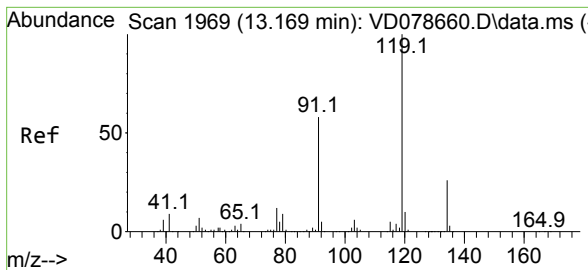
Tgt Ion	Ratio	Lower	Upper
75	100		
53	76.3	61.0	91.6
89	44.2	35.4	53.0



#82
4-Chlorotoluene
Concen: 48.488 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078660.D
Acq: 14 Mar 2024 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.7	18.9	56.5

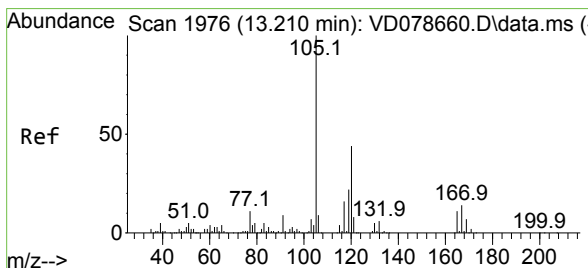
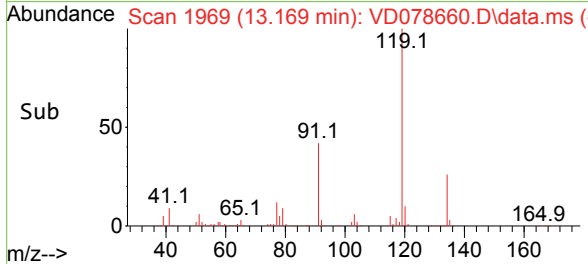
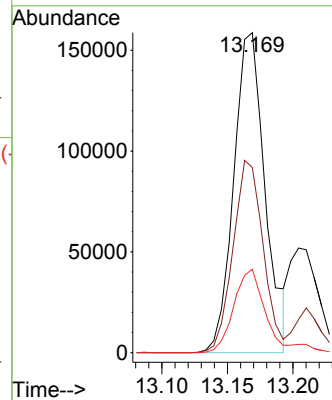
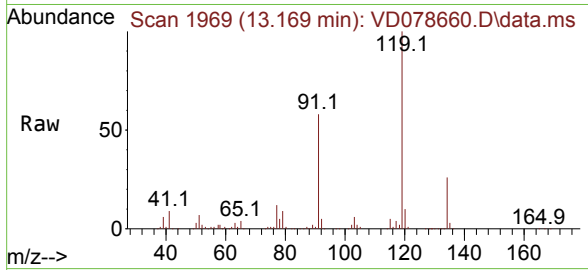




#83
 tert-Butylbenzene
 Concen: 50.236 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

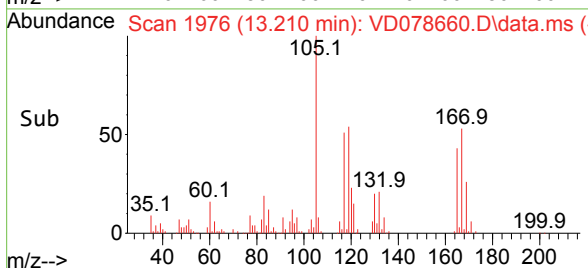
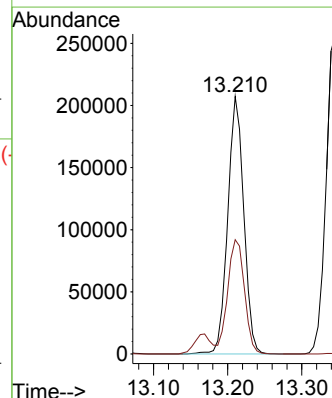
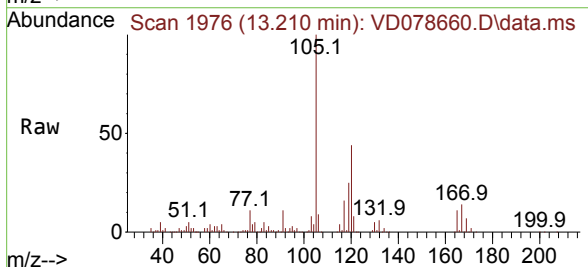
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

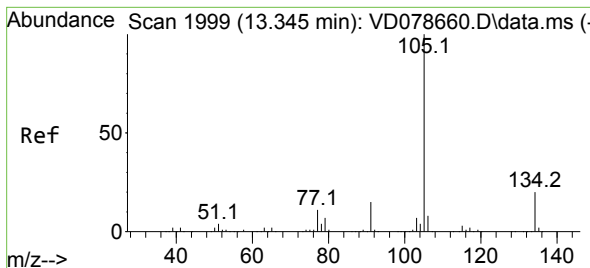
Tgt Ion:	119	Resp:	264092
Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.9	86.7
134	27.2	13.6	40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.688 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

Tgt Ion:	105	Resp:	311431
Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.397 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

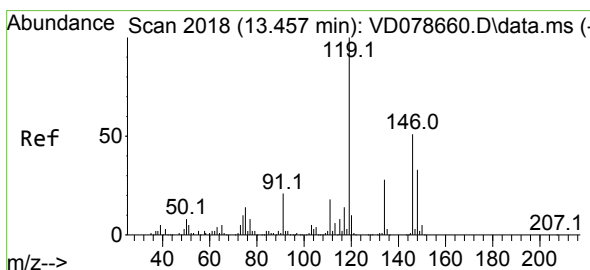
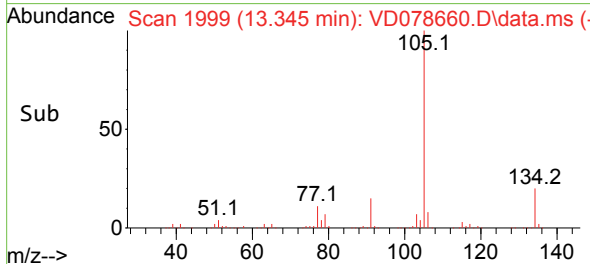
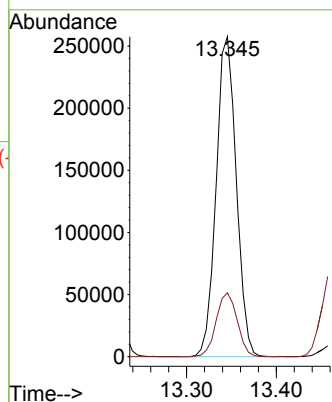
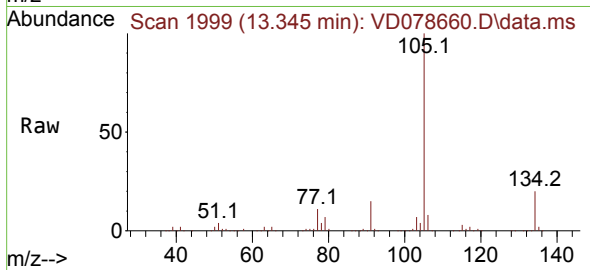
VSTDICCC050

Tgt Ion:105 Resp: 400938

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 50.525 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

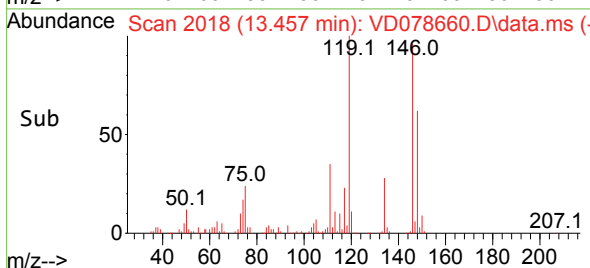
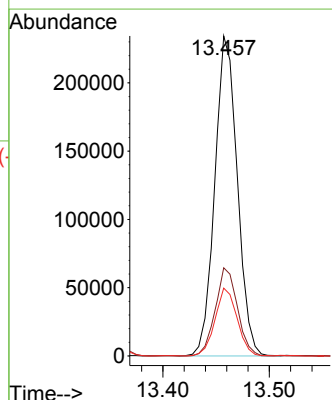
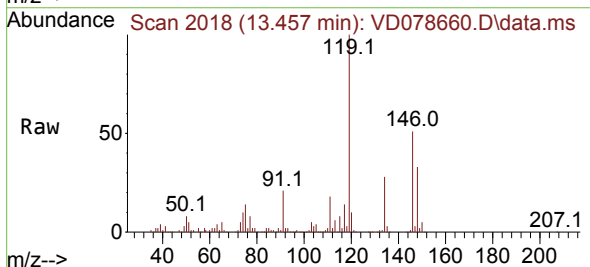
Tgt Ion:119 Resp: 344101

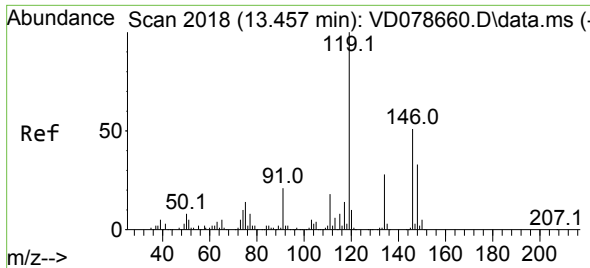
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 20.8 10.4 31.2

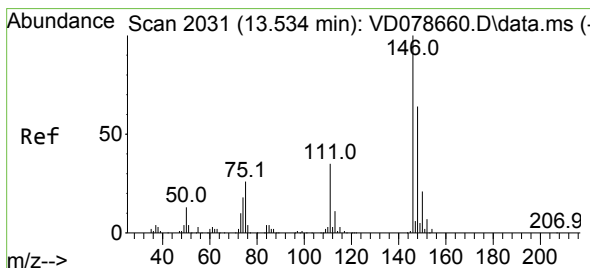
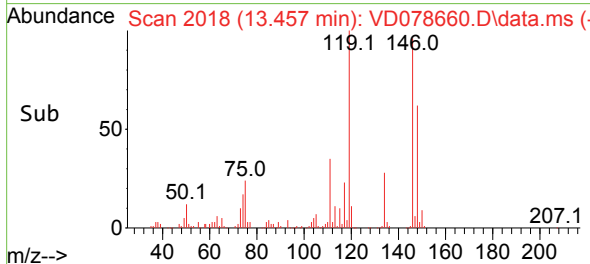
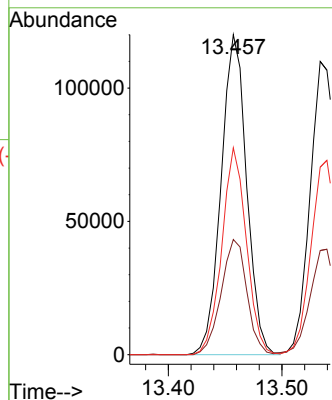
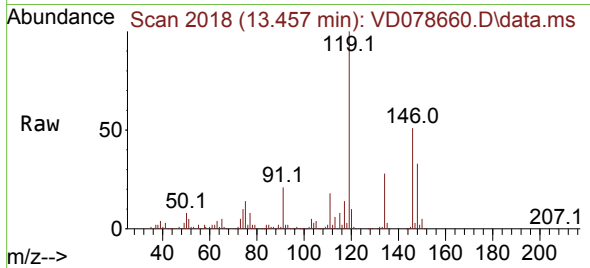




#87
 1,3-Dichlorobenzene
 Concen: 48.575 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

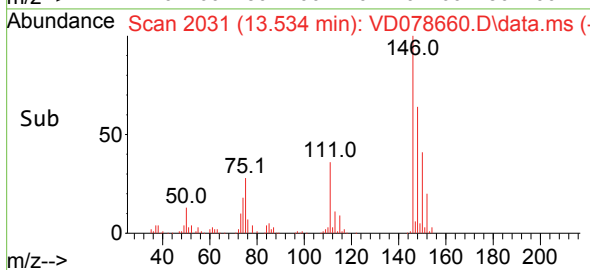
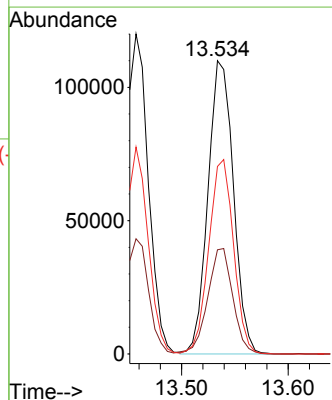
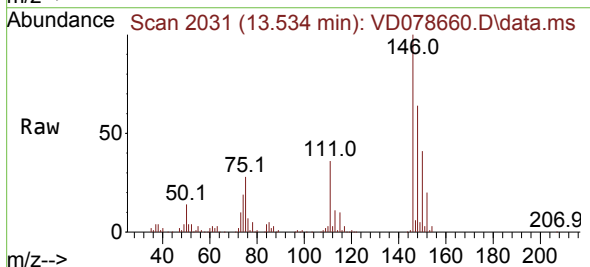
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

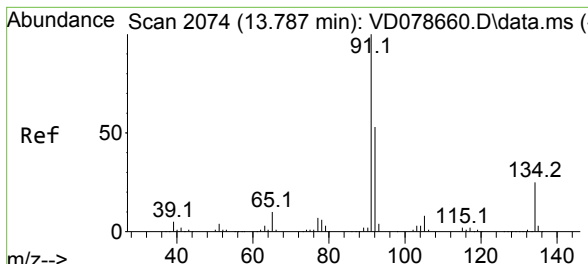
Tgt Ion:146 Resp: 187424
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.2 54.6
 148 62.3 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 48.093 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

Tgt Ion:146 Resp: 182875
 Ion Ratio Lower Upper
 146 100
 111 35.5 17.8 53.3
 148 64.7 32.4 97.0



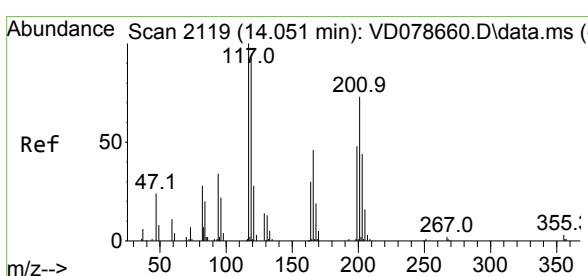
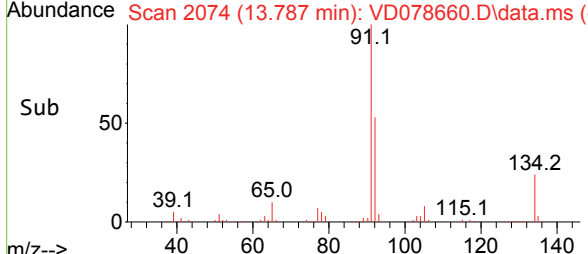
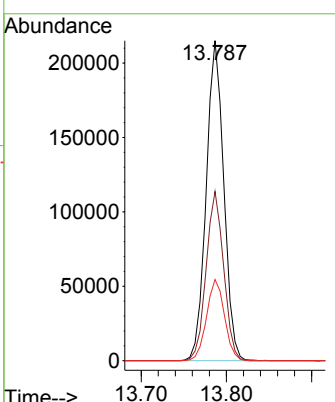
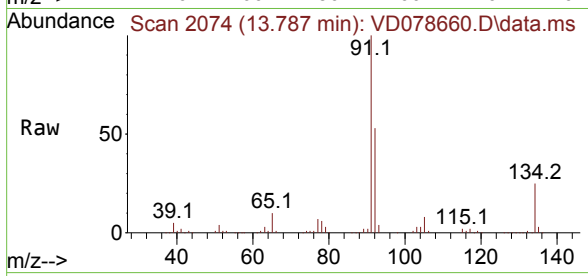


#89
 n-Butylbenzene
 Concen: 50.031 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 307725

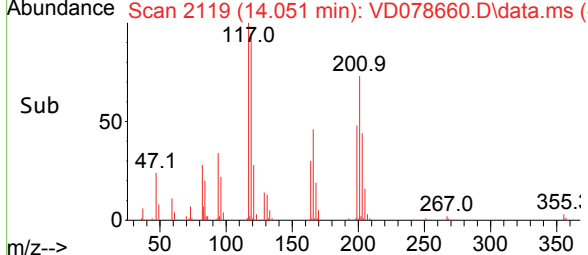
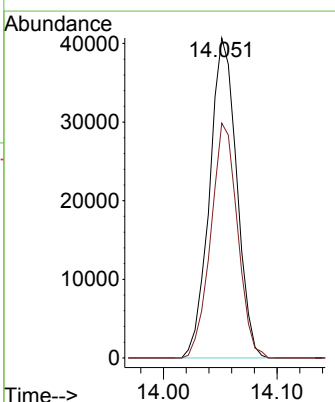
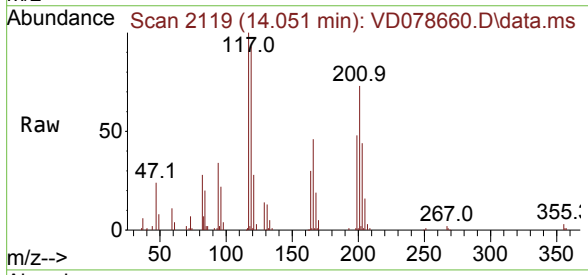
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	25.9	13.0	38.9

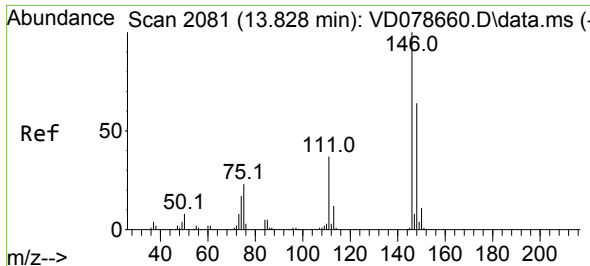


#90
 Hexachloroethane
 Concen: 47.897 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

Tgt Ion: 117 Resp: 67496

Ion	Ratio	Lower	Upper
117	100		
201	72.4	36.2	108.6

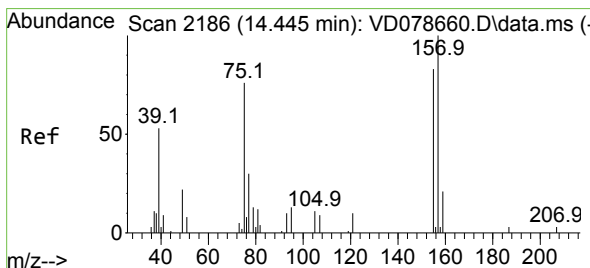
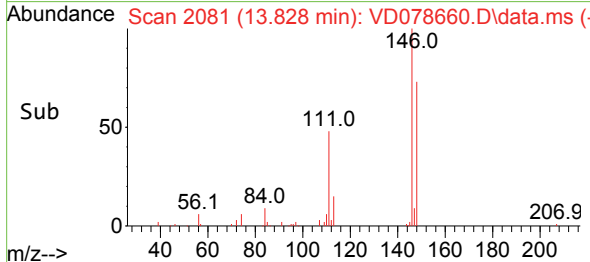
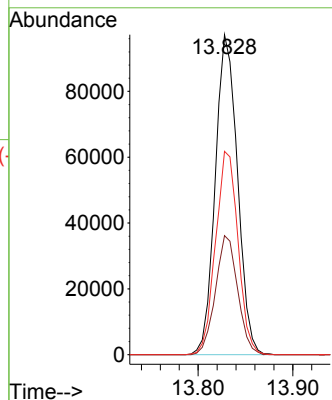
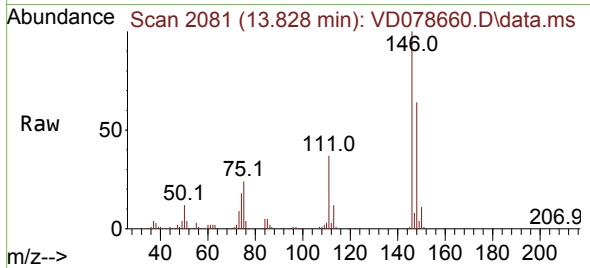




#91
 1,2-Dichlorobenzene
 Concen: 47.741 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

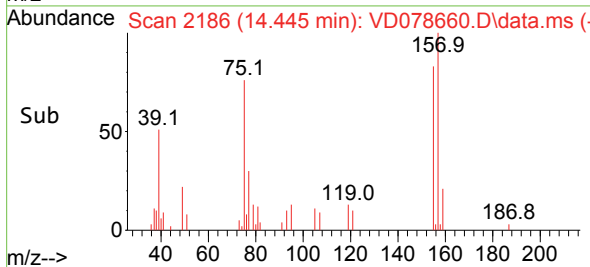
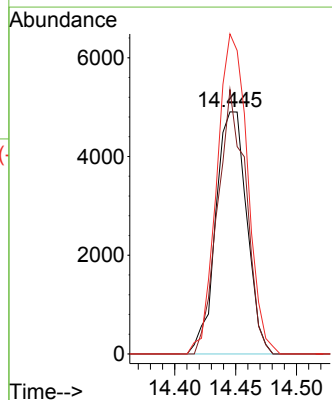
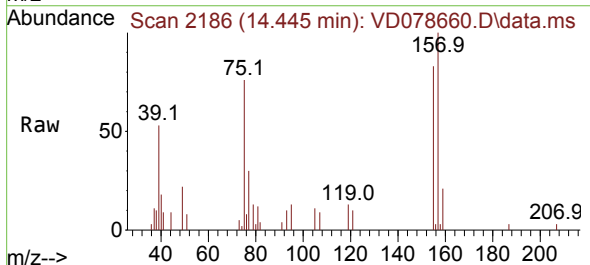
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

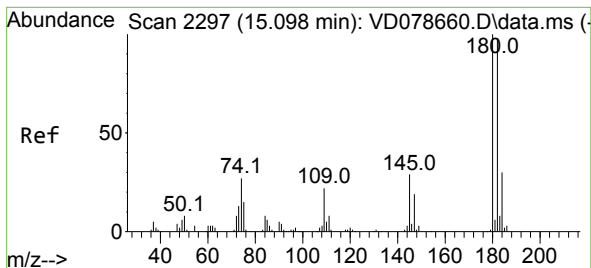
Tgt Ion:146 Resp: 158648
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 64.3 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.520 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

Tgt Ion: 75 Resp: 8676
 Ion Ratio Lower Upper
 75 100
 155 99.5 49.8 149.3
 157 130.9 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 47.153 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

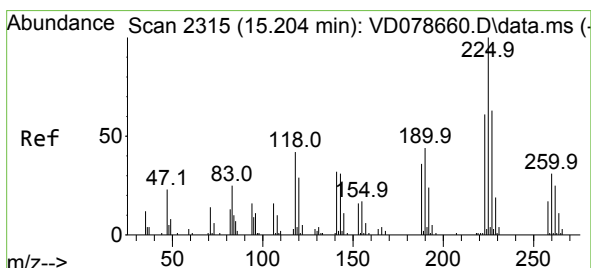
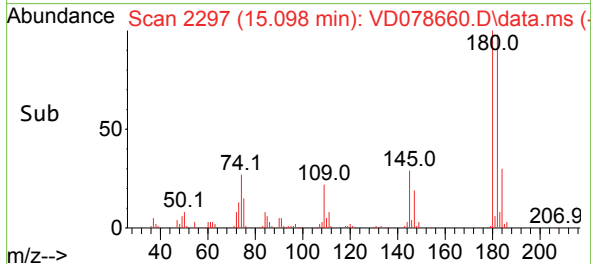
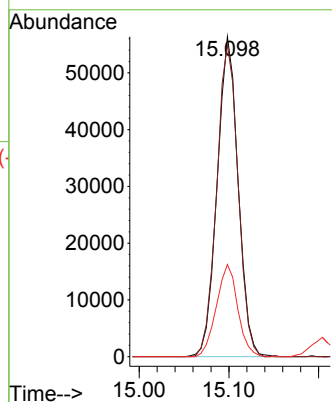
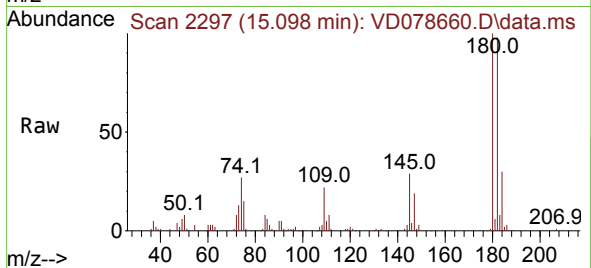
Tgt Ion:180 Resp: 91448

Ion Ratio Lower Upper

180 100

182 99.4 49.7 149.1

145 29.3 14.6 44.0



#94

Hexachlorobutadiene

Concen: 46.458 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078660.D

Acq: 14 Mar 2024 11:22

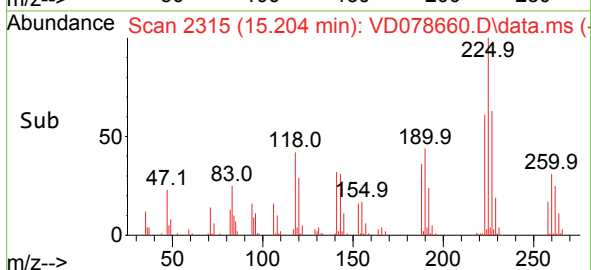
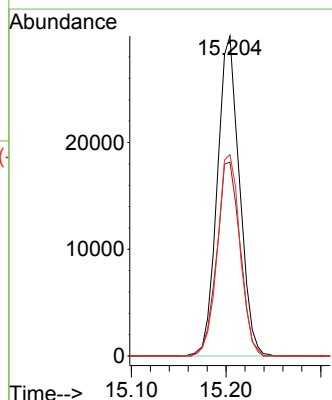
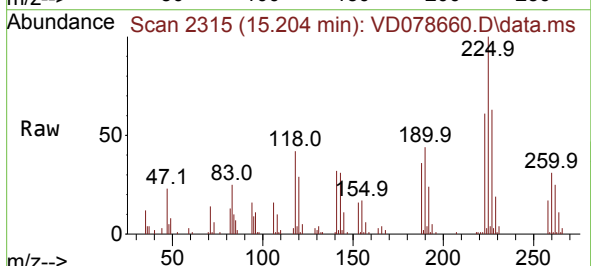
Tgt Ion:225 Resp: 48778

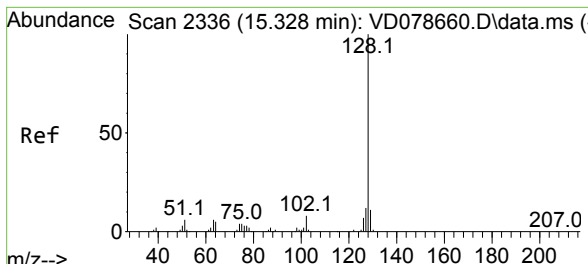
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

227 64.0 32.0 96.0

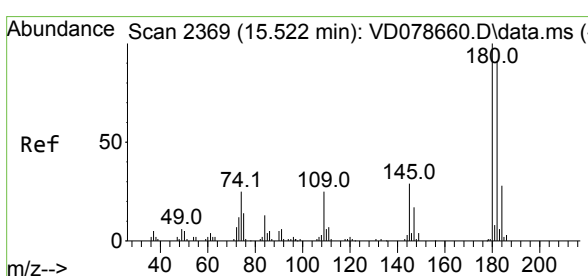
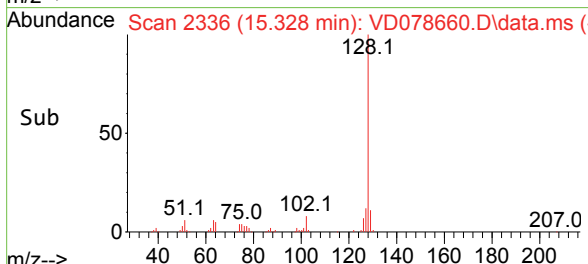
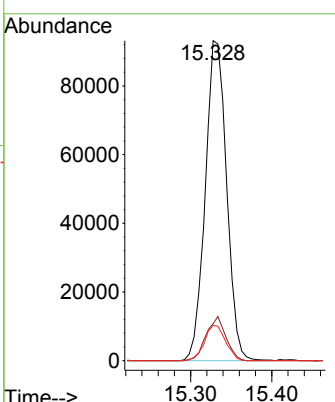
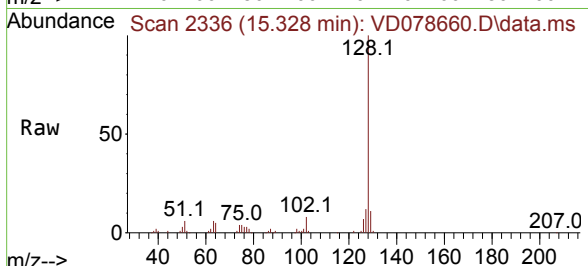




#95
 Naphthalene
 Concen: 50.465 ug/l
 RT: 15.328 min Scan# 2336
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	128	Resp:	170162
Ion Ratio	Lower	Upper	
128	100		
127	11.6	9.3	13.9
129	11.1	8.9	13.3



#96
 1,2,3-Trichlorobenzene
 Concen: 50.044 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078660.D
 Acq: 14 Mar 2024 11:22

Tgt Ion:	180	Resp:	83965
Ion Ratio	Lower	Upper	
180	100		
182	93.4	46.7	140.1
145	28.9	14.4	43.4

