

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078074.D
 Acq On : 22 Dec 2023 19:50
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 23 03:41:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	245399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	397908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	355221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	177043	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	103481	35.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.580%
35) Dibromofluoromethane	7.810	113	124697	44.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.480%
50) Toluene-d8	10.269	98	444324	39.803	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.600%
62) 4-Bromofluorobenzene	12.575	95	135247	40.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.040%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	113683	37.086	ug/l	93
3) Chloromethane	2.152	50	167648	40.123	ug/l	99
4) Vinyl Chloride	2.287	62	234164	41.281	ug/l	99
5) Bromomethane	2.699	94	184225	57.879	ug/l	99
6) Chloroethane	2.840	64	171859	44.439	ug/l	99
7) Trichlorofluoromethane	3.181	101	226820	43.417	ug/l	97
8) Diethyl Ether	3.599	74	67111	45.748	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.975	101	131789	44.095	ug/l	96
10) Methyl Iodide	4.169	142	178689	65.761	ug/l	93
11) Tert butyl alcohol	5.052	59	25741	181.776	ug/l #	88
12) 1,1-Dichloroethene	3.946	96	137818	46.721	ug/l	92
13) Acrolein	3.799	56	45179	147.699	ug/l	98
14) Allyl chloride	4.569	41	154820	38.162	ug/l	94
15) Acrylonitrile	5.258	53	125725	200.168	ug/l	99
16) Acetone	4.022	43	107801	161.302	ug/l	91
17) Carbon Disulfide	4.275	76	421197	42.206	ug/l	95
18) Methyl Acetate	4.569	43	90538	39.756	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	290041	46.344	ug/l	98
20) Methylene Chloride	4.805	84	171914	50.222	ug/l	92
21) trans-1,2-Dichloroethene	5.322	96	160887	48.154	ug/l	99
22) Diisopropyl ether	6.216	45	338151	39.886	ug/l	97
23) Vinyl Acetate	6.158	43	788082	190.353	ug/l	95
24) 1,1-Dichloroethane	6.116	63	249794	43.509	ug/l	98
25) 2-Butanone	7.081	43	142068	174.175	ug/l	91
26) 2,2-Dichloropropane	7.081	77	208304	43.213	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	182090	50.649	ug/l	98
28) Bromochloromethane	7.428	49	85178	36.716	ug/l	99
29) Tetrahydrofuran	7.452	42	81502	176.997	ug/l	98
30) Chloroform	7.599	83	269154	46.842	ug/l	98
31) Cyclohexane	7.887	56	183356	35.649	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	233542	46.105	ug/l	96
36) 1,1-Dichloropropene	8.010	75	200790	45.037	ug/l	98
37) Ethyl Acetate	7.169	43	61485	35.369	ug/l #	93
38) Carbon Tetrachloride	7.999	117	207290	46.638	ug/l	96
39) Methylcyclohexane	9.275	83	229872	43.493	ug/l	98
40) Benzene	8.252	78	589897	46.619	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	32808	37.132	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	152862	46.605	ug/l	96
43) Isopropyl Acetate	8.363	43	117414	37.996	ug/l	97
44) Trichloroethene	9.028	130	173142	52.507	ug/l	95
45) 1,2-Dichloropropane	9.304	63	138809	45.126	ug/l	95
46) Dibromomethane	9.393	93	81651	50.167	ug/l	99
47) Bromodichloromethane	9.587	83	201224	48.777	ug/l #	98
48) Methyl methacrylate	9.381	41	67830	38.614	ug/l	89
49) 1,4-Dioxane	9.387	88	14065	870.287	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	297903	188.891	ug/l	96
52) Toluene	10.334	92	388585	49.507	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	187380	47.300	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	229953	48.010	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	109286	49.089	ug/l	96
56) Ethyl methacrylate	10.599	69	89269	45.487	ug/l	93
57) 1,3-Dichloropropane	10.881	76	178123	46.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	217478	194.319	ug/l	100
59) 2-Hexanone	10.922	43	212659	162.527	ug/l	95
60) Dibromochloromethane	11.075	129	139824	52.166	ug/l	97
61) 1,2-Dibromoethane	11.181	107	107928	51.501	ug/l	99
64) Tetrachloroethene	10.810	164	137927	52.829	ug/l	97
65) Chlorobenzene	11.604	112	416289	49.703	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	154481	52.297	ug/l	97
67) Ethyl Benzene	11.681	91	760125	51.398	ug/l	98
68) m/p-Xylenes	11.793	106	620470	109.685	ug/l	95
69) o-Xylene	12.122	106	284591	54.588	ug/l	94
70) Styrene	12.134	104	401440	51.784	ug/l	95
71) Bromoform	12.298	173	80863	52.392	ug/l #	100
73) Isopropylbenzene	12.422	105	707338	52.714	ug/l	97
74) N-amyl acetate	12.234	43	105450	39.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	114471	48.927	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	141276	91.879	ug/l #	100
77) Bromobenzene	12.698	156	186431	59.069	ug/l	91
78) n-propylbenzene	12.763	91	902785	55.214	ug/l	98
79) 2-Chlorotoluene	12.845	91	505553	57.695	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	707756	63.241	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	35251	46.449	ug/l	99
82) 4-Chlorotoluene	12.945	91	474541	51.803	ug/l	98
83) tert-Butylbenzene	13.163	119	492941	52.174	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	1048638	93.683	ug/l	98
85) sec-Butylbenzene	13.345	105	717467	51.373	ug/l	98
86) p-Isopropyltoluene	13.457	119	663434	53.058	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	339290	52.568	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	331951	51.578	ug/l	99
89) n-Butylbenzene	13.787	91	603041	51.255	ug/l	99
90) Hexachloroethane	14.051	117	126347	54.944	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	285437	51.999	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16387	48.318	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	187522	50.013	ug/l	99
94) Hexachlorobutadiene	15.204	225	103110	50.997	ug/l	100
95) Naphthalene	15.328	128	410805	65.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	160050	51.778	ug/l	99

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ClientSampleId :

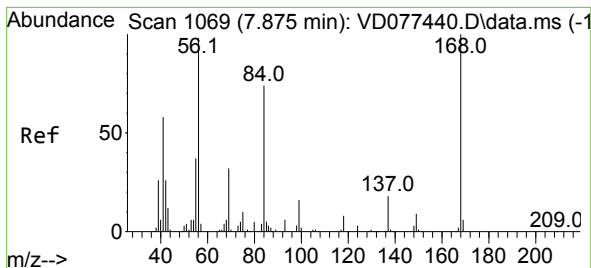
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QLast Update : Thu Dec 14 14:48:10 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078074.D

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Instrument :

MSVOA_D

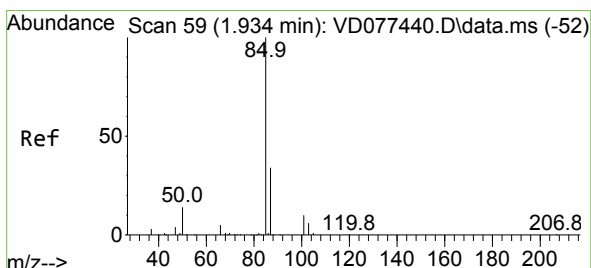
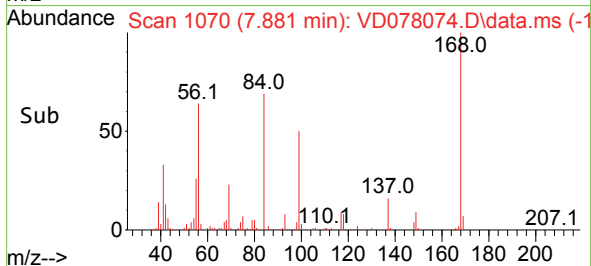
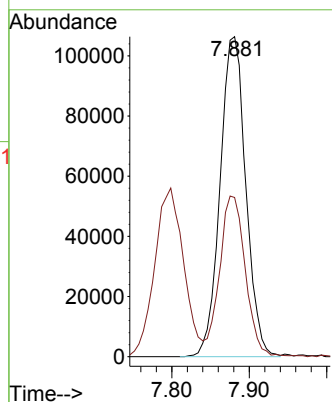
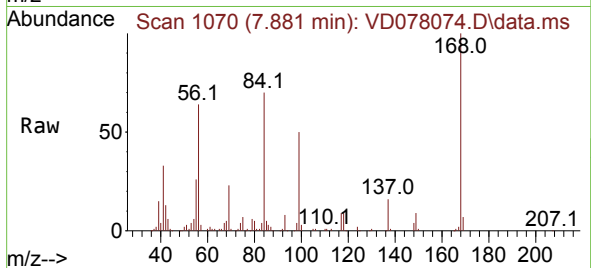
ClientSampleId :

Tgt Ion:168 Resp: 245399

Ion Ratio Lower Upper

168 100

99 49.3 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 37.086 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078074.D

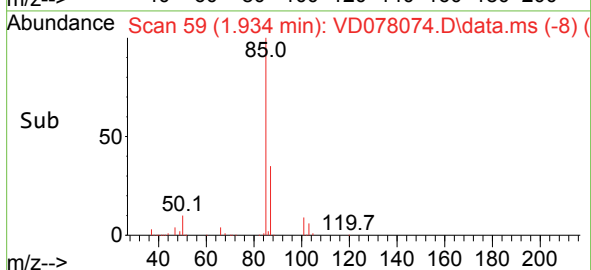
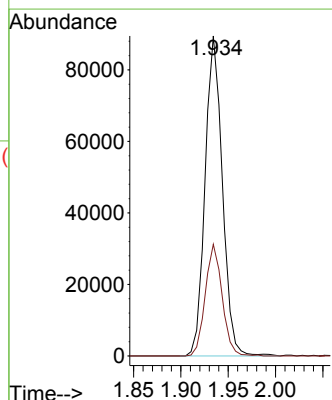
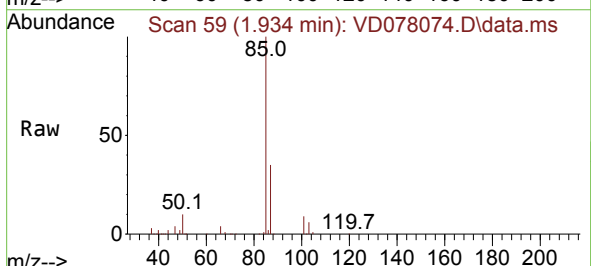
Acq: 22 Dec 2023 19:50

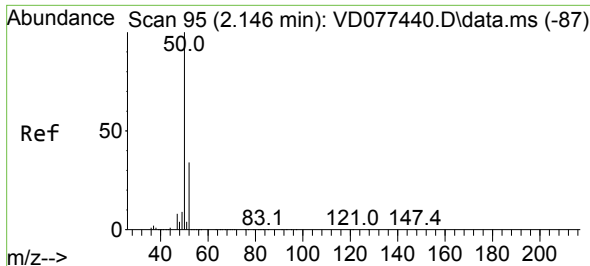
Tgt Ion: 85 Resp: 113683

Ion Ratio Lower Upper

85 100

87 34.9 15.7 47.0

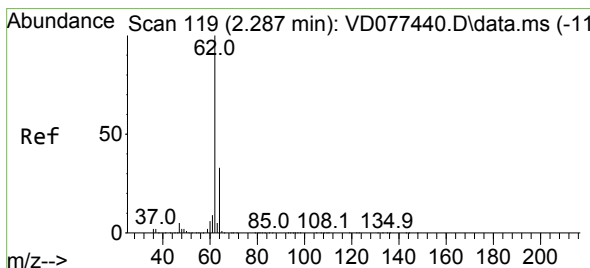
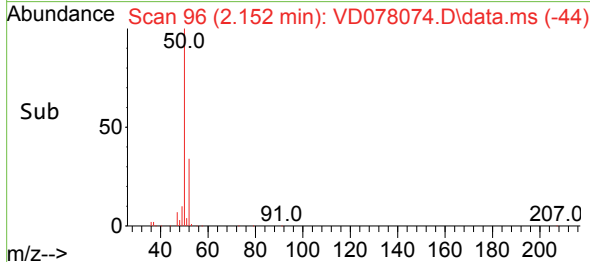
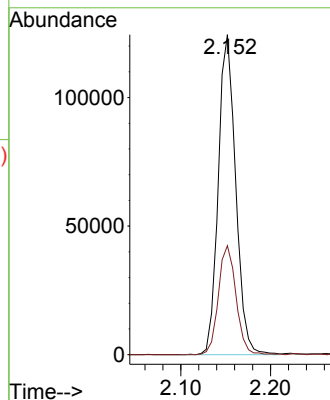
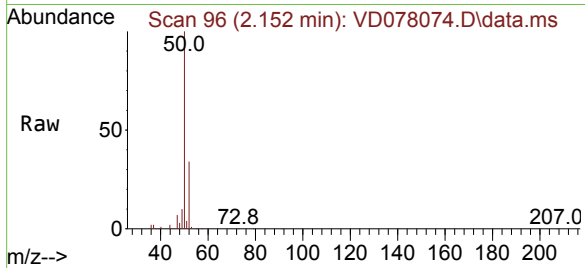




#3
Chloromethane
Concen: 40.123 ug/l
RT: 2.152 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

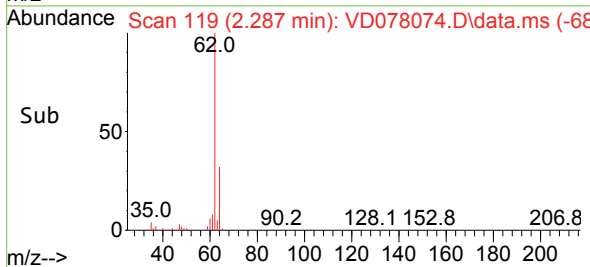
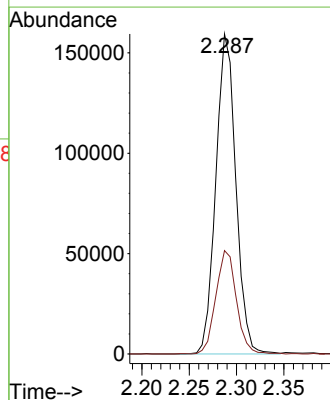
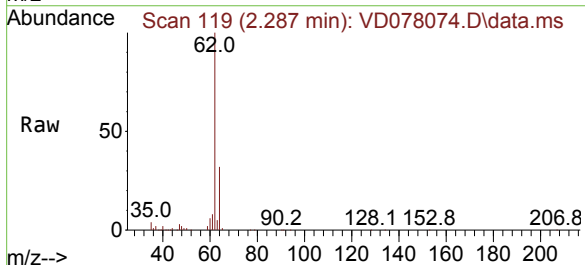
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 167648
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 41.281 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 62 Resp: 234164
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

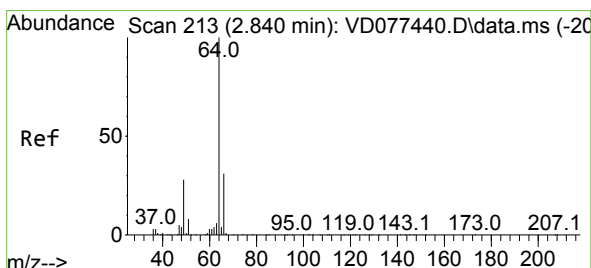
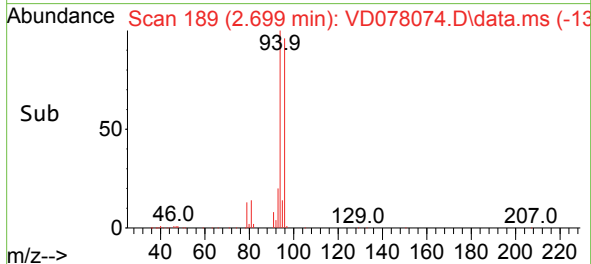
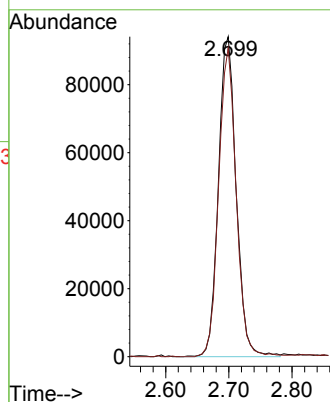
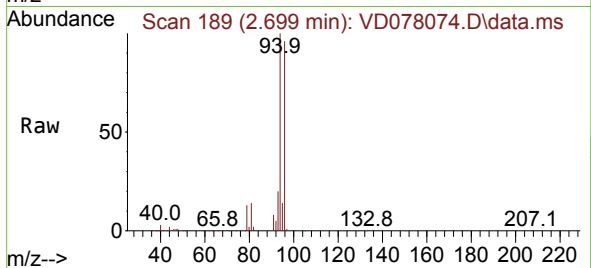




#5
Bromomethane
Concen: 57.879 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

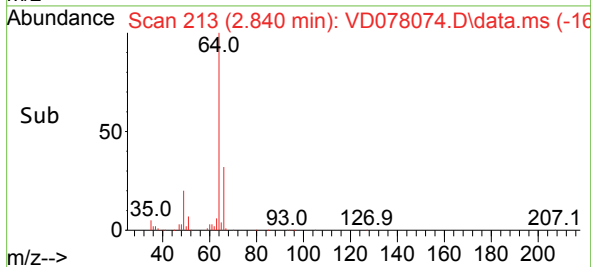
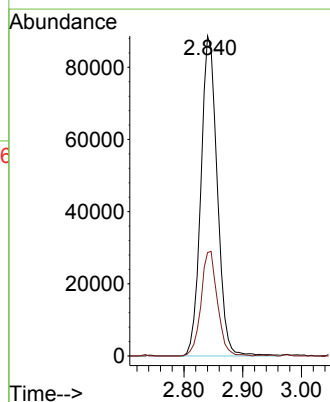
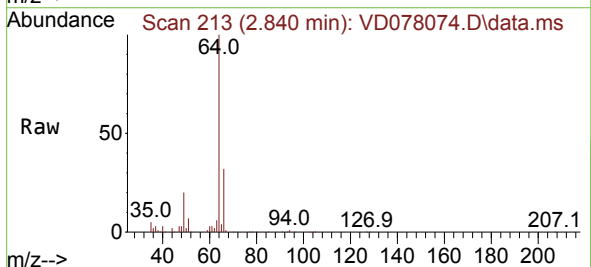
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MSVOA_D
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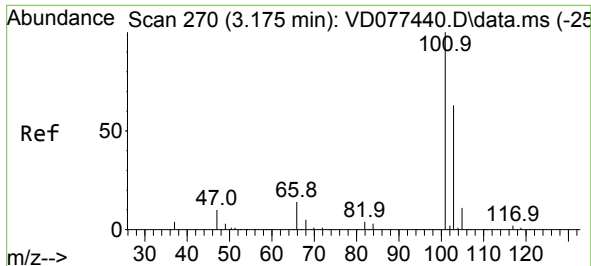
Tgt Ion: 94 Resp: 184225
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.8



#6
Chloroethane
Concen: 44.439 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 64 Resp: 171859
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3

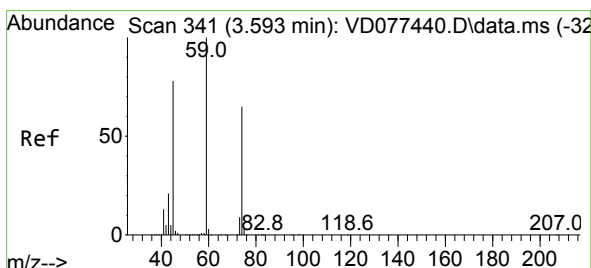
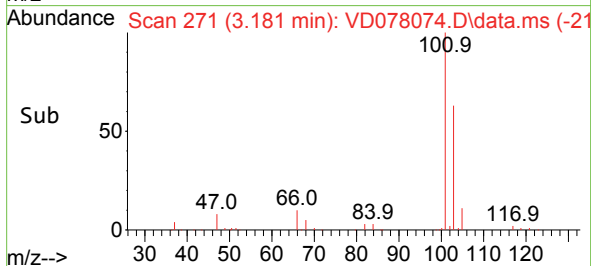
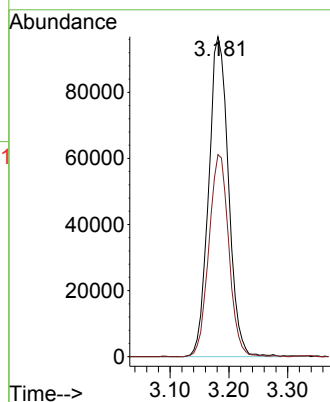
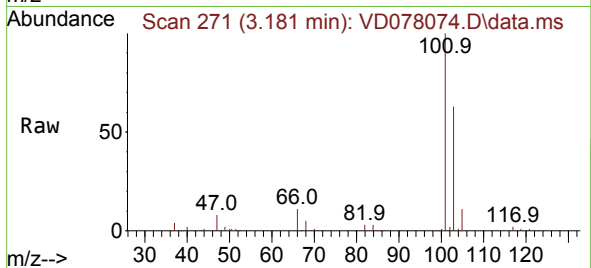




#7
Trichlorofluoromethane
Concen: 43.417 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

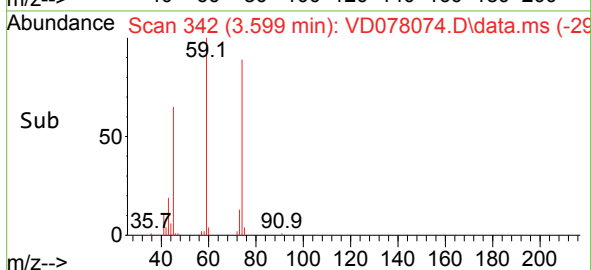
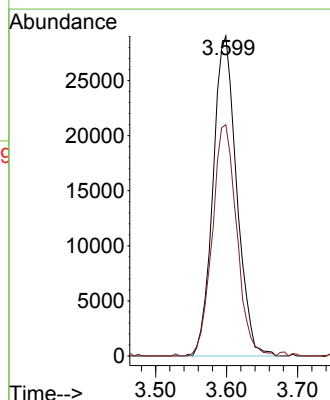
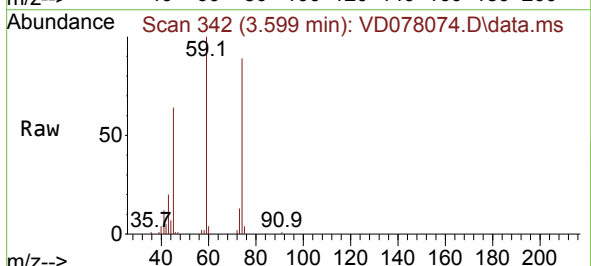
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 226820
Ion Ratio Lower Upper
101 100
103 63.2 52.3 78.5



#8
Diethyl Ether
Concen: 45.748 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 74 Resp: 67111
Ion Ratio Lower Upper
74 100
45 74.5 37.5 112.7

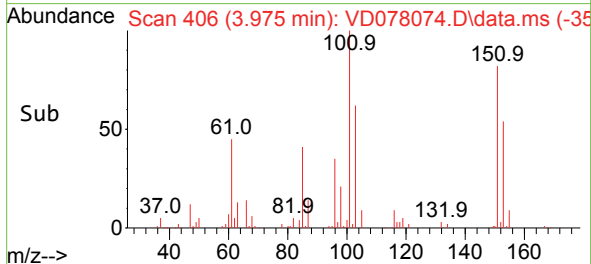
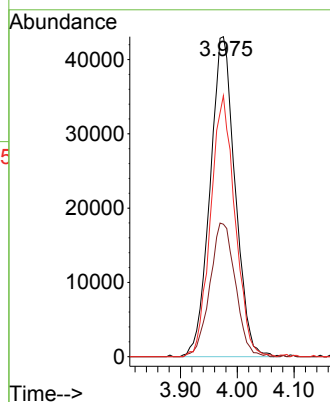
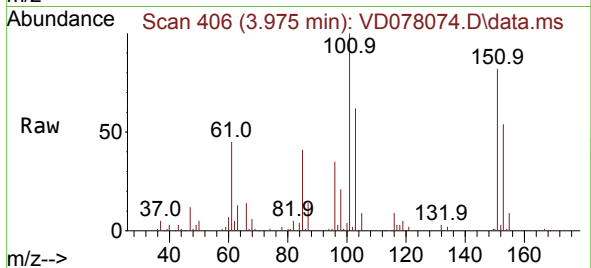




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.095 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

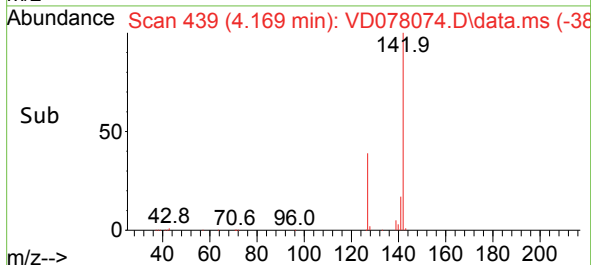
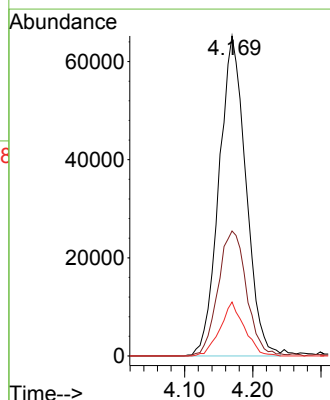
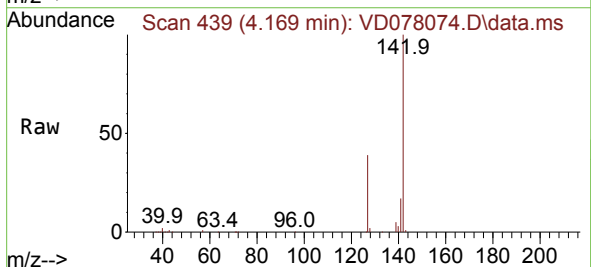
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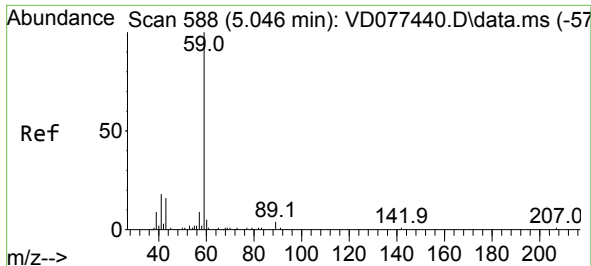
Tgt Ion:101 Resp: 131789
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 79.4 59.8 89.6



#10
Methyl Iodide
Concen: 65.761 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion:142 Resp: 178689
Ion Ratio Lower Upper
142 100
127 41.4 29.4 44.0
141 15.3 11.1 16.7

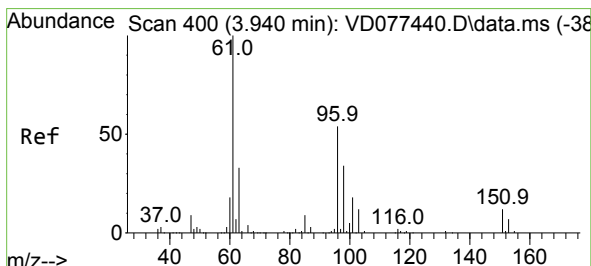
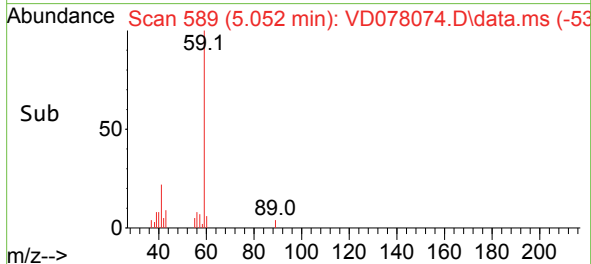
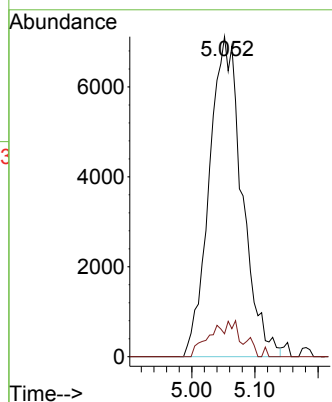
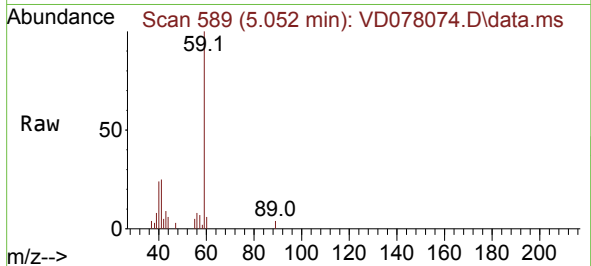




#11
Tert butyl alcohol
Concen: 181.776 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

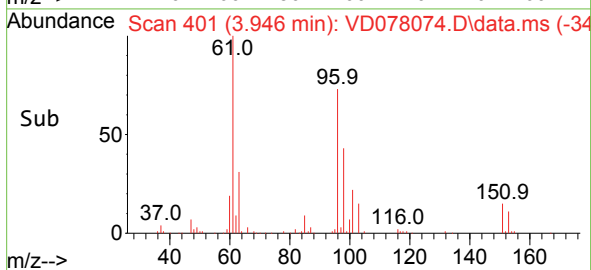
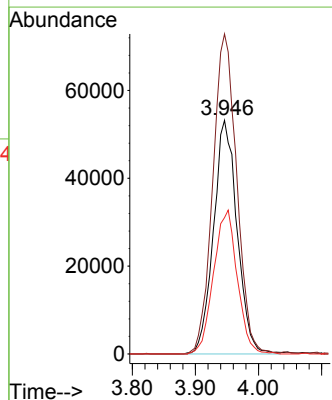
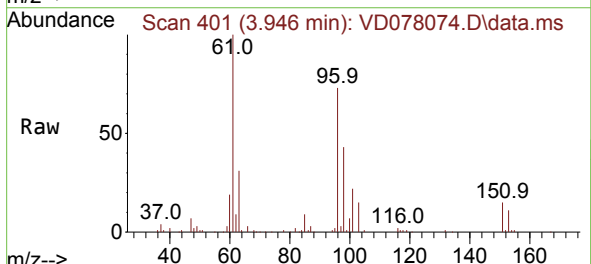
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 25741
Ion Ratio Lower Upper
59 100
57 5.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 46.721 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 96 Resp: 137818
Ion Ratio Lower Upper
96 100
61 136.9 100.6 150.8
98 58.4 50.2 75.2

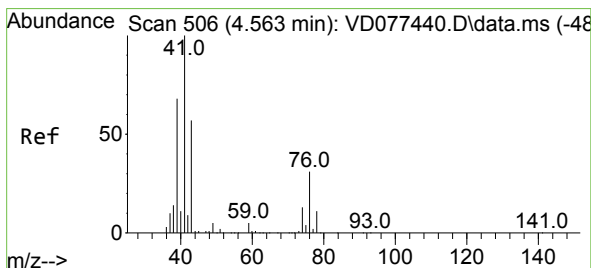
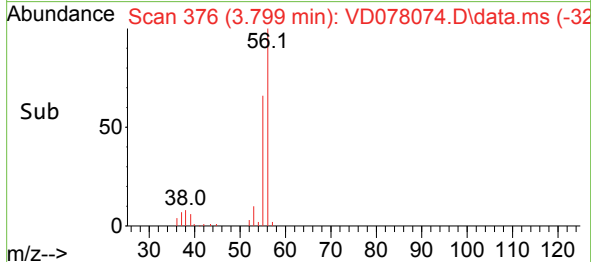
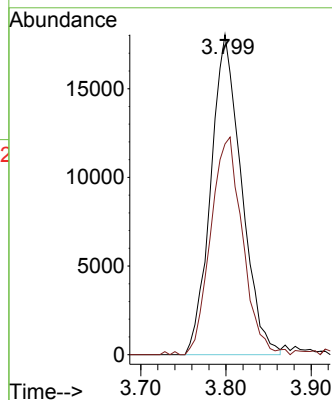
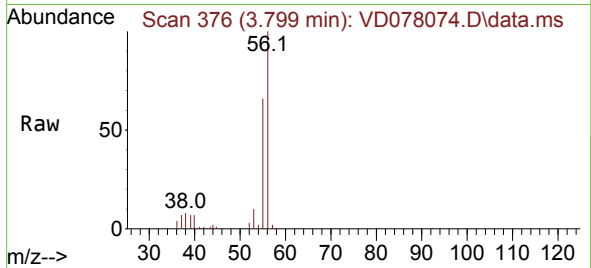




#13
Acrolein
Concen: 147.699 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

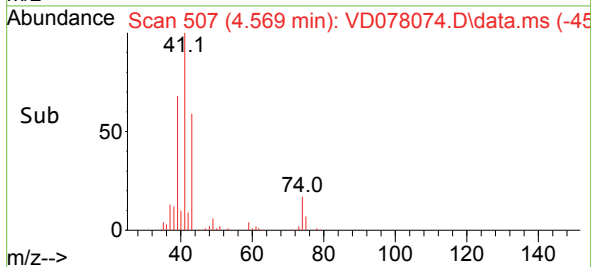
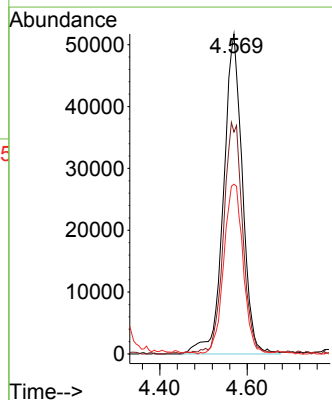
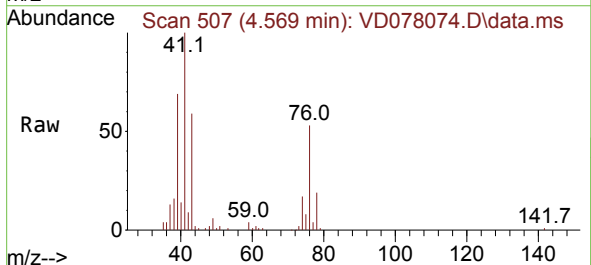
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 45179
Ion Ratio Lower Upper
56 100
55 70.5 55.1 82.7



#14
Allyl chloride
Concen: 38.162 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 41 Resp: 154820
Ion Ratio Lower Upper
41 100
39 73.8 53.8 80.6
76 54.4 45.8 68.8

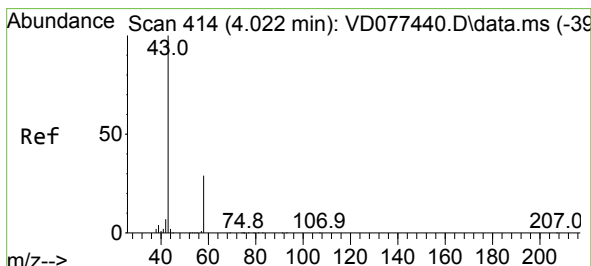
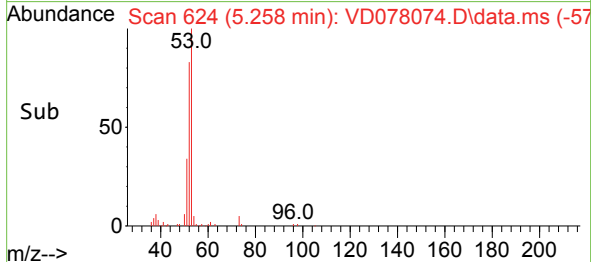
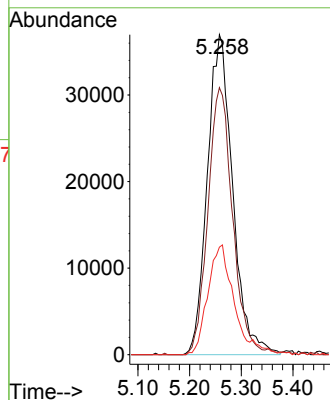
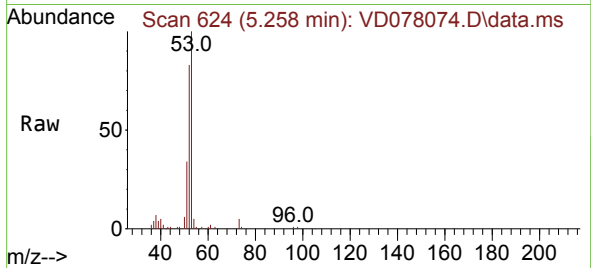




#15
Acrylonitrile
Concen: 200.168 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

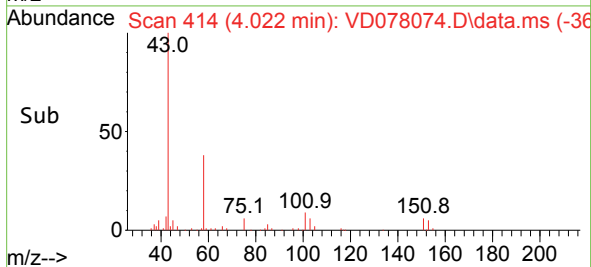
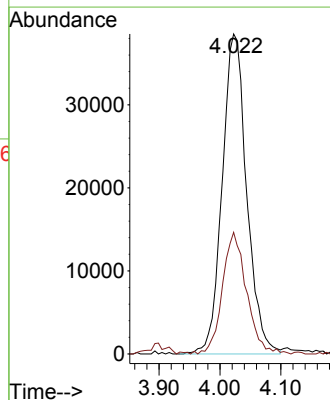
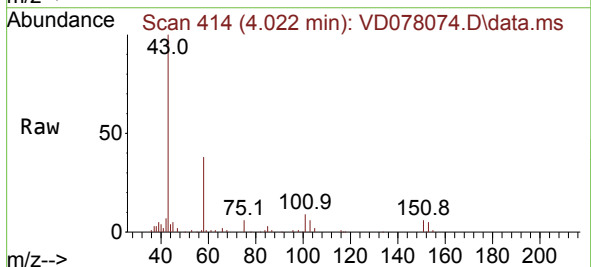
Instrument :
MSVOA_D
ClientSampleId :

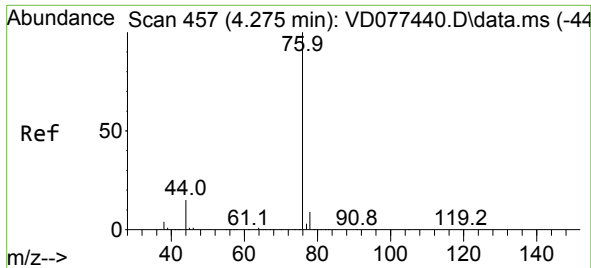
Tgt Ion: 53 Resp: 125725
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.4
51 35.7 28.3 42.5



#16
Acetone
Concen: 161.302 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 43 Resp: 107801
Ion Ratio Lower Upper
43 100
58 37.5 34.7 52.1

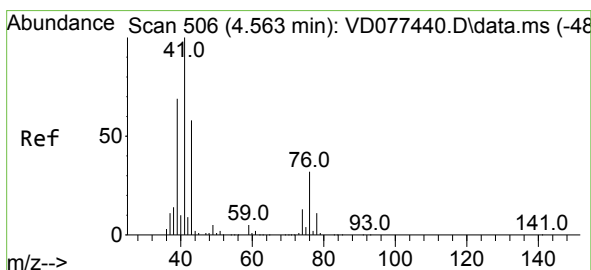
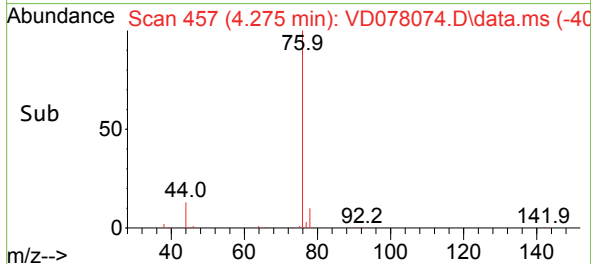
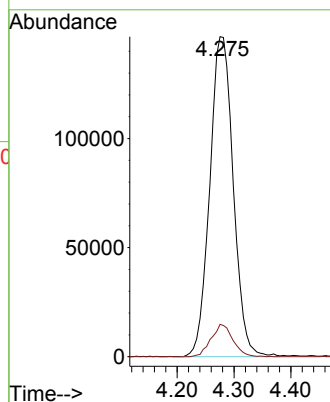
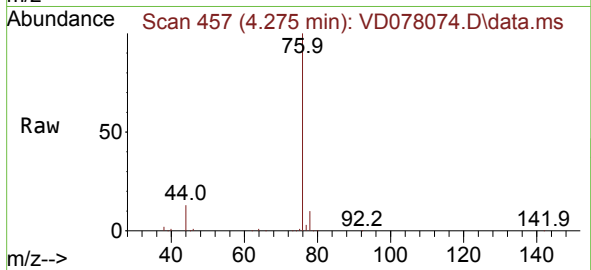




#17
Carbon Disulfide
Concen: 42.206 ug/l
RT: 4.275 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

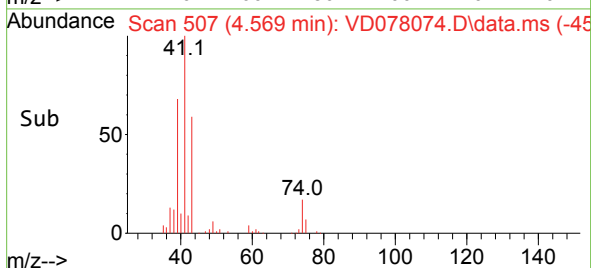
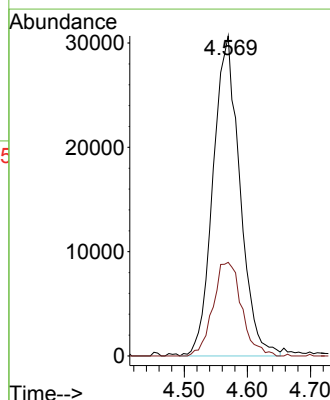
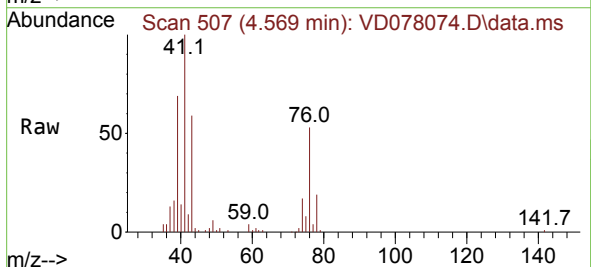
Instrument :
MSVOA_D
ClientSampleId :

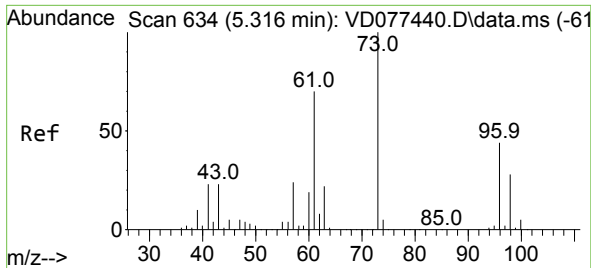
Tgt Ion: 76 Resp: 421197
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#18
Methyl Acetate
Concen: 39.756 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 43 Resp: 90538
Ion Ratio Lower Upper
43 100
74 31.2 26.4 39.6

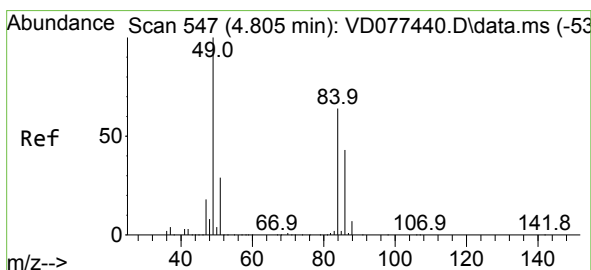
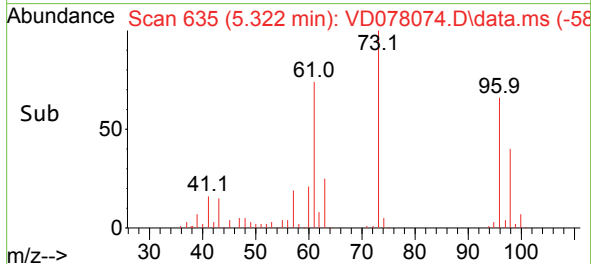
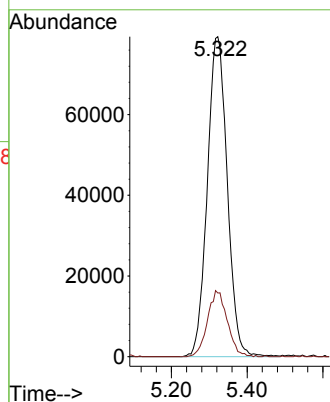
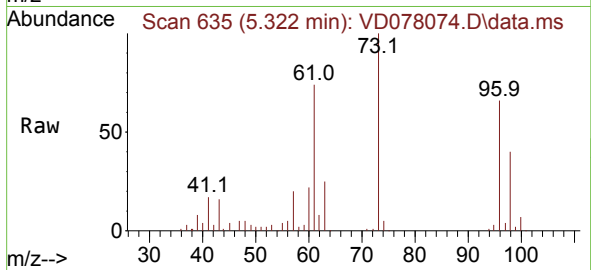




#19
Methyl tert-butyl Ether
Concen: 46.344 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

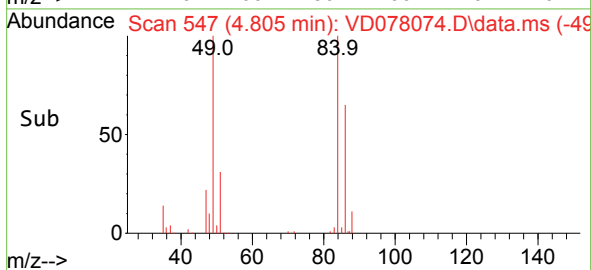
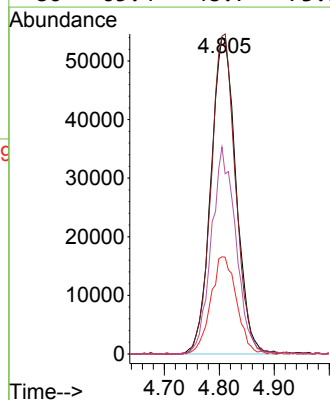
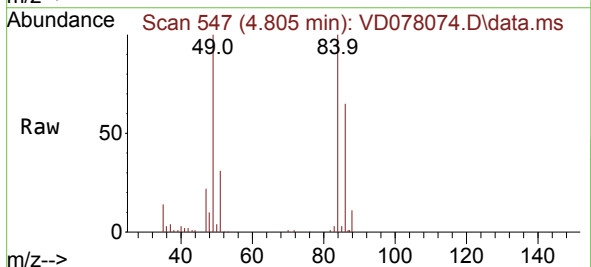
Instrument :
MSVOA_D
ClientSampleId :

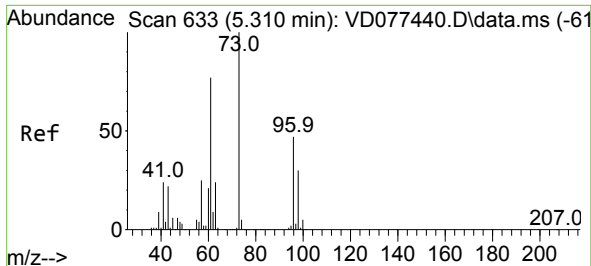
Tgt Ion: 73 Resp: 290041
Ion Ratio Lower Upper
73 100
57 19.9 16.6 25.0



#20
Methylene Chloride
Concen: 50.222 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

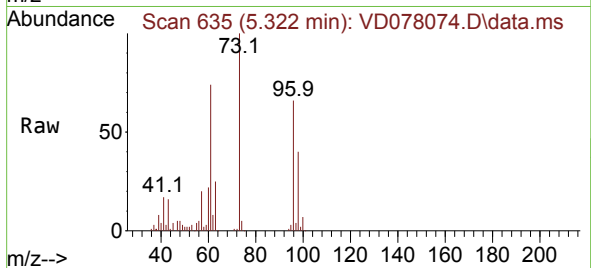
Tgt Ion: 84 Resp: 171914
Ion Ratio Lower Upper
84 100
49 100.4 71.4 107.2
51 30.7 24.5 36.7
86 65.4 48.7 73.1



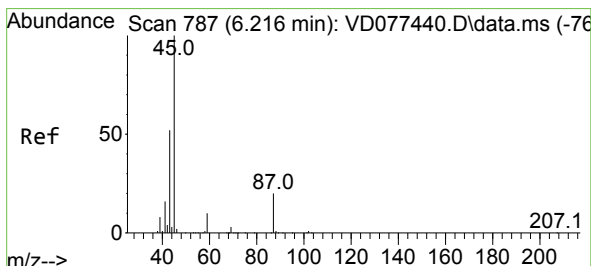
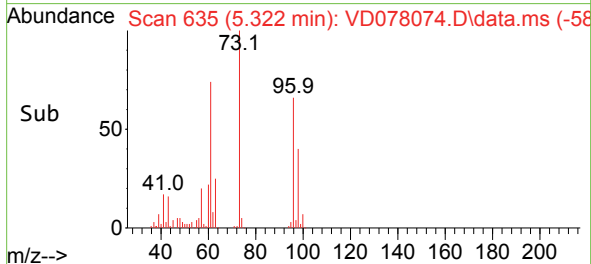
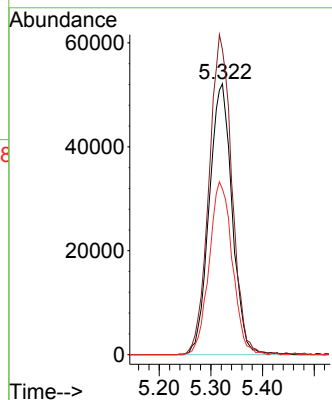


#21
trans-1,2-Dichloroethene
Concen: 48.154 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Instrument :
MSVOA_D
ClientSampleId :

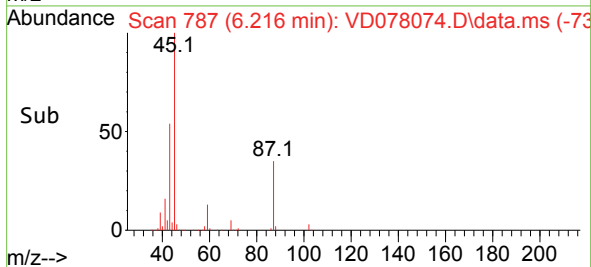
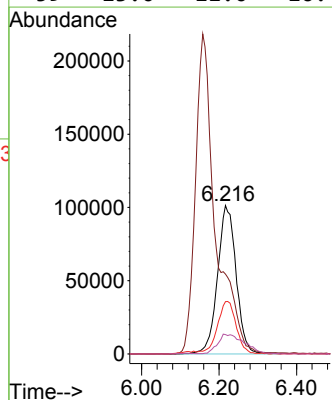
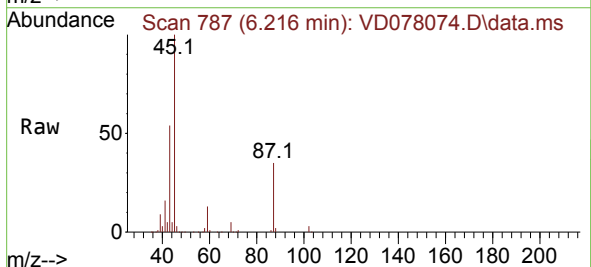


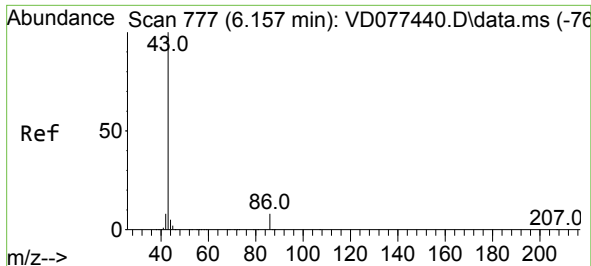
Tgt Ion: 96 Resp: 160887
Ion Ratio Lower Upper
96 100
61 112.3 89.3 133.9
98 61.1 48.6 73.0



#22
Diisopropyl ether
Concen: 39.886 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 45 Resp: 338151
Ion Ratio Lower Upper
45 100
43 53.0 40.0 60.0
87 35.2 28.2 42.4
59 13.0 11.0 16.4

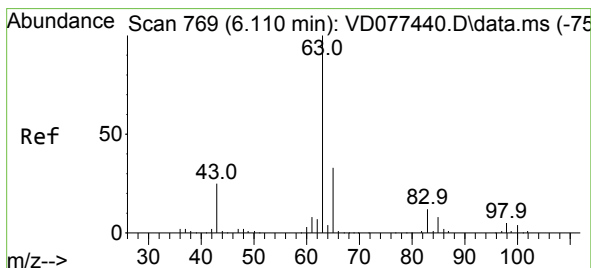
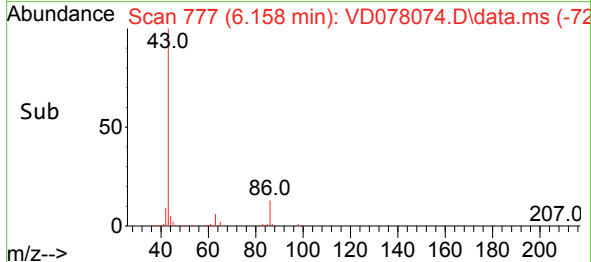
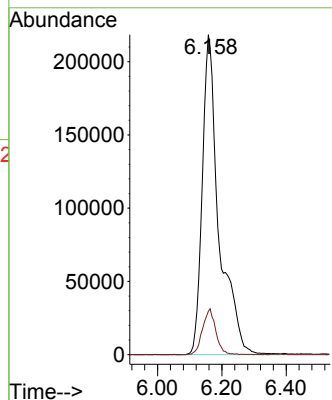
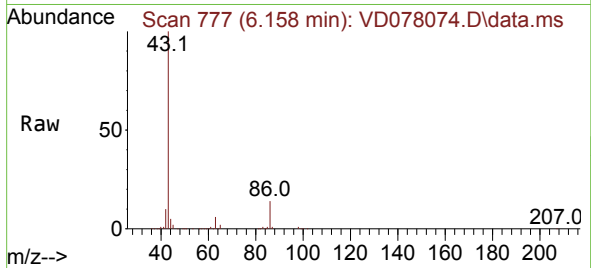




#23
 Vinyl Acetate
 Concen: 190.353 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

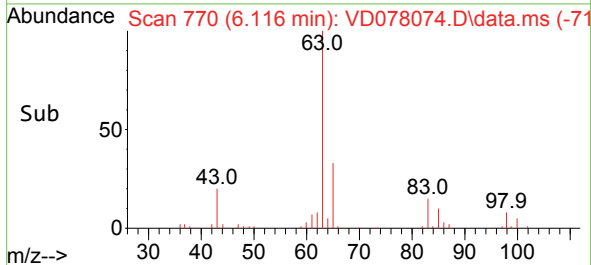
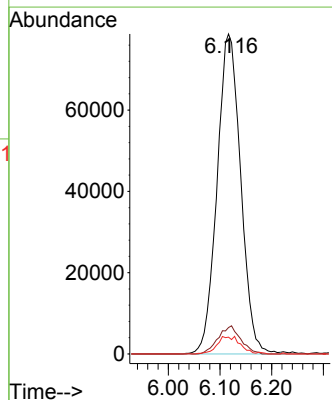
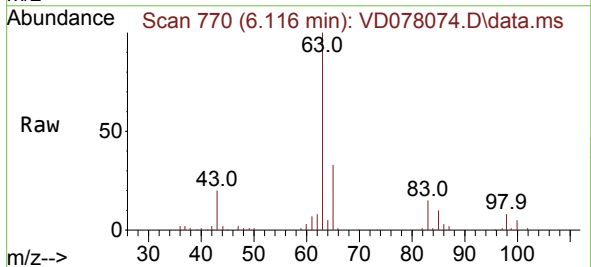
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 788082
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 43.509 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

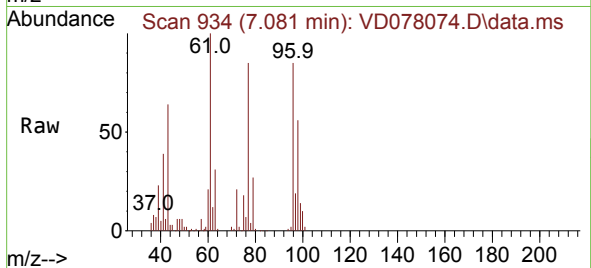
Tgt Ion: 63 Resp: 249794
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 5.2 2.5 7.5



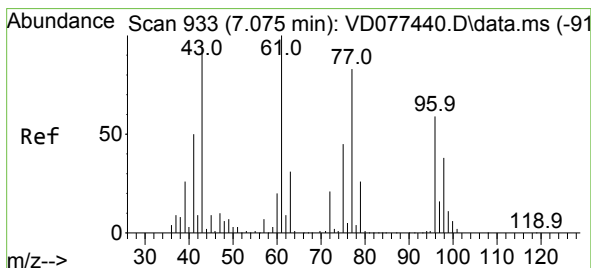
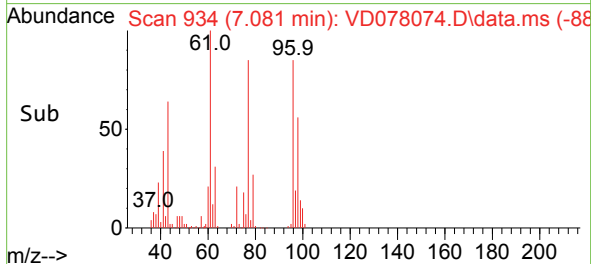
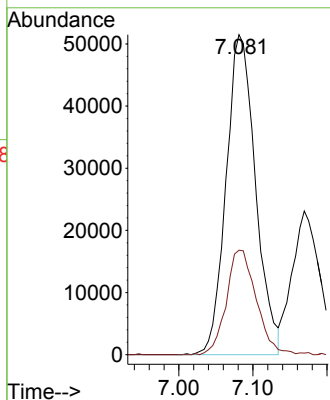


#25
2-Butanone
Concen: 174.175 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Instrument :
MSVOA_D
ClientSampleId :

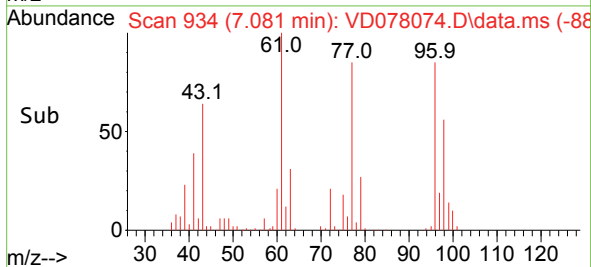
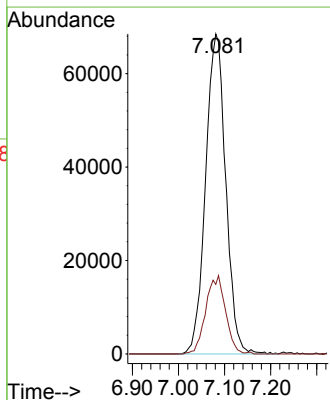
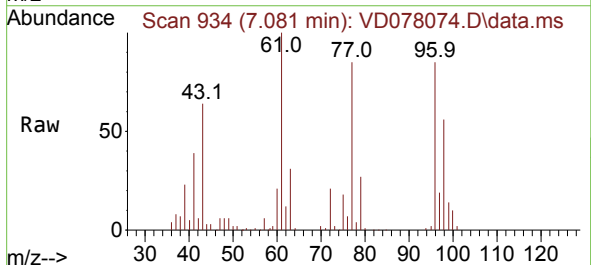


Tgt Ion: 43 Resp: 142068
Ion Ratio Lower Upper
43 100
72 32.6 30.7 46.1



#26
2,2-Dichloropropane
Concen: 43.213 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 77 Resp: 208304
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 50.649 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

ClientSampleId :

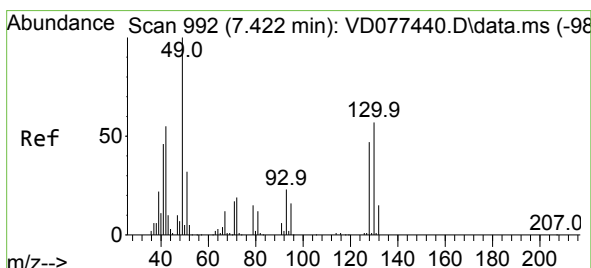
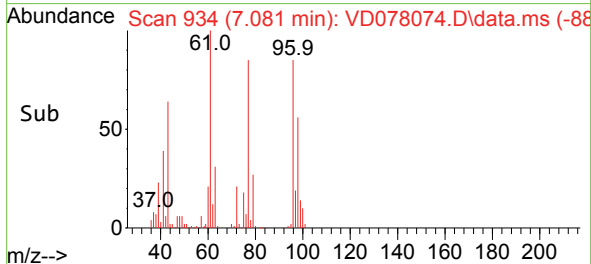
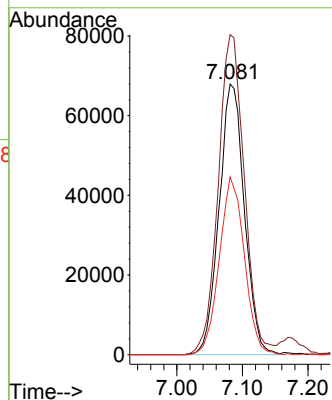
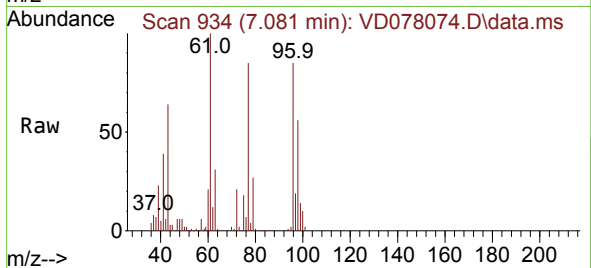
Tgt Ion: 96 Resp: 182090

Ion Ratio Lower Upper

96 100

61 122.2 0.0 239.2

98 65.0 0.0 128.6



#28

Bromochloromethane

Concen: 36.716 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

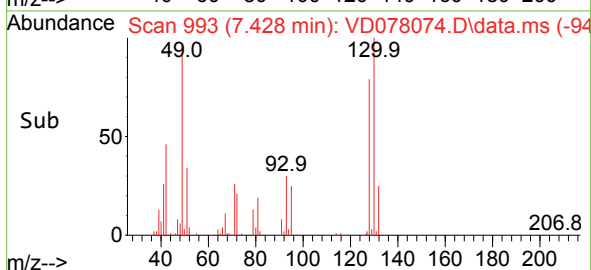
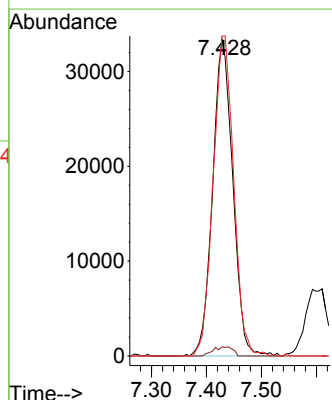
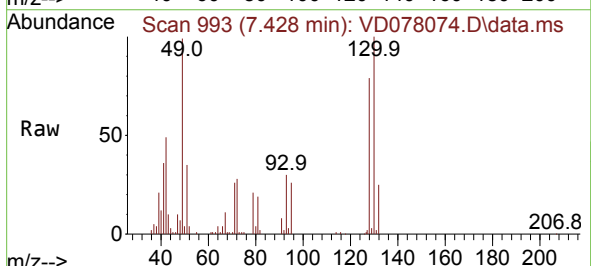
Tgt Ion: 49 Resp: 85178

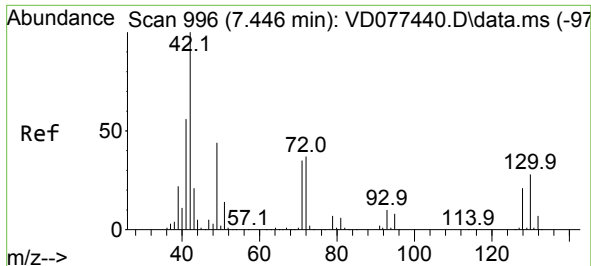
Ion Ratio Lower Upper

49 100

129 2.8 0.0 6.0

130 102.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 176.997 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

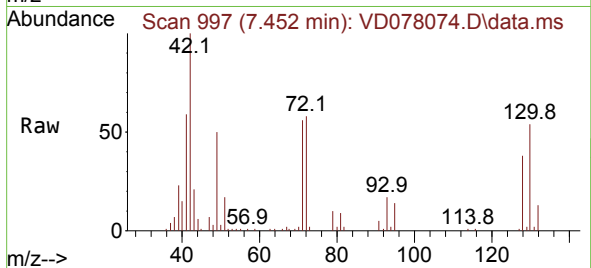
Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

ClientSampleId :



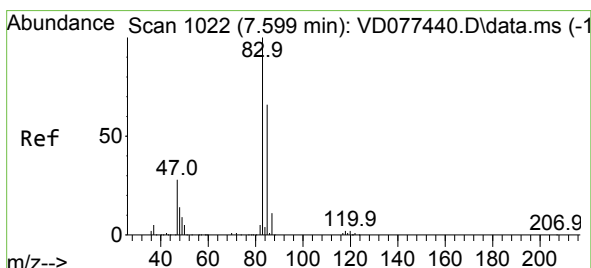
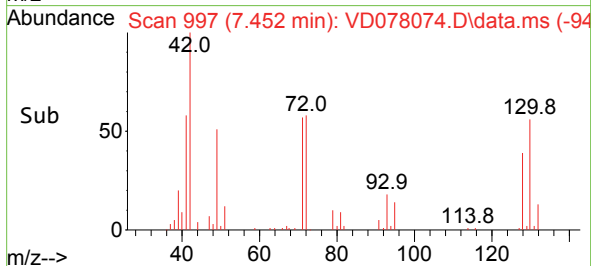
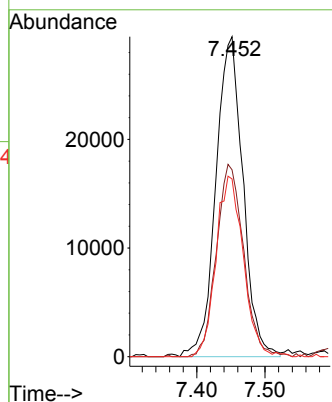
Tgt Ion: 42 Resp: 81502

Ion Ratio Lower Upper

42 100

72 60.4 46.5 69.7

71 56.4 44.5 66.7



#30

Chloroform

Concen: 46.842 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078074.D

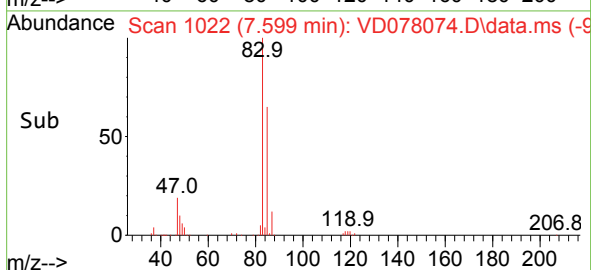
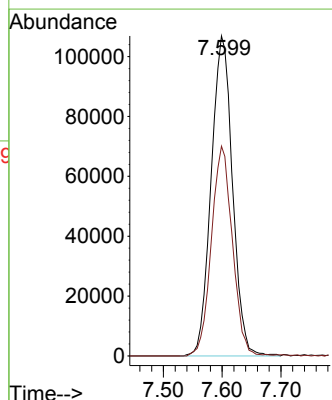
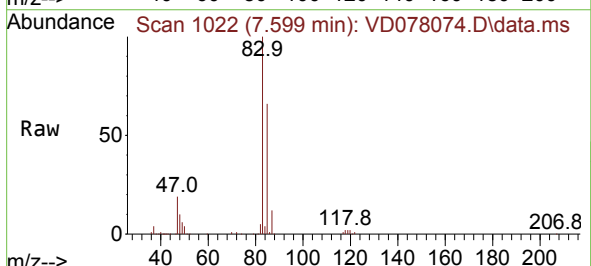
Acq: 22 Dec 2023 19:50

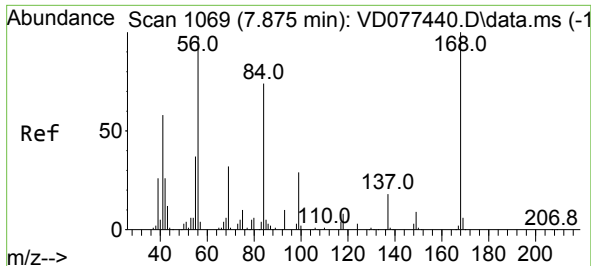
Tgt Ion: 83 Resp: 269154

Ion Ratio Lower Upper

83 100

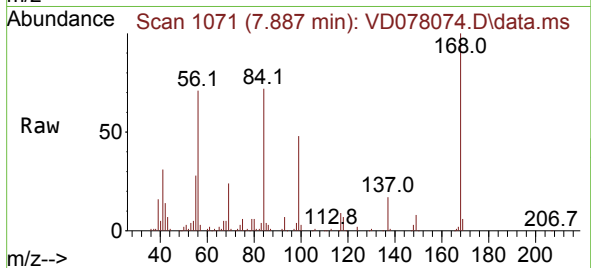
85 65.5 53.4 80.2



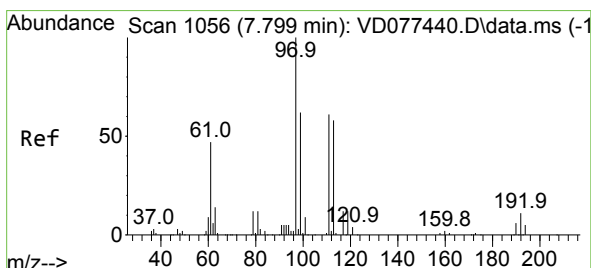
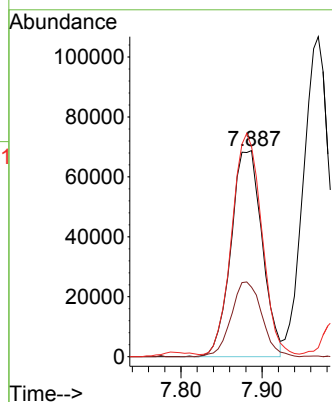
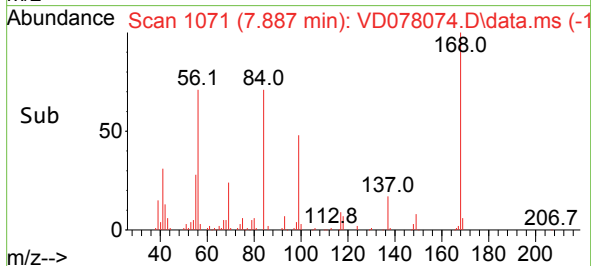


#31
Cyclohexane
Concen: 35.649 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

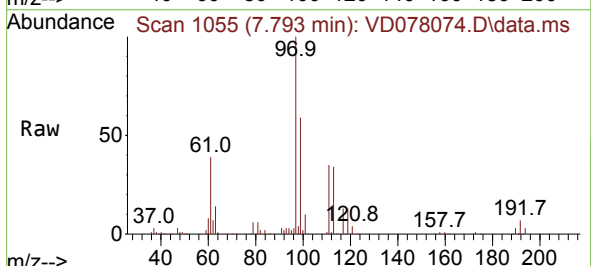
Instrument :
MSVOA_D
ClientSampleId :



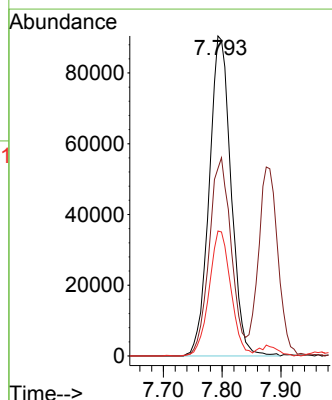
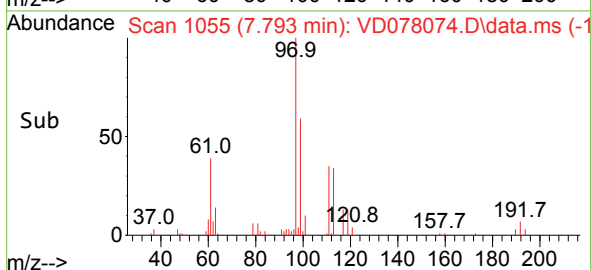
Tgt Ion: 56 Resp: 183356
Ion Ratio Lower Upper
56 100
69 33.7 28.6 43.0
84 100.0 84.8 127.2

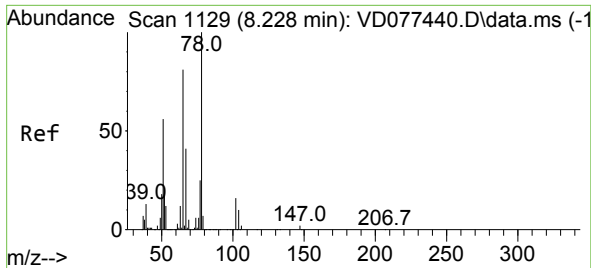


#32
1,1,1-Trichloroethane
Concen: 46.105 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50



Tgt Ion: 97 Resp: 233542
Ion Ratio Lower Upper
97 100
99 62.4 52.0 78.0
61 38.8 33.8 50.8

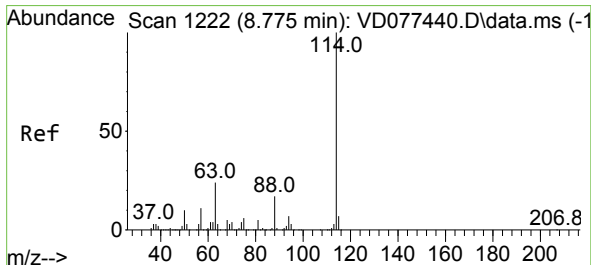
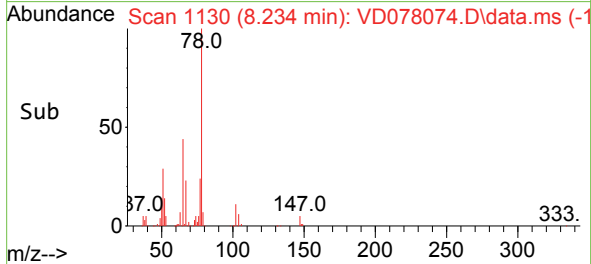
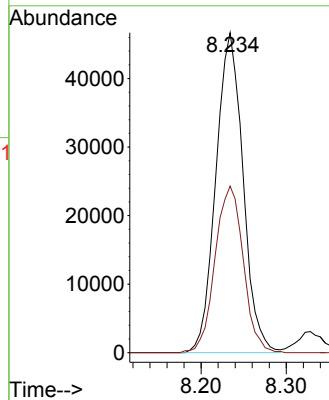
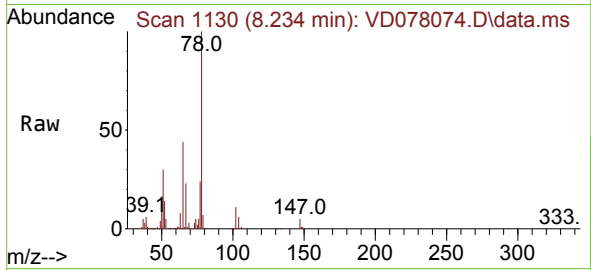




#33
1,2-Dichloroethane-d4
Concen: 35.786 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

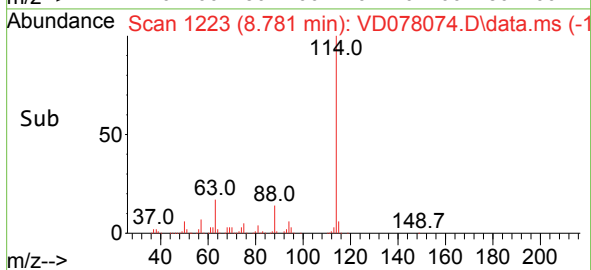
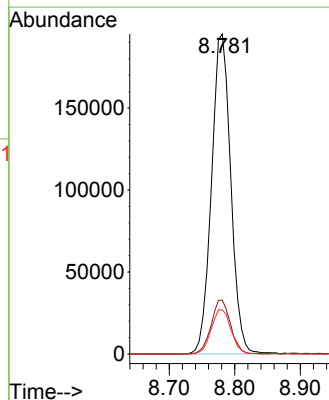
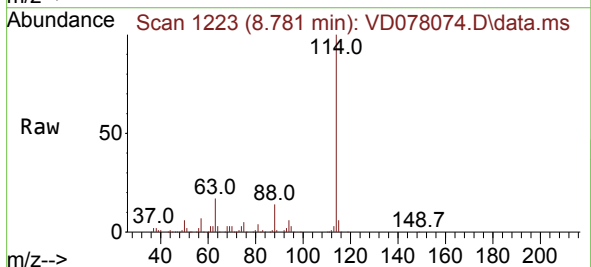
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 103481
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion:114 Resp: 397908
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.4
88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.739 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

ClientSampleId :

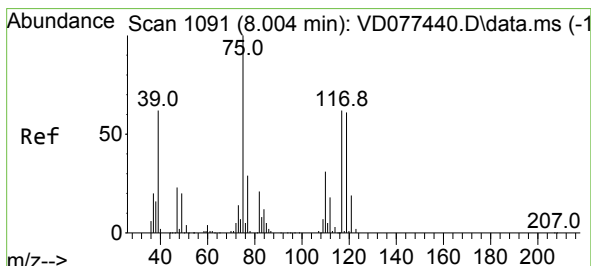
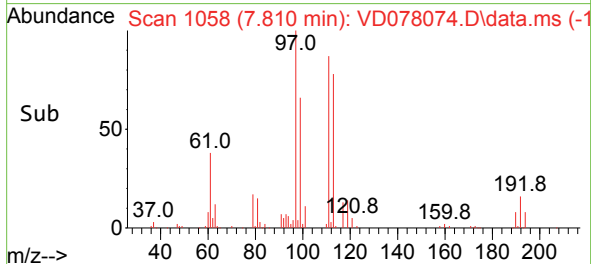
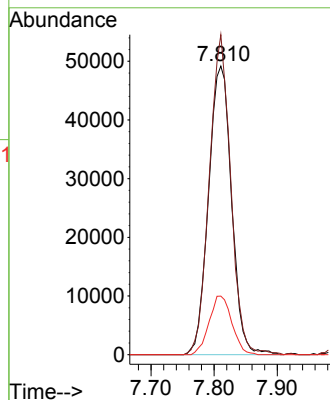
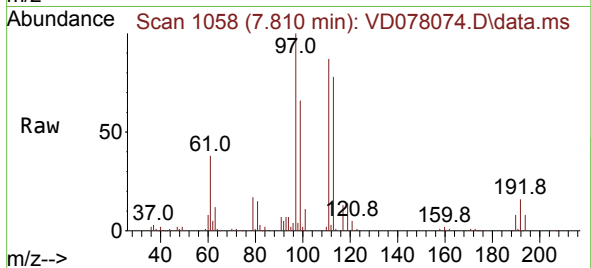
Tgt Ion:113 Resp: 124697

Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 20.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 45.037 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

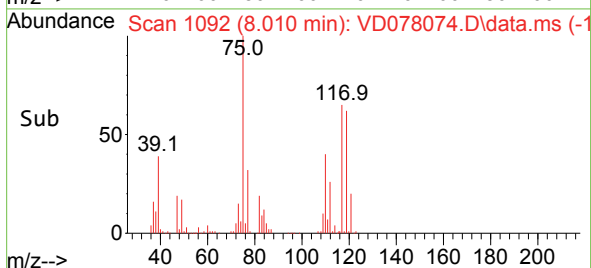
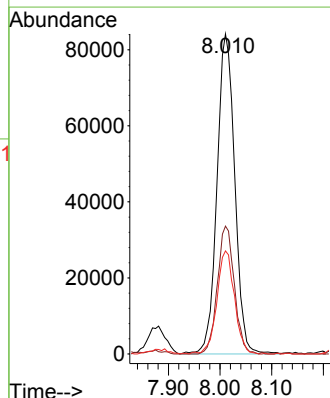
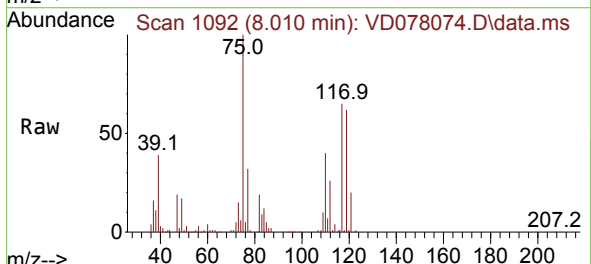
Tgt Ion: 75 Resp: 200790

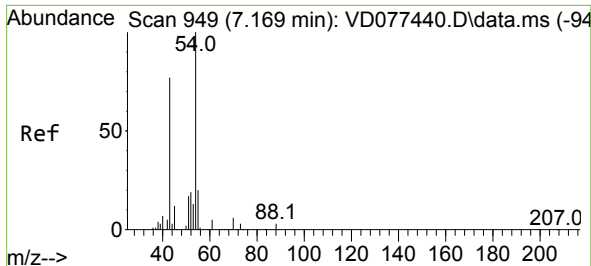
Ion Ratio Lower Upper

75 100

110 38.1 19.9 59.6

77 32.0 24.7 37.1

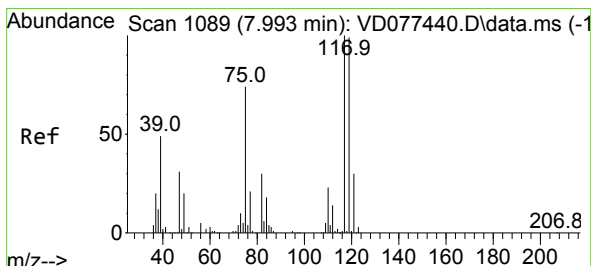
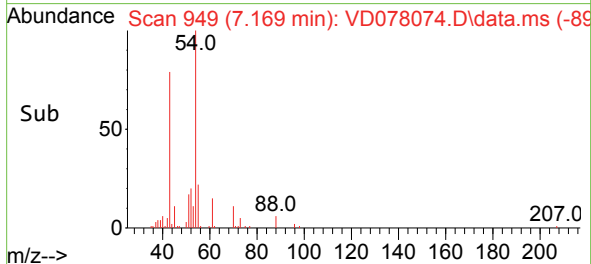
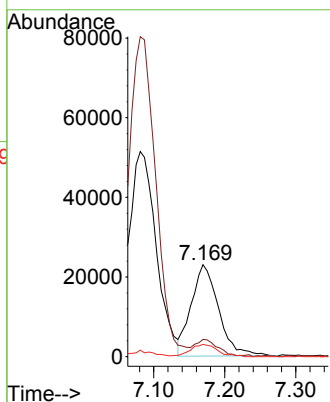
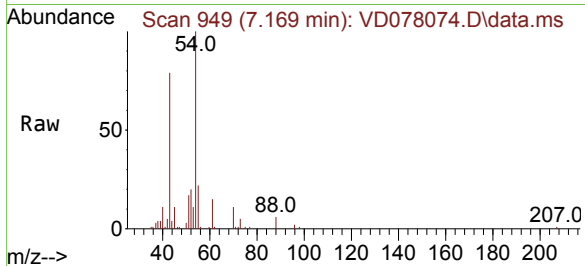




#37
Ethyl Acetate
Concen: 35.369 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

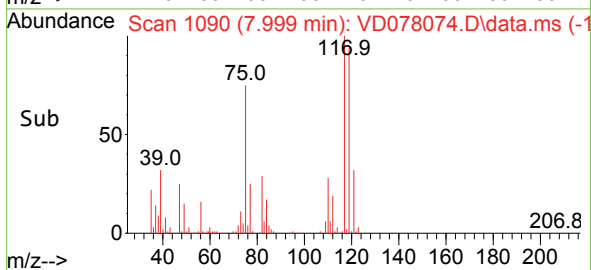
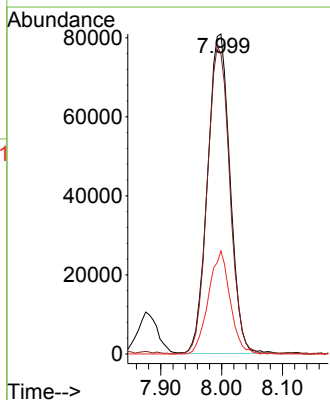
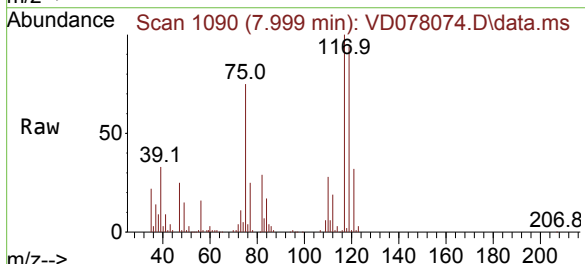
Instrument :
MSVOA_D
ClientSampleId :

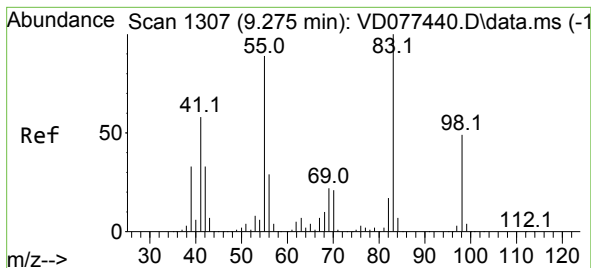
Tgt Ion: 43 Resp: 61485
Ion Ratio Lower Upper
43 100
61 13.8 14.9 22.3#
70 13.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 46.638 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 117 Resp: 207290
Ion Ratio Lower Upper
117 100
119 93.8 78.0 117.0
121 32.3 24.2 36.2





#39

Methylcyclohexane

Concen: 43.493 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

ClientSampleId :

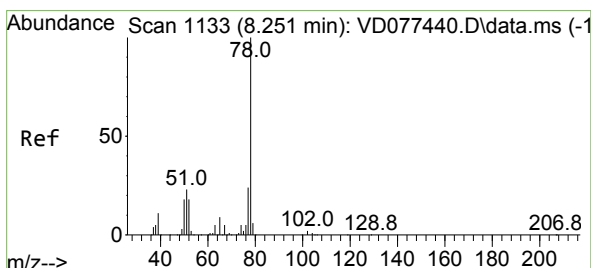
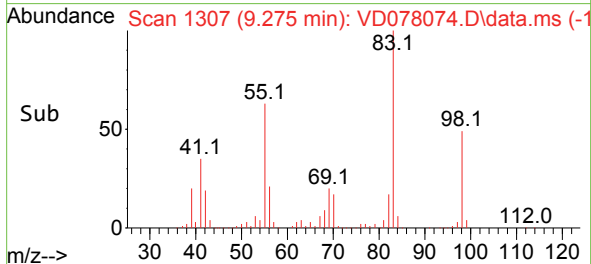
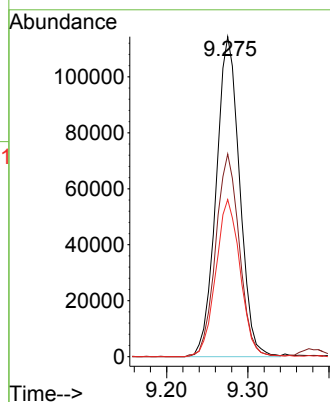
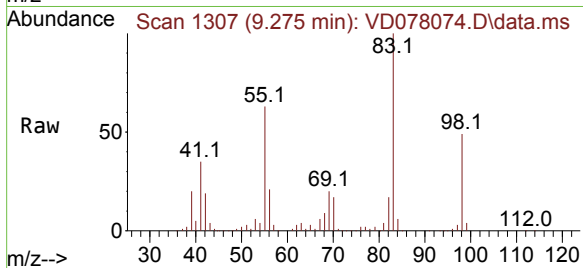
Tgt Ion: 83 Resp: 229872

Ion Ratio Lower Upper

83 100

55 63.3 49.4 74.0

98 49.1 38.4 57.6



#40

Benzene

Concen: 46.619 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD078074.D

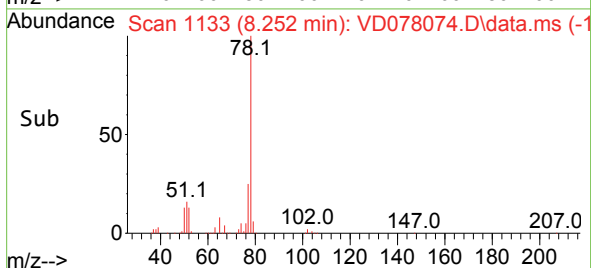
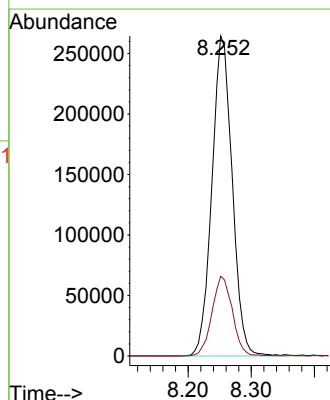
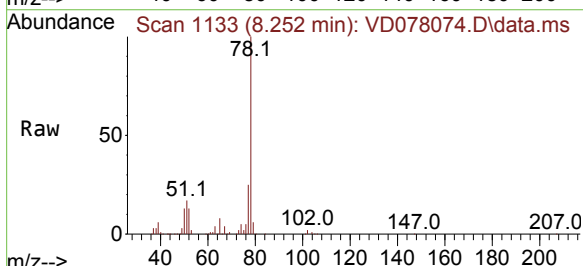
Acq: 22 Dec 2023 19:50

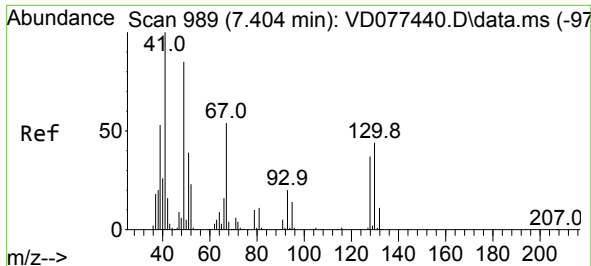
Tgt Ion: 78 Resp: 589897

Ion Ratio Lower Upper

78 100

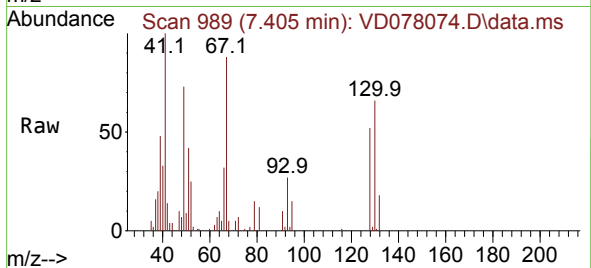
77 24.9 19.4 29.0



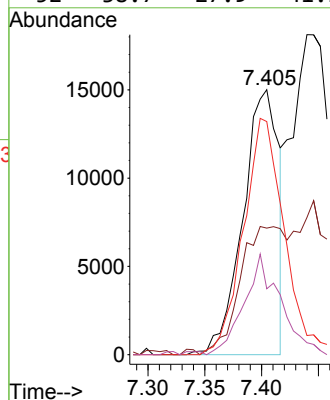
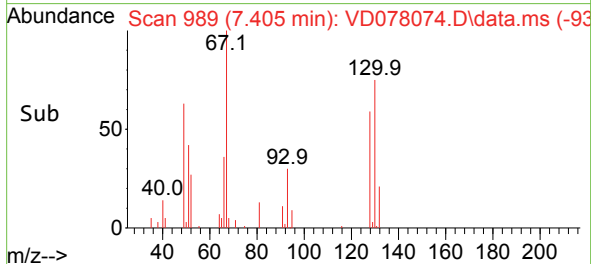


#41
Methacrylonitrile
Concen: 37.132 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

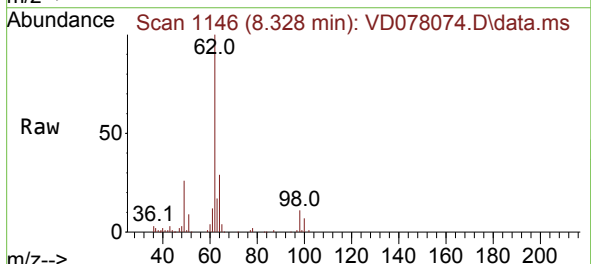
Instrument :
MSVOA_D
ClientSampleId :



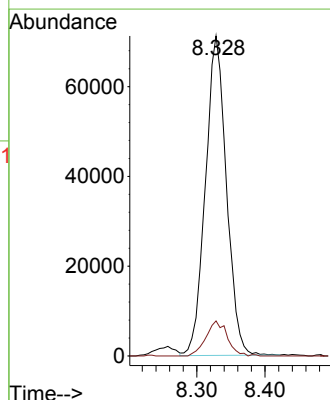
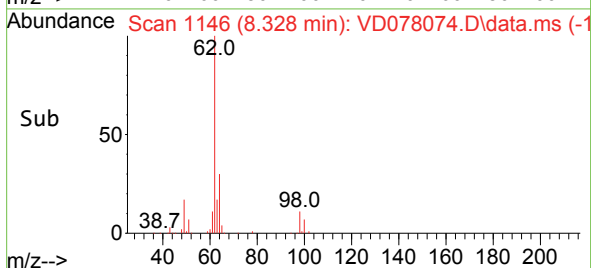
Tgt Ion: 41 Resp: 32808
Ion Ratio Lower Upper
41 100
39 61.9 34.0 51.0#
67 101.9 77.0 115.4
52 38.7 27.9 41.9

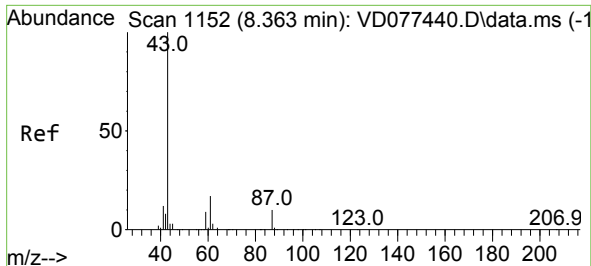


#42
1,2-Dichloroethane
Concen: 46.605 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50



Tgt Ion: 62 Resp: 152862
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.4

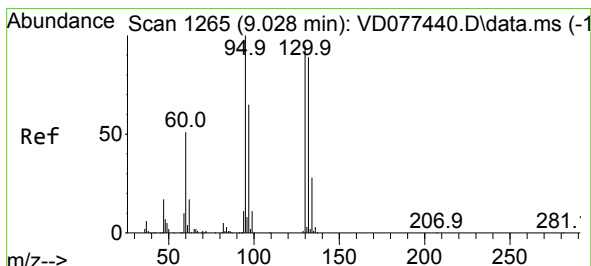
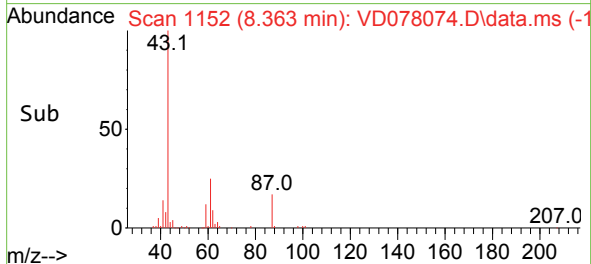
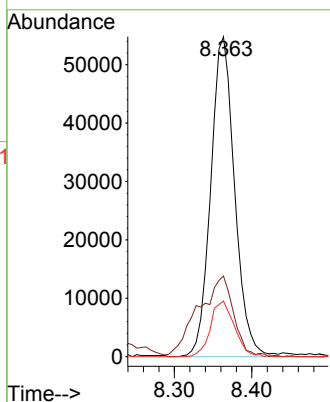
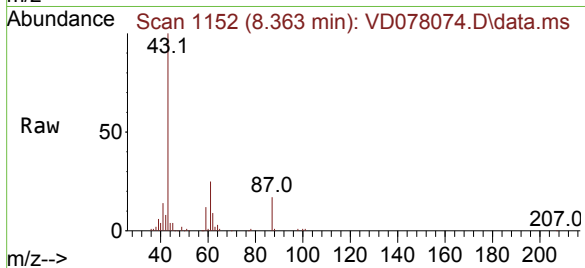




#43
Isopropyl Acetate
Concen: 37.996 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

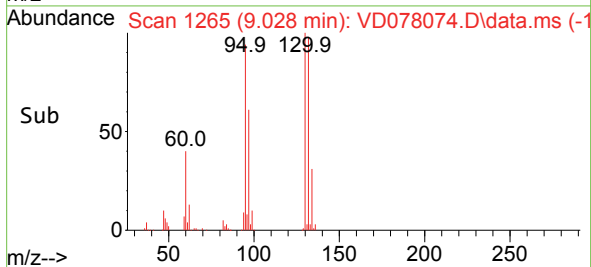
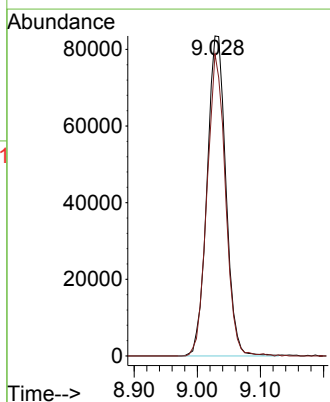
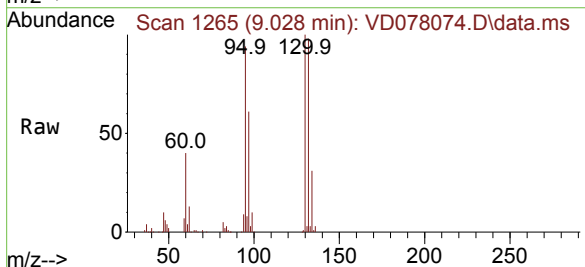
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 117414
Ion Ratio Lower Upper
43 100
61 37.2 31.4 47.0
87 17.5 14.9 22.3



#44
Trichloroethene
Concen: 52.507 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion:130 Resp: 173142
Ion Ratio Lower Upper
130 100
95 94.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 45.126 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

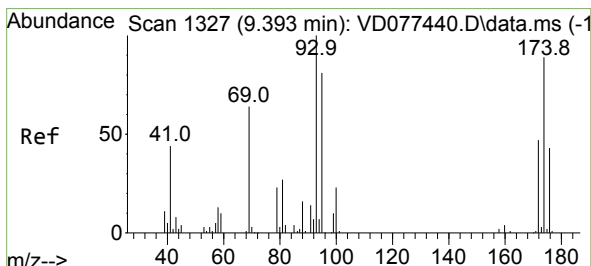
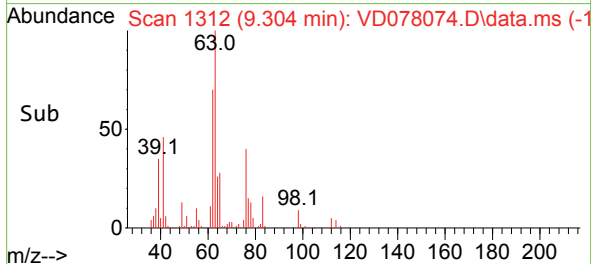
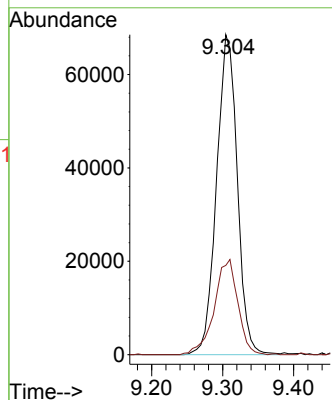
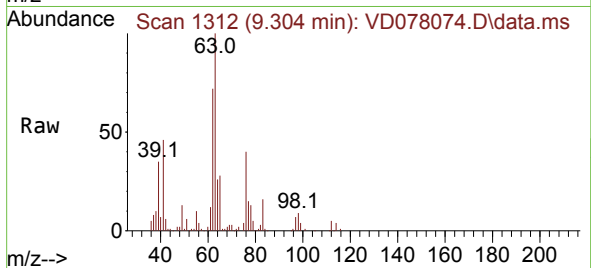
ClientSampleId :

Tgt Ion: 63 Resp: 138809

Ion Ratio Lower Upper

63 100

65 27.9 24.5 36.7



#46

Dibromomethane

Concen: 50.167 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

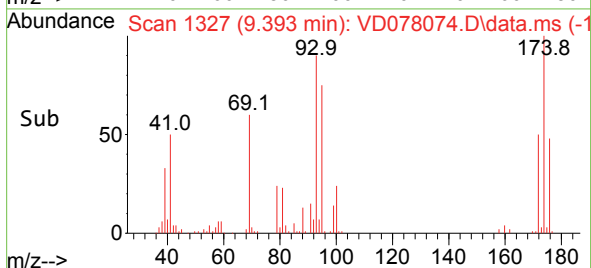
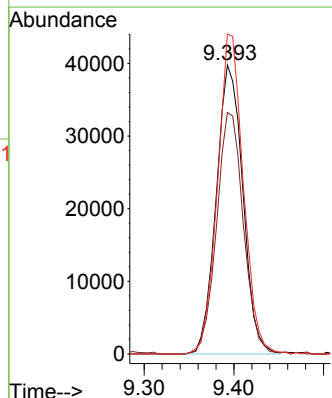
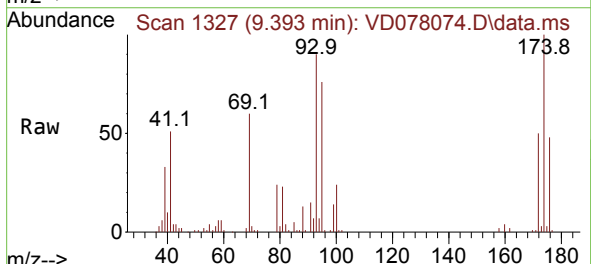
Tgt Ion: 93 Resp: 81651

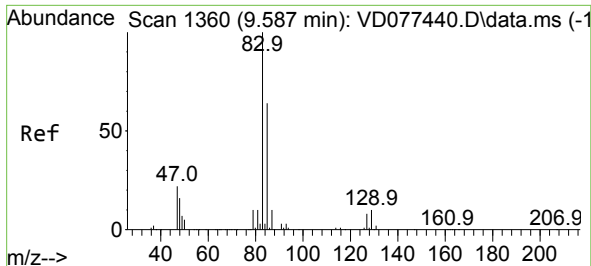
Ion Ratio Lower Upper

93 100

95 84.3 67.7 101.5

174 107.6 85.4 128.2

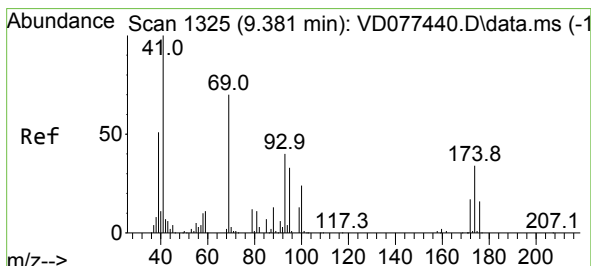
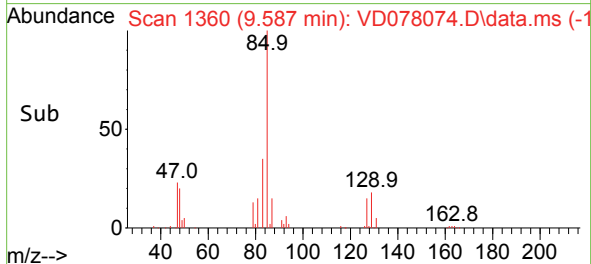
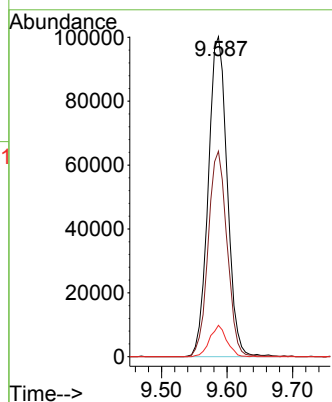
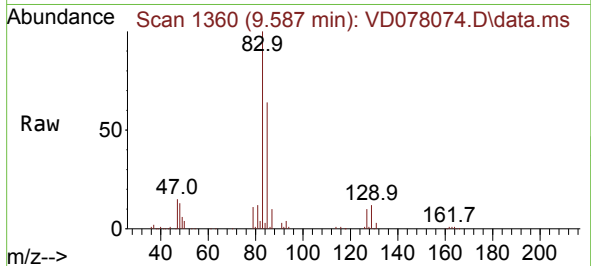




#47
Bromodichloromethane
Concen: 48.777 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

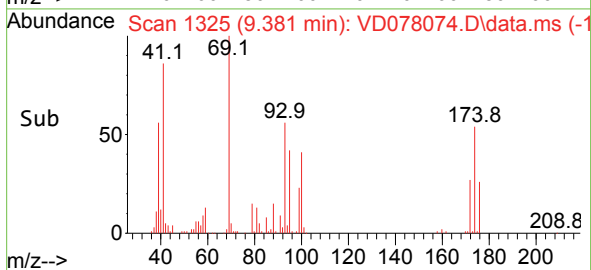
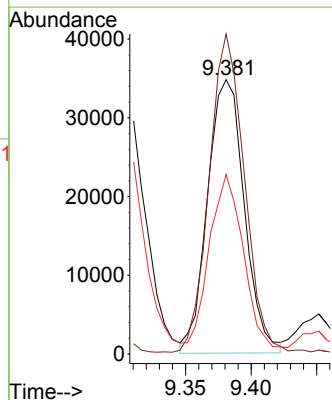
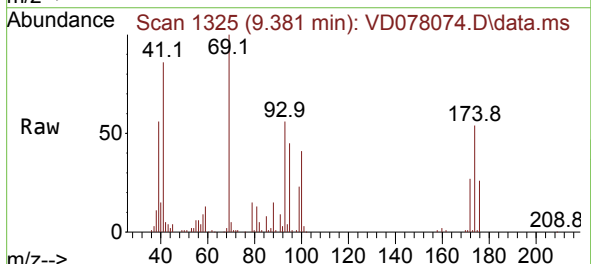
Instrument :
MSVOA_D
ClientSampleId :

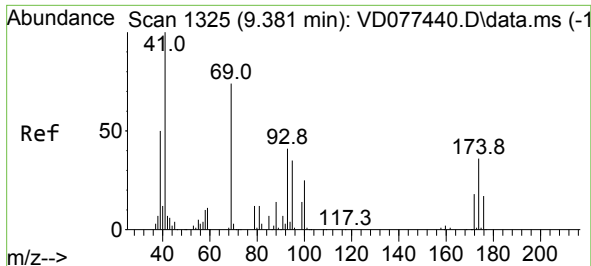
Tgt Ion: 83 Resp: 201224
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 9.8 6.3 9.5#



#48
Methyl methacrylate
Concen: 38.614 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 41 Resp: 67830
Ion Ratio Lower Upper
41 100
69 113.4 102.2 153.2
39 57.6 41.4 62.2





#49

1,4-Dioxane

Concen: 870.287 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

ClientSampleId :

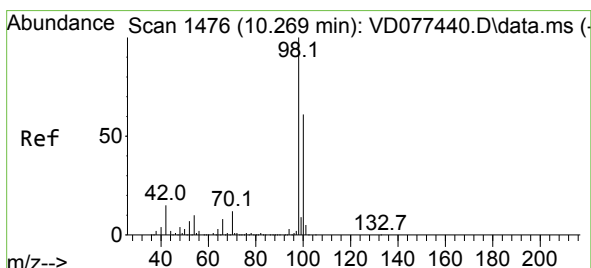
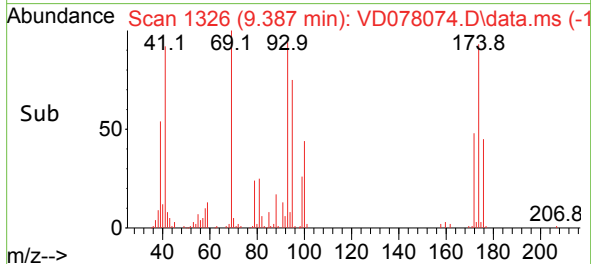
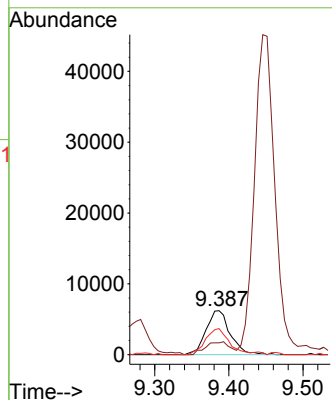
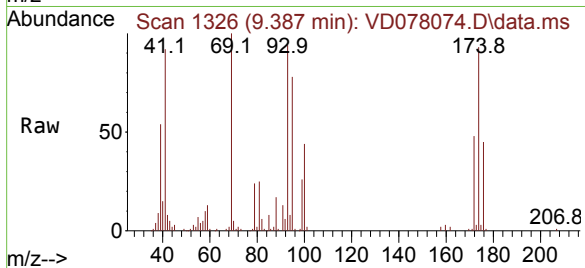
Tgt Ion: 88 Resp: 14065

Ion Ratio Lower Upper

88 100

43 29.8 19.0 28.6#

58 60.1 43.5 65.3



#50

Toluene-d8

Concen: 39.803 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078074.D

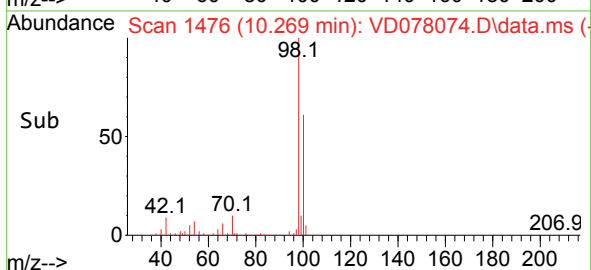
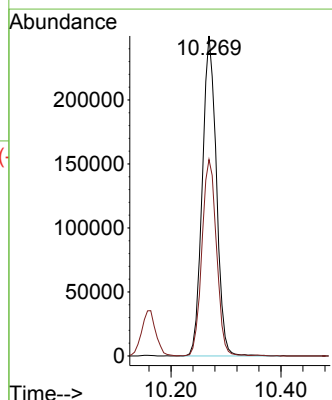
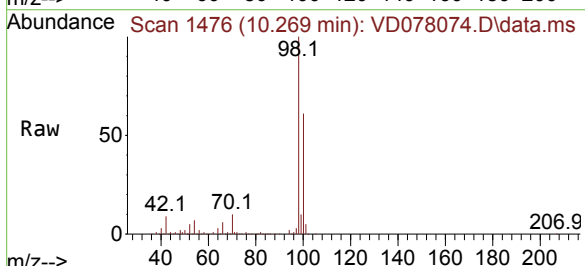
Acq: 22 Dec 2023 19:50

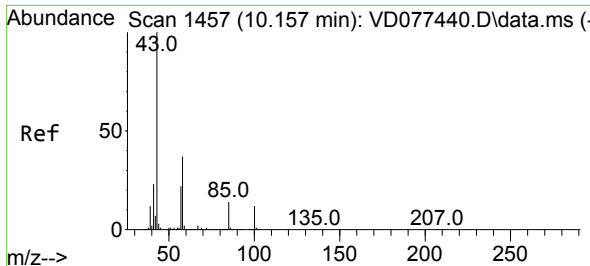
Tgt Ion: 98 Resp: 444324

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5

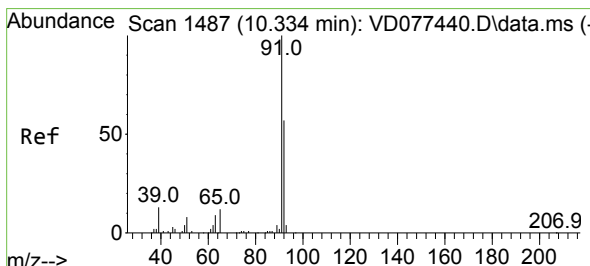
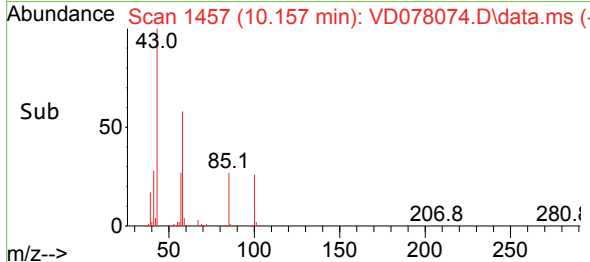
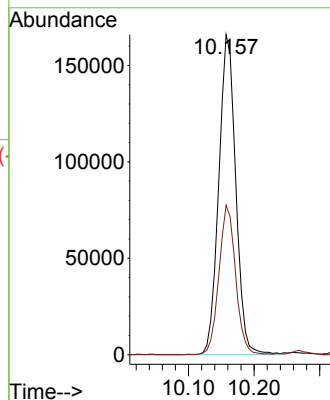
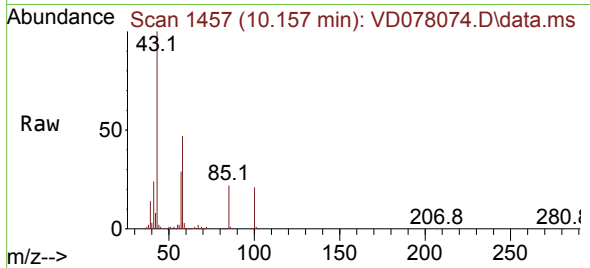




#51
4-Methyl-2-Pentanone
Concen: 188.891 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

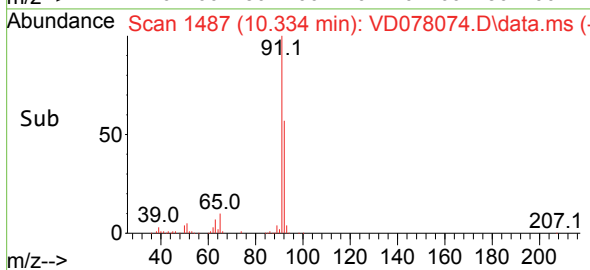
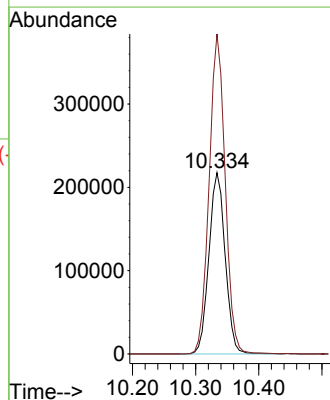
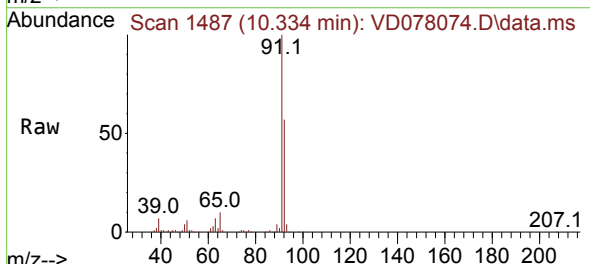
Instrument :
MSVOA_D
ClientSampleId :

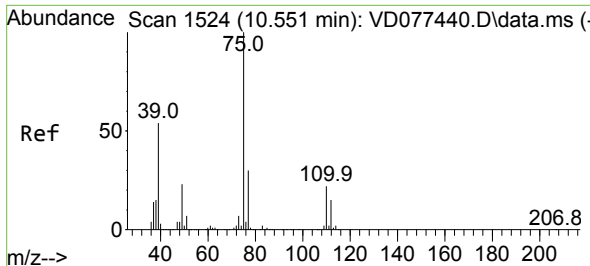
Tgt Ion: 43 Resp: 297903
Ion Ratio Lower Upper
43 100
58 45.9 38.9 58.3



#52
Toluene
Concen: 49.507 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 92 Resp: 388585
Ion Ratio Lower Upper
92 100
91 174.4 143.0 214.4

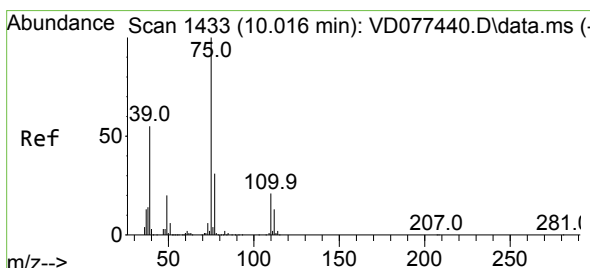
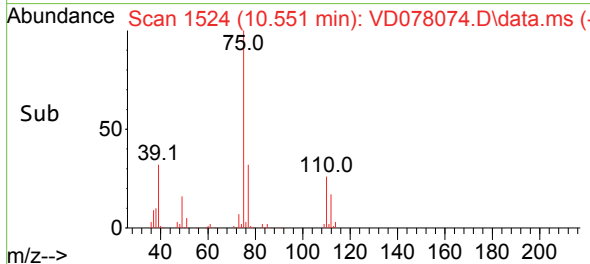
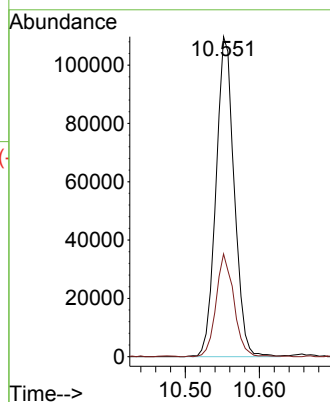
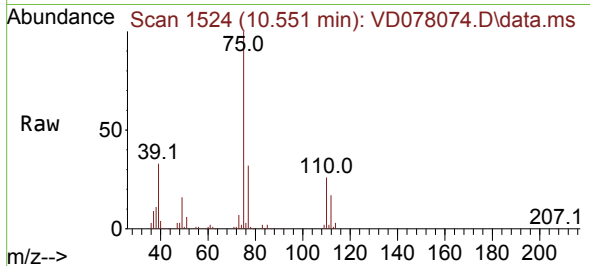




#53
t-1,3-Dichloropropene
Concen: 47.300 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

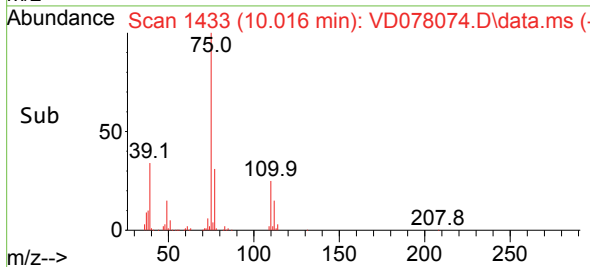
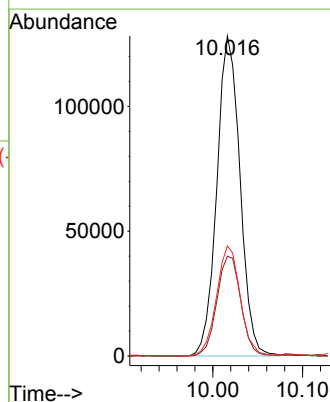
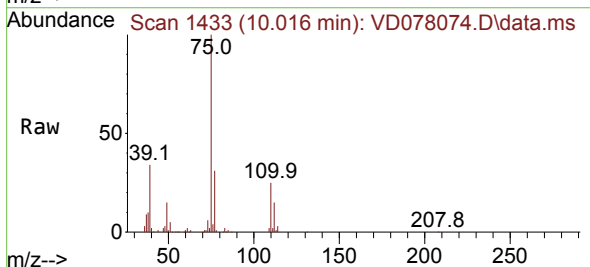
Instrument :
MSVOA_D
ClientSampleId :

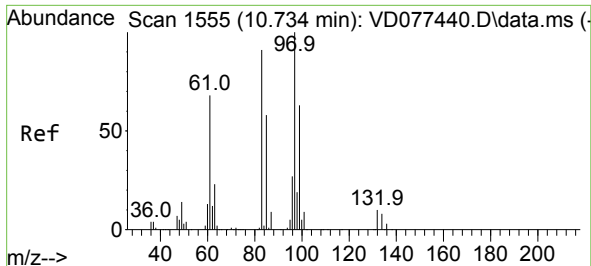
Tgt Ion: 75 Resp: 187380
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.010 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

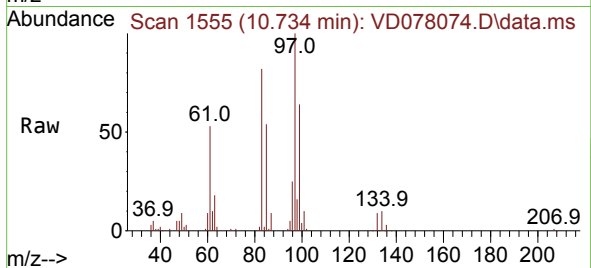
Tgt Ion: 75 Resp: 229953
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 34.4 22.1 33.1#



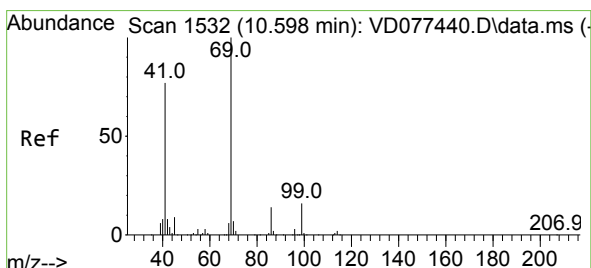
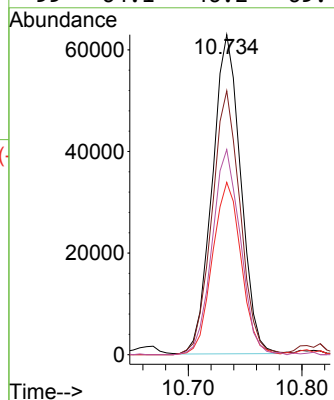
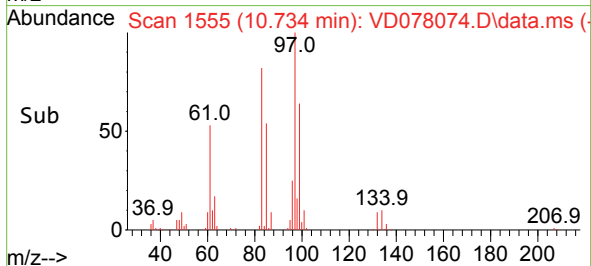


#55
 1,1,2-Trichloroethane
 Concen: 49.089 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

Instrument :
 MSVOA_D
 ClientSampleId :

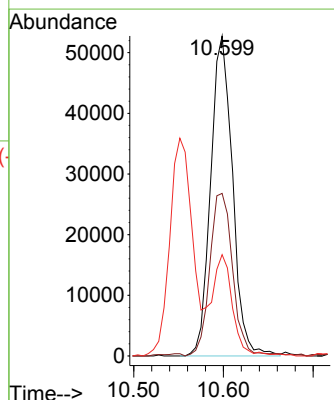
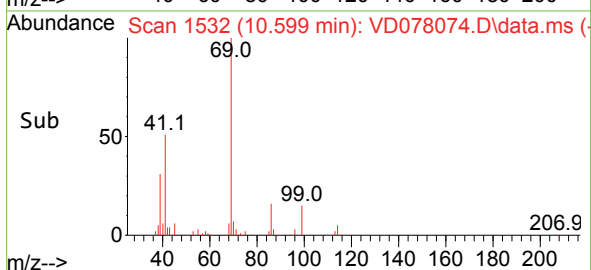
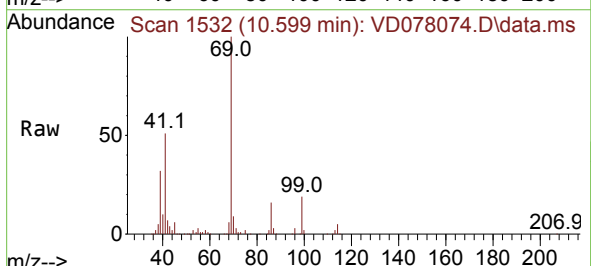


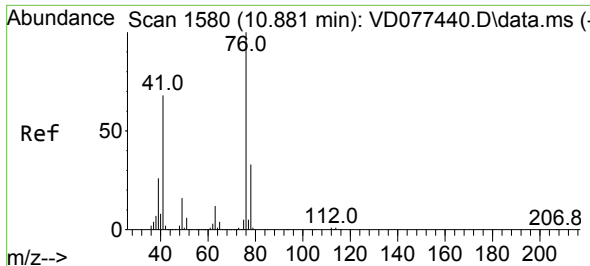
Tgt Ion:	97	Resp:	109286
Ion	Ratio	Lower	Upper
97	100		
83	82.3	65.8	98.6
85	53.8	45.7	68.5
99	64.1	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 45.487 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.001 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

Tgt Ion:	69	Resp:	89269
Ion	Ratio	Lower	Upper
69	100		
41	53.7	39.1	58.7
39	28.0	20.0	30.0

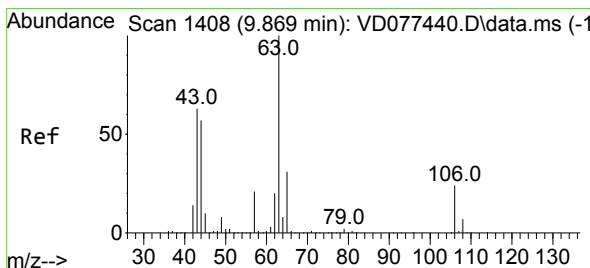
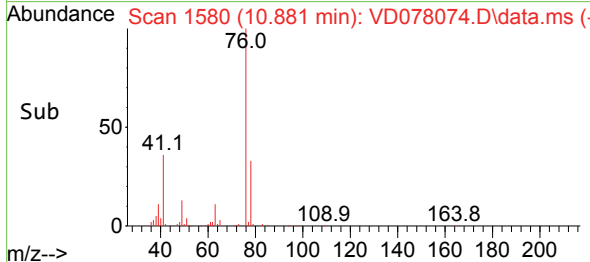
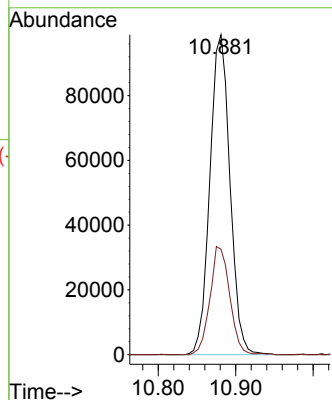
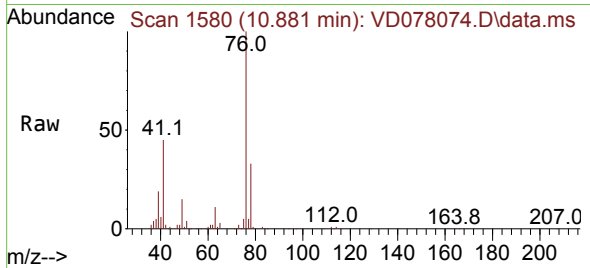




#57
1,3-Dichloropropane
Concen: 46.417 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

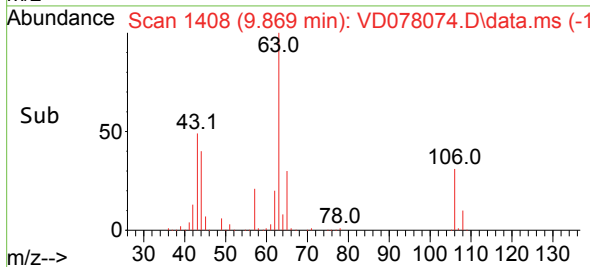
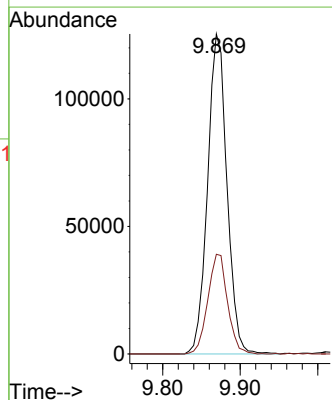
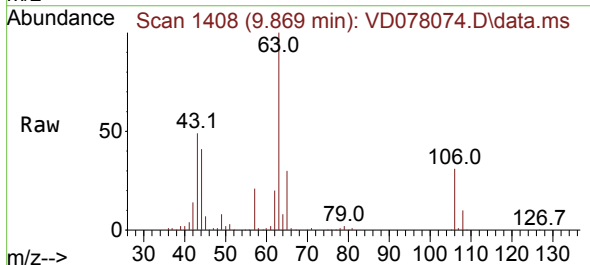
Instrument :
MSVOA_D
ClientSampleId :

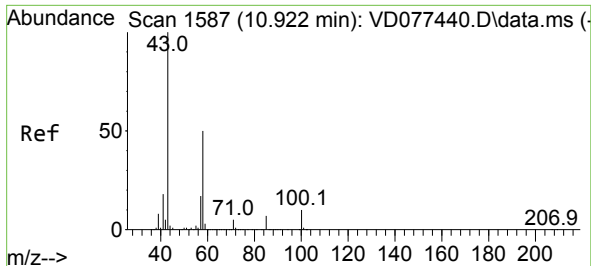
Tgt Ion: 76 Resp: 178123
Ion Ratio Lower Upper
76 100
78 33.3 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 194.319 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 63 Resp: 217478
Ion Ratio Lower Upper
63 100
106 31.7 25.3 37.9

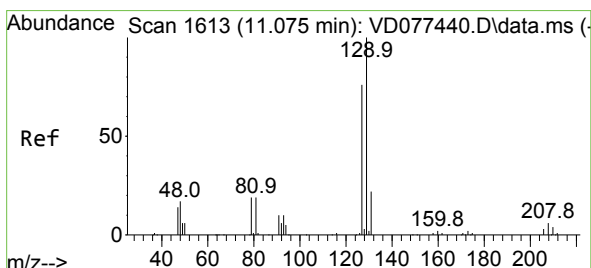
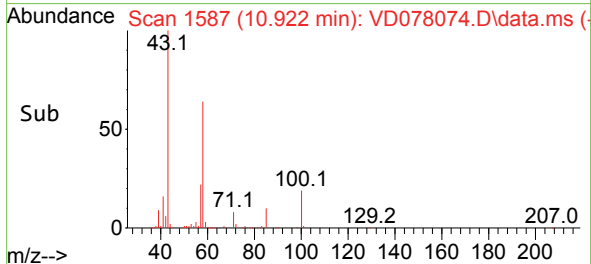
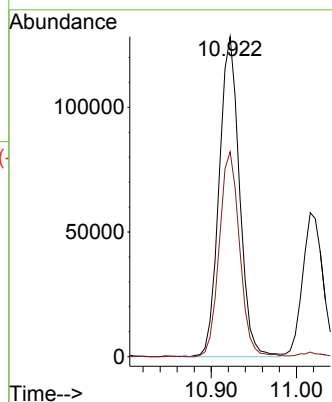
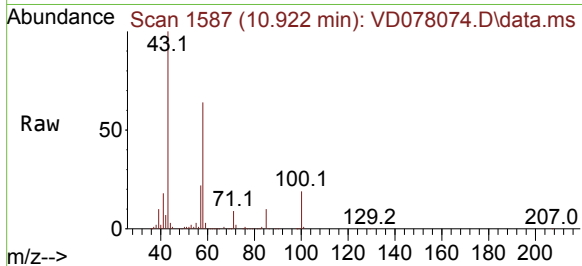




#59
2-Hexanone
Concen: 162.527 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

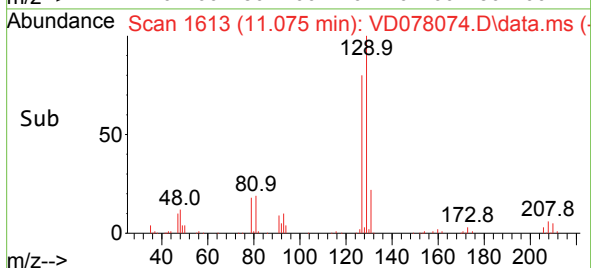
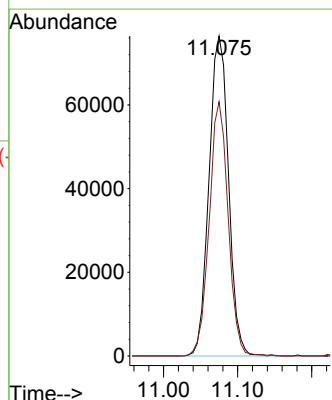
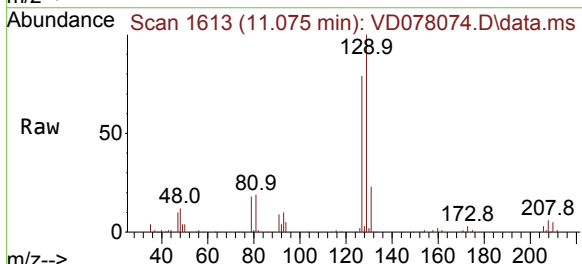
Instrument :
MSVOA_D
ClientSampleId :

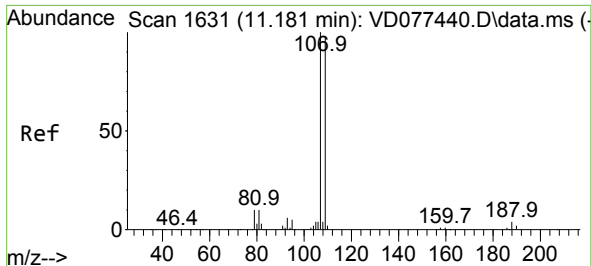
Tgt Ion: 43 Resp: 212659
Ion Ratio Lower Upper
43 100
58 63.9 34.1 102.2



#60
Dibromochloromethane
Concen: 52.166 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 129 Resp: 139824
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5

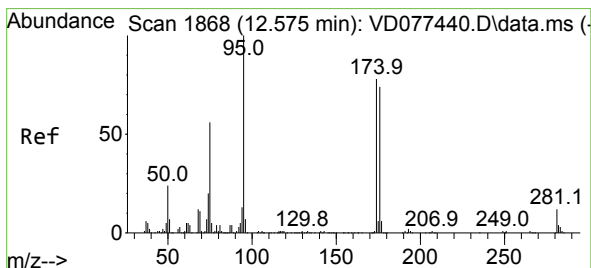
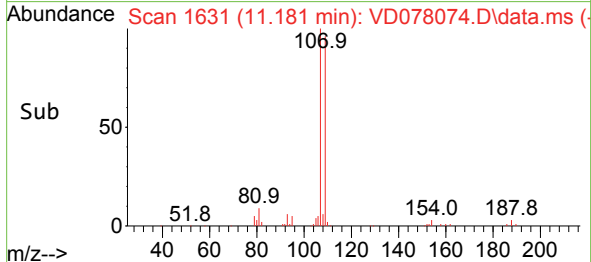
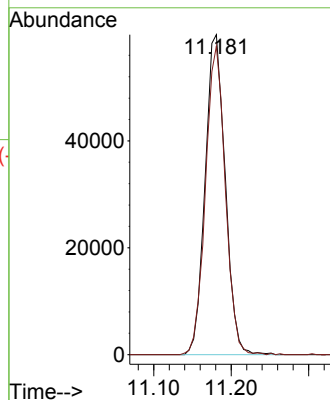
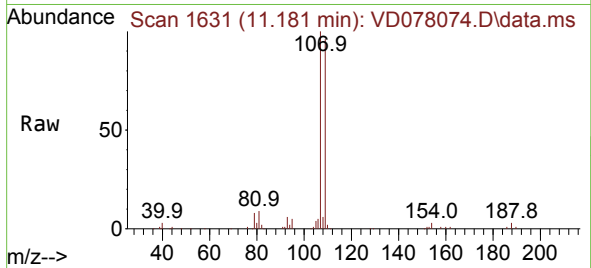




#61
1,2-Dibromoethane
Concen: 51.501 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

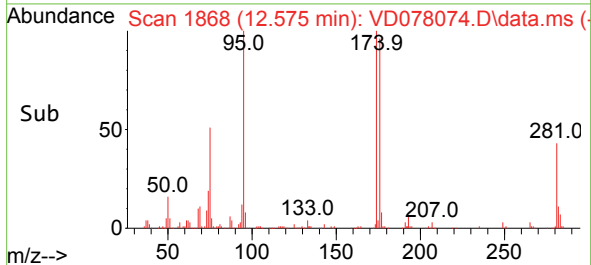
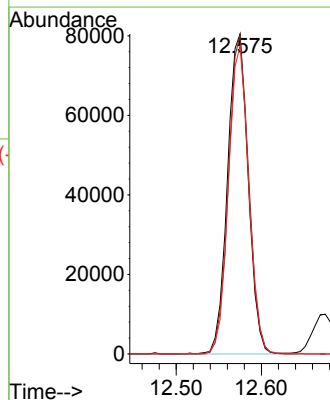
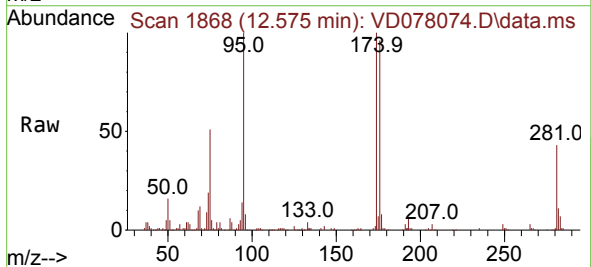
Instrument :
MSVOA_D
ClientSampleId :

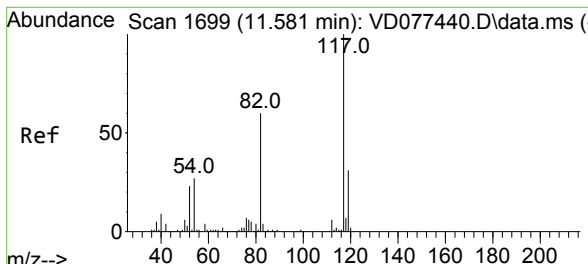
Tgt Ion:107 Resp: 107928
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 40.524 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 95 Resp: 135247
Ion Ratio Lower Upper
95 100
174 97.5 0.0 201.8
176 94.6 0.0 191.8

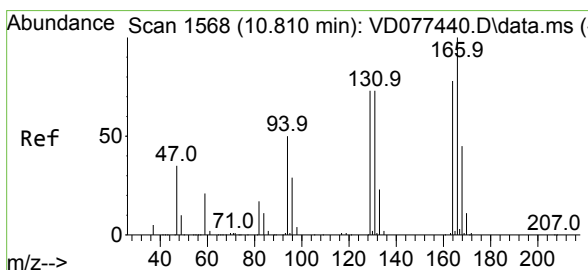
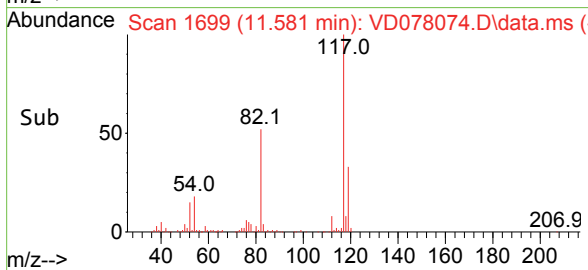
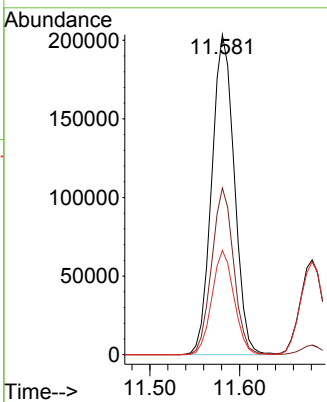
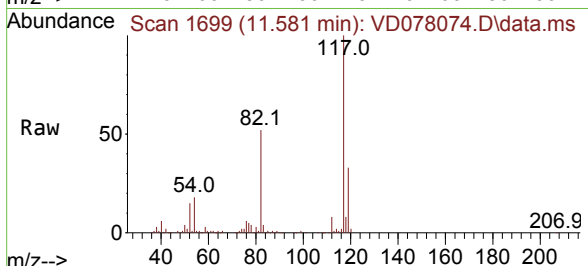




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

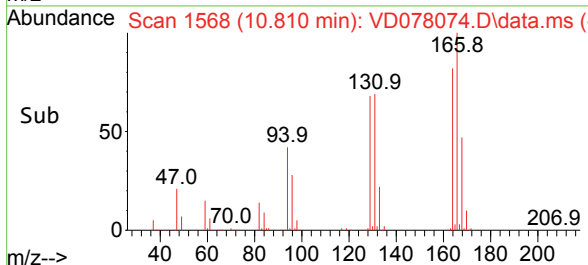
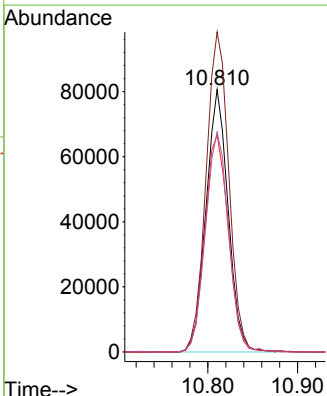
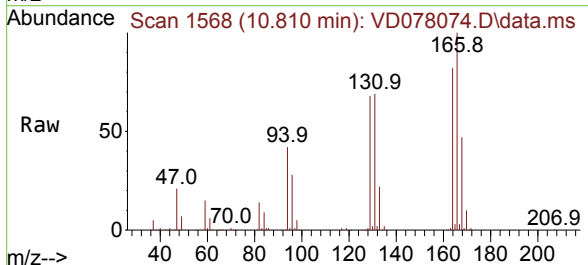
Instrument :
MSVOA_D
ClientSampleId :

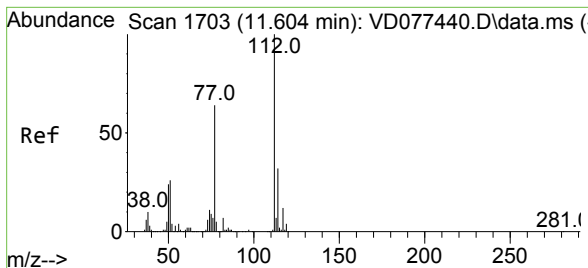
Tgt Ion:	117	Resp:	355221
Ion Ratio	Lower	Upper	
117	100		
82	52.1	38.3	57.5
119	32.5	25.0	37.4



#64
Tetrachloroethene
Concen: 52.829 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion:	164	Resp:	137927
Ion Ratio	Lower	Upper	
164	100		
166	122.0	99.2	148.8
129	82.7	68.4	102.6
131	83.8	63.8	95.8





#65

Chlorobenzene

Concen: 49.703 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

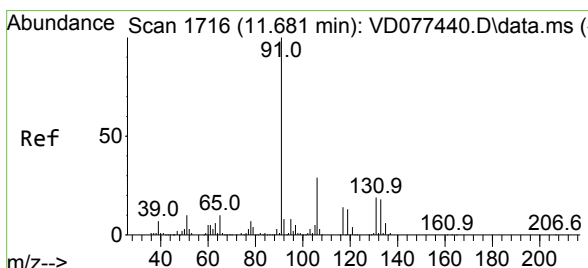
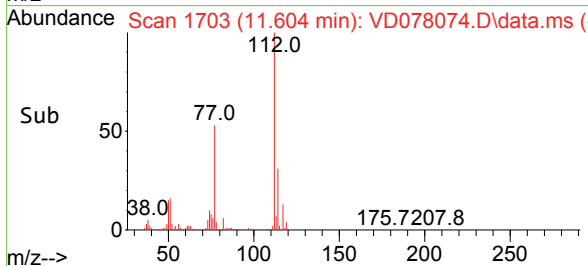
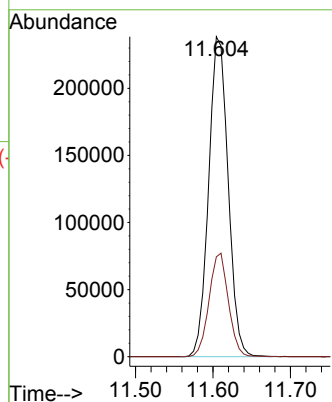
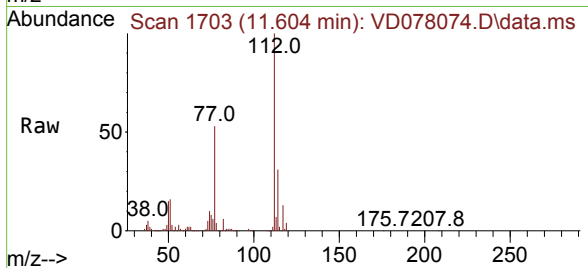
ClientSampleId :

Tgt Ion:112 Resp: 416289

Ion Ratio Lower Upper

112 100

114 31.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.297 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

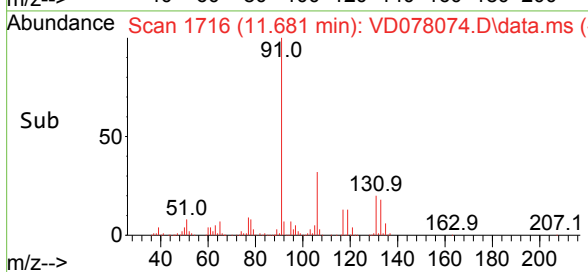
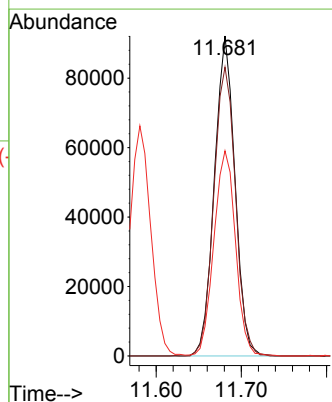
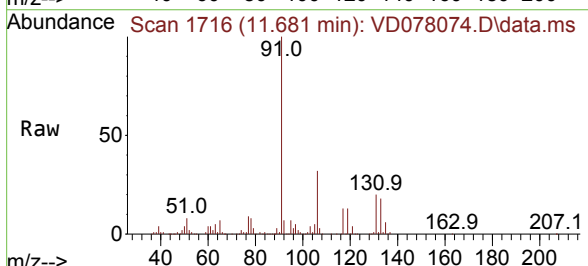
Tgt Ion:131 Resp: 154481

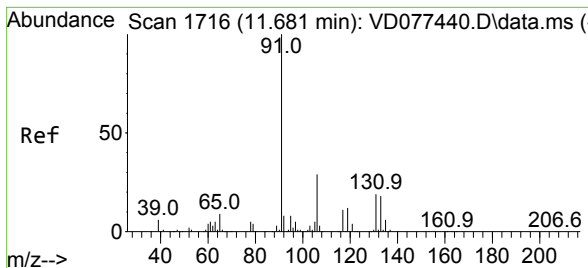
Ion Ratio Lower Upper

131 100

133 95.0 48.5 145.5

119 67.5 35.6 106.9

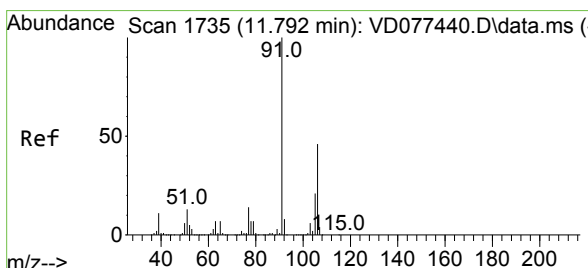
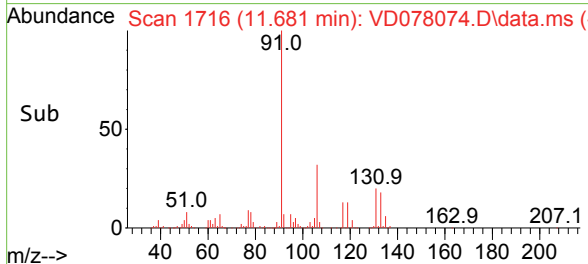
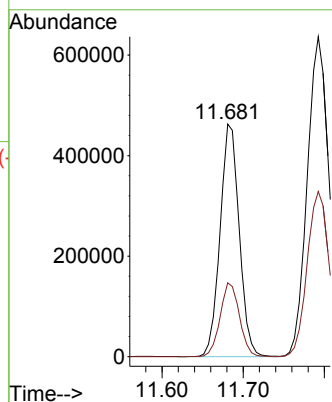
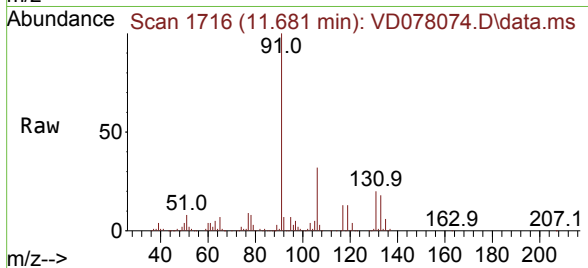




#67
Ethyl Benzene
Concen: 51.398 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

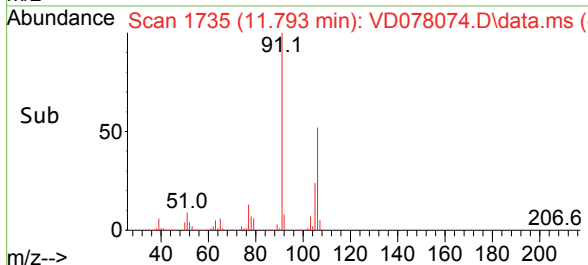
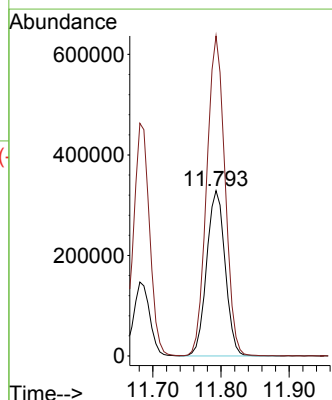
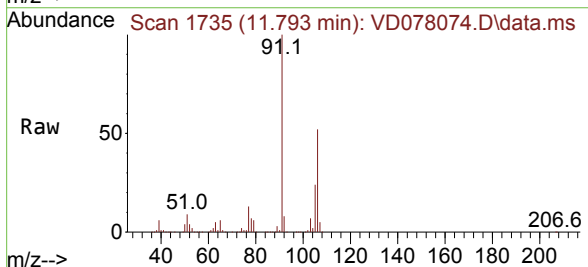
Instrument :
MSVOA_D
ClientSampleId :

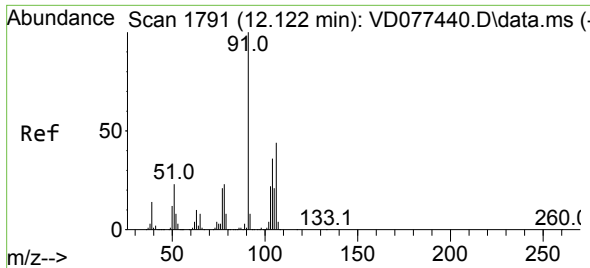
Tgt Ion: 91 Resp: 760125
Ion Ratio Lower Upper
91 100
106 31.8 26.5 39.7



#68
m/p-Xylenes
Concen: 109.685 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion:106 Resp: 620470
Ion Ratio Lower Upper
106 100
91 191.3 147.0 220.6

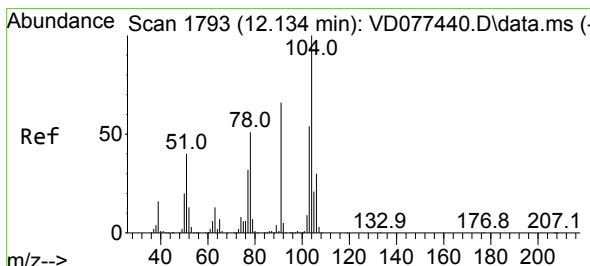
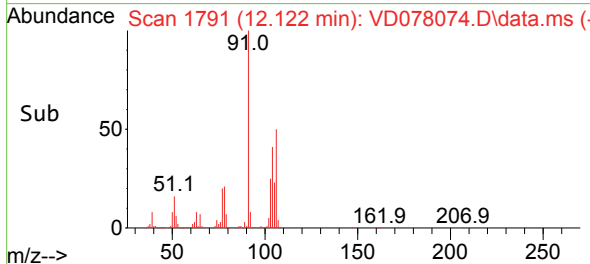
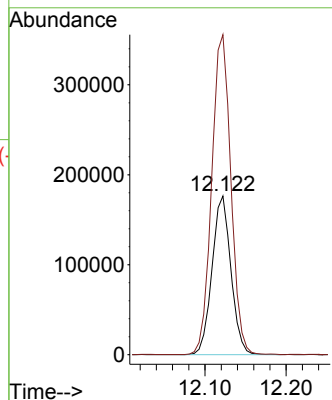
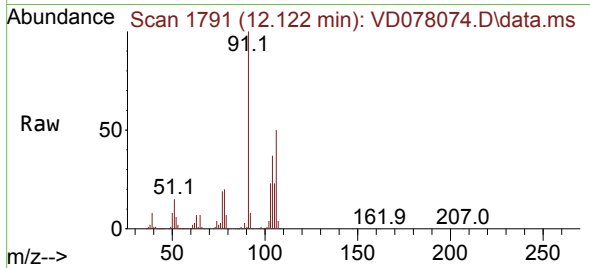




#69
o-Xylene
Concen: 54.588 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

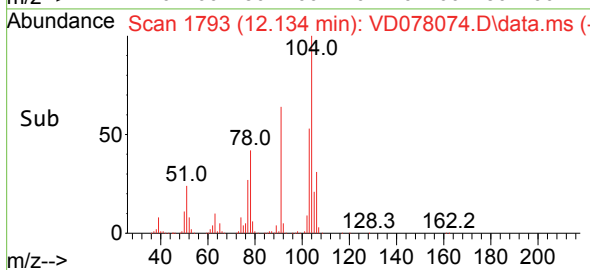
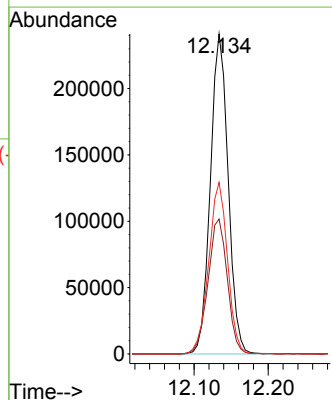
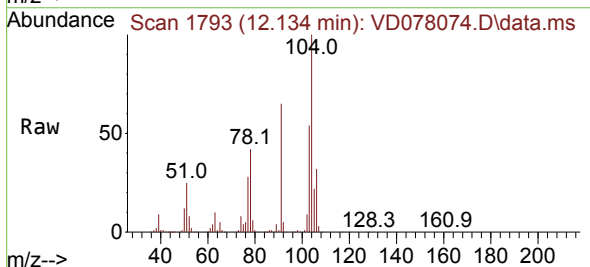
Instrument :
MSVOA_D
ClientSampleId :

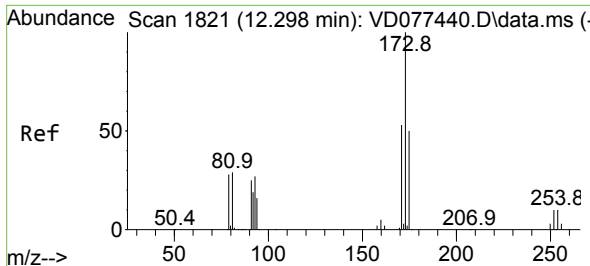
Tgt Ion:106 Resp: 284591
Ion Ratio Lower Upper
106 100
91 205.1 97.9 293.6



#70
Styrene
Concen: 51.784 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion:104 Resp: 401440
Ion Ratio Lower Upper
104 100
78 45.9 33.2 49.8
103 56.8 43.6 65.4

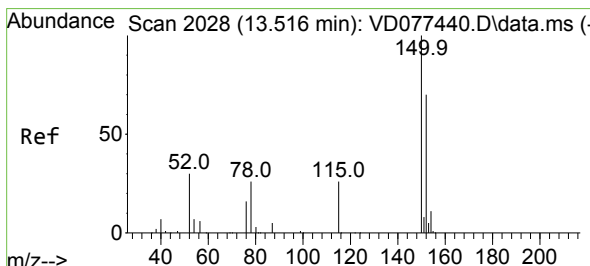
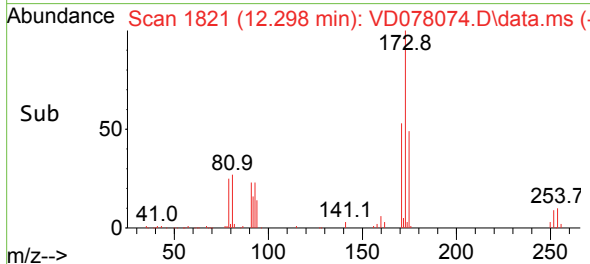
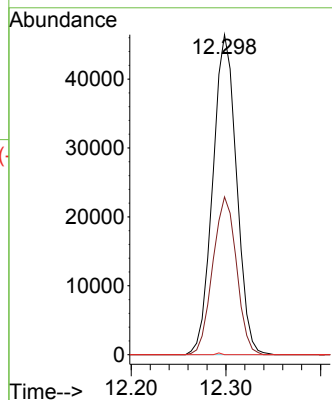
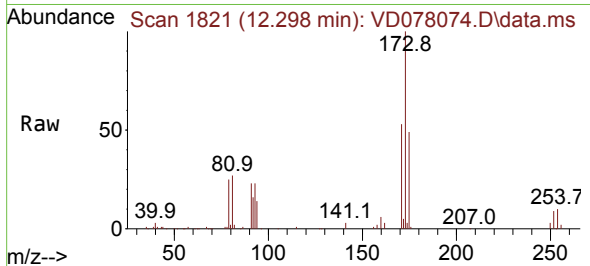




#71
Bromoform
Concen: 52.392 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

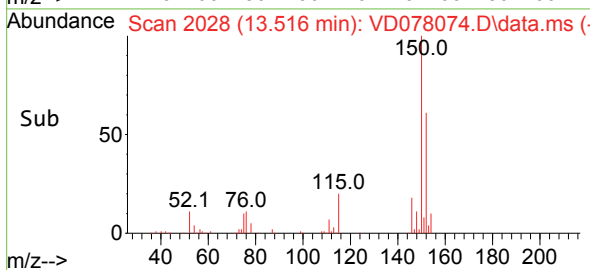
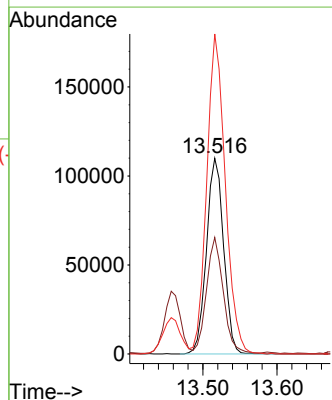
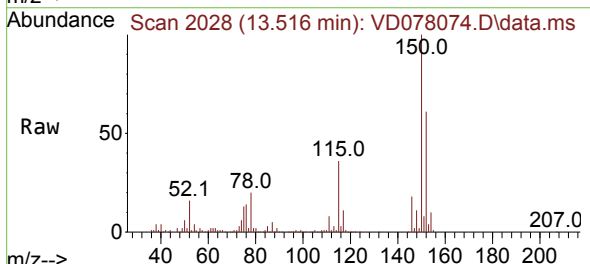
Instrument :
MSVOA_D
ClientSampleId :

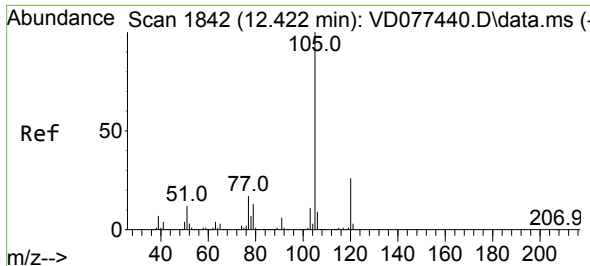
Tgt Ion:173 Resp: 80863
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

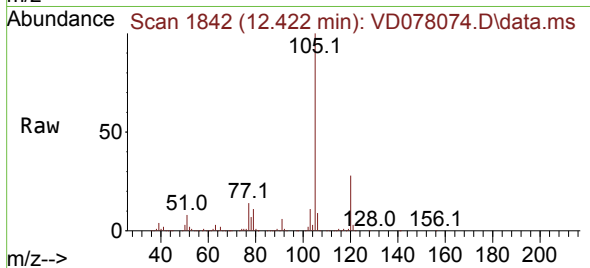
Tgt Ion:152 Resp: 177043
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 176.8 0.0 353.6



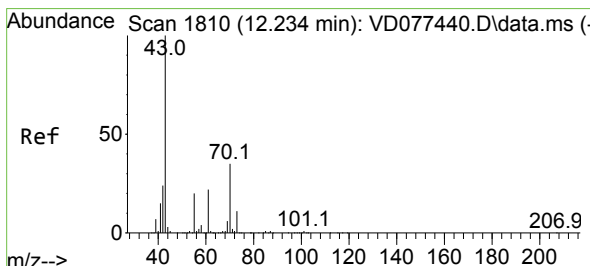
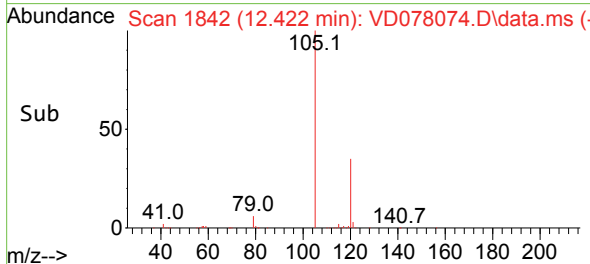
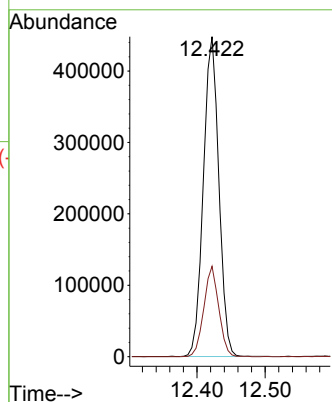


#73
Isopropylbenzene
Concen: 52.714 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Instrument :
MSVOA_D
ClientSampleId :

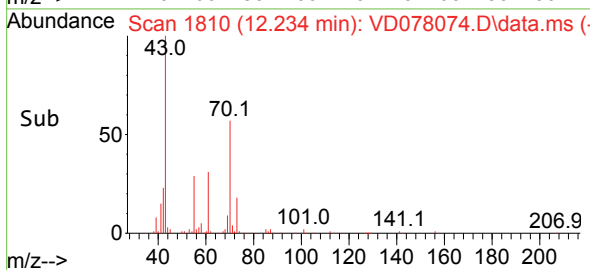
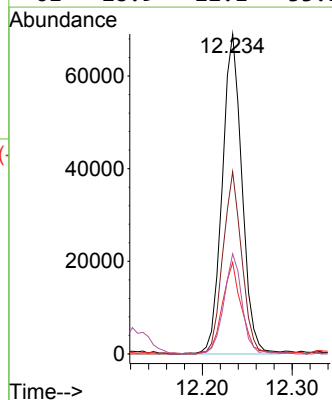
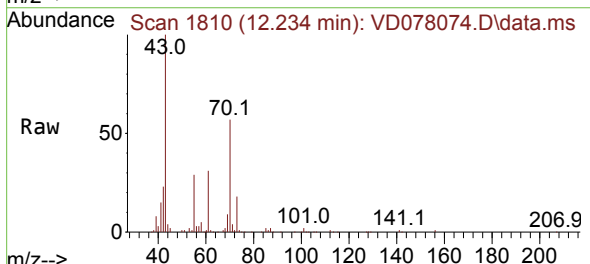


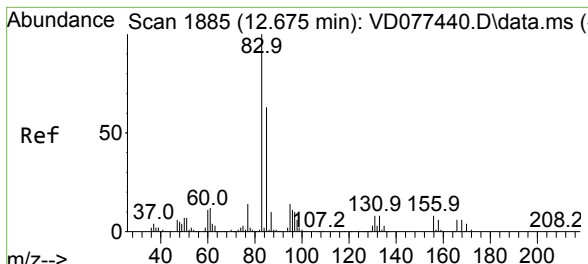
Tgt Ion:105 Resp: 707338
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9



#74
N-ethyl acetate
Concen: 39.979 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 43 Resp: 105450
Ion Ratio Lower Upper
43 100
70 55.2 45.0 67.4
55 28.1 23.8 35.6
61 28.9 22.1 33.1

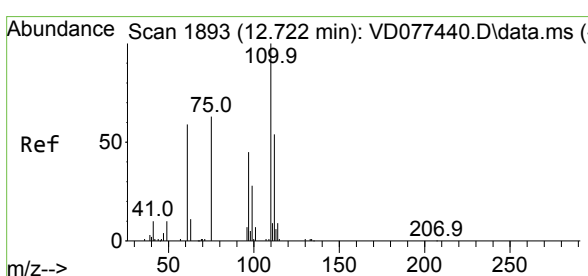
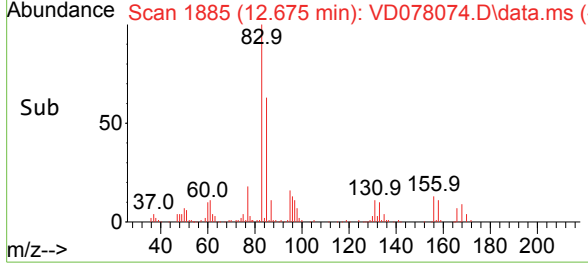
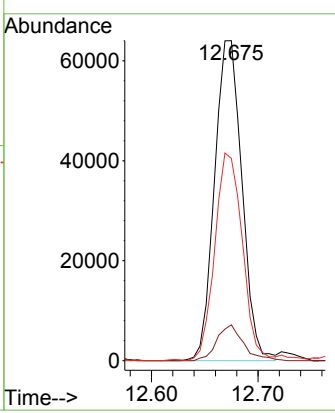
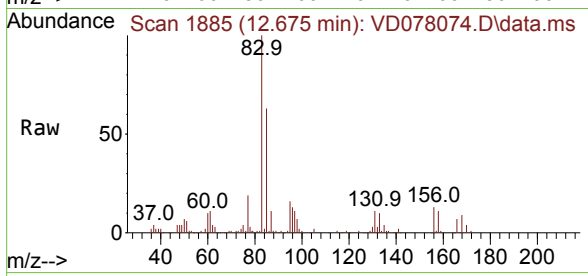




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.927 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

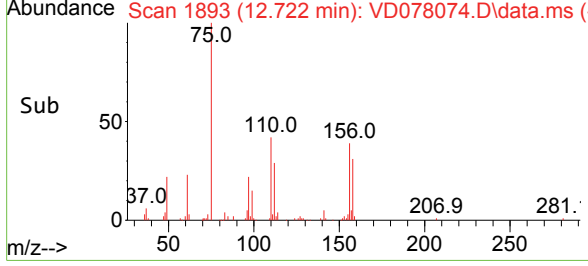
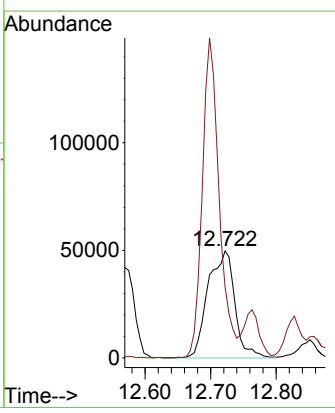
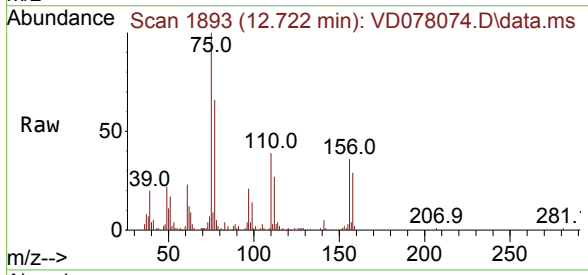
Instrument :
 MSVOA_D
 ClientSampleId :

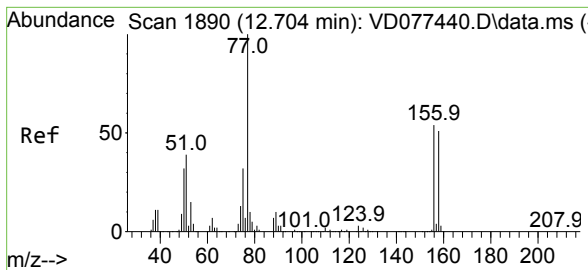
Tgt Ion:	83	Resp:	114471
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.1	15.3
85	65.1	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 91.879 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

Tgt Ion:	75	Resp:	141276
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

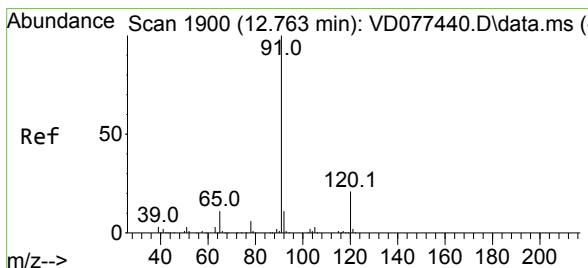
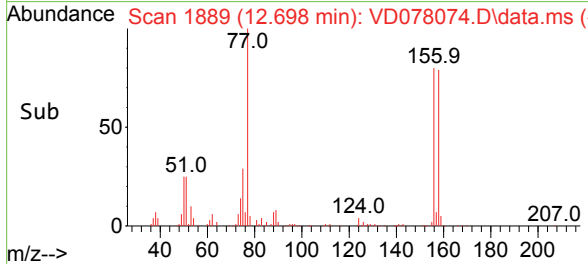
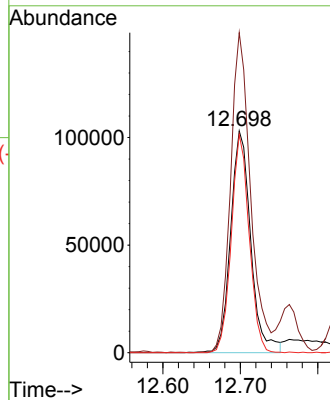
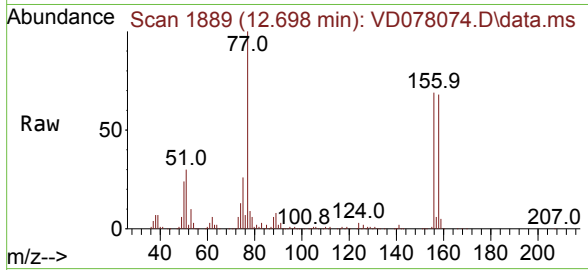




#77
Bromobenzene
Concen: 59.069 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

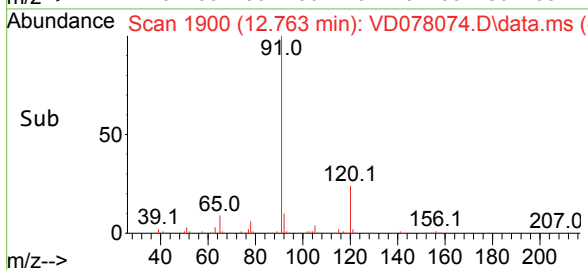
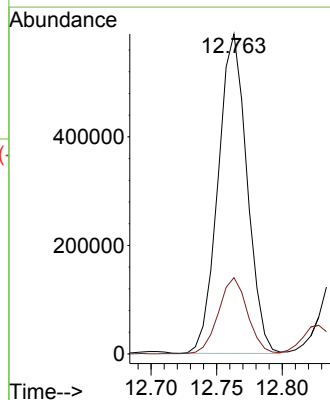
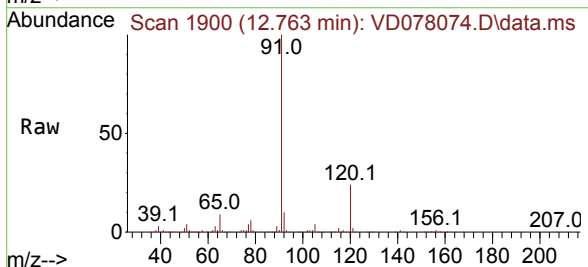
Instrument :
MSVOA_D
ClientSampleId :

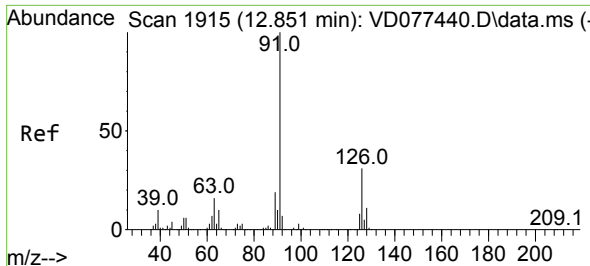
Tgt Ion:156 Resp: 186431
Ion Ratio Lower Upper
156 100
77 143.3 76.8 230.4
158 87.4 48.6 145.9



#78
n-propylbenzene
Concen: 55.214 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 91 Resp: 902785
Ion Ratio Lower Upper
91 100
120 23.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 57.695 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

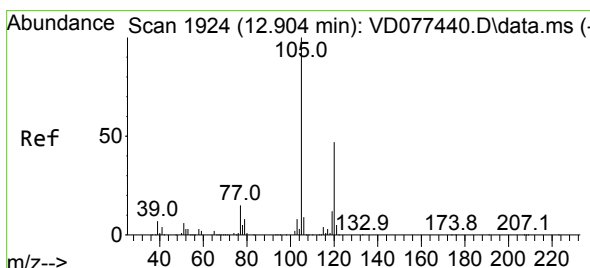
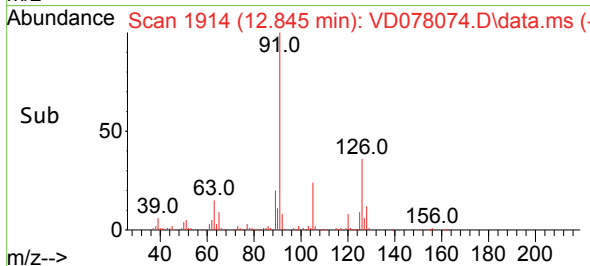
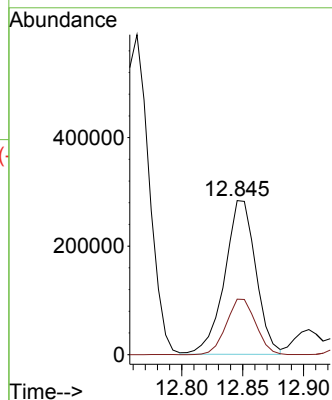
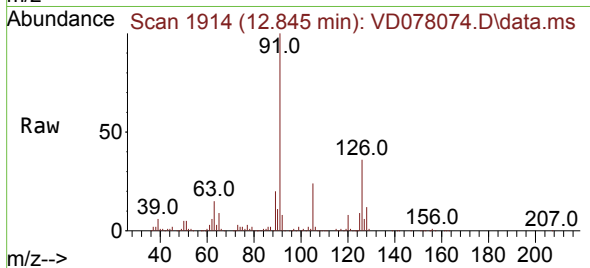
ClientSampleId :

Tgt Ion: 91 Resp: 505553

Ion Ratio Lower Upper

91 100

126 34.2 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 63.241 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078074.D

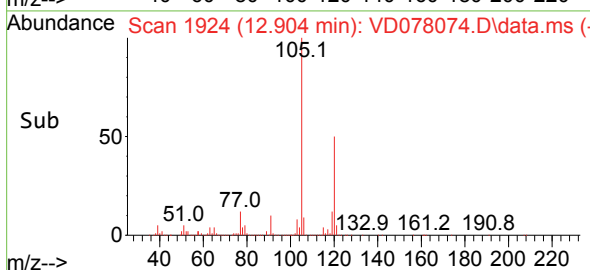
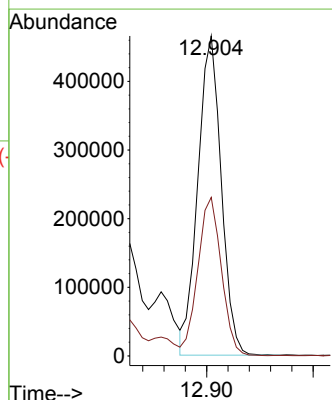
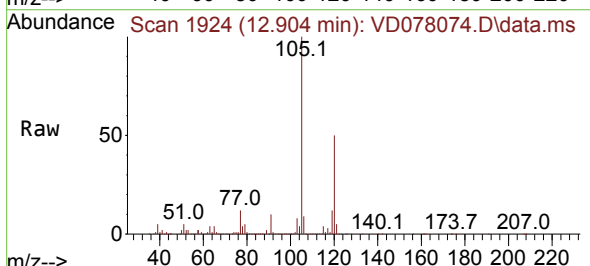
Acq: 22 Dec 2023 19:50

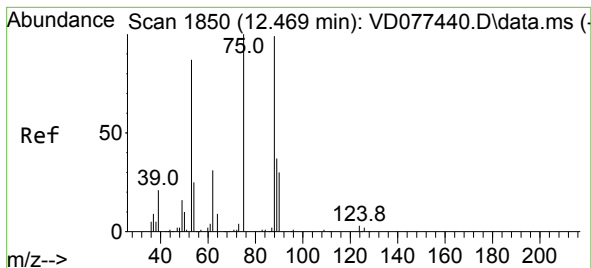
Tgt Ion:105 Resp: 707756

Ion Ratio Lower Upper

105 100

120 50.1 26.4 79.2

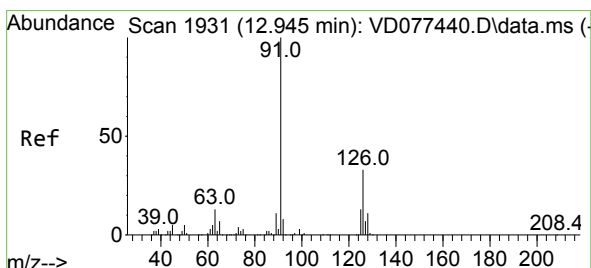
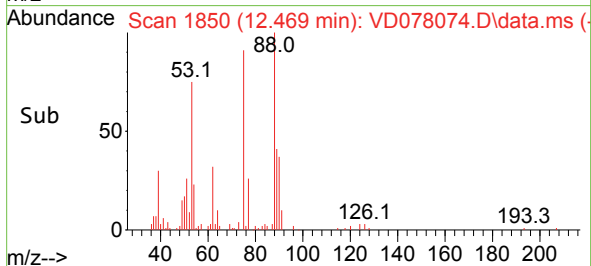
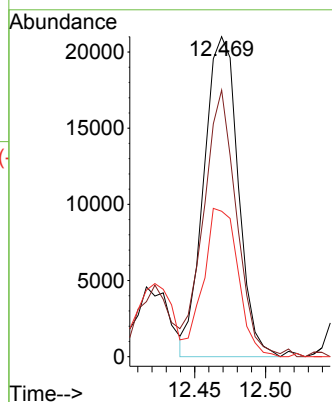
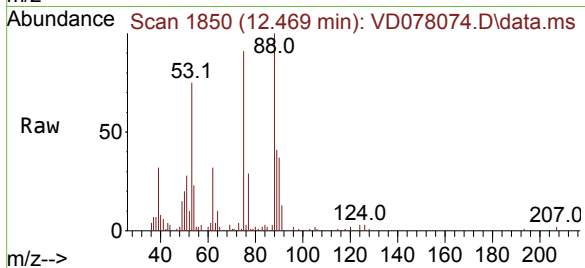




#81
trans-1,4-Dichloro-2-butene
Concen: 46.449 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

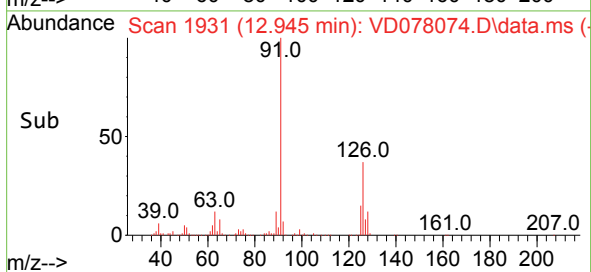
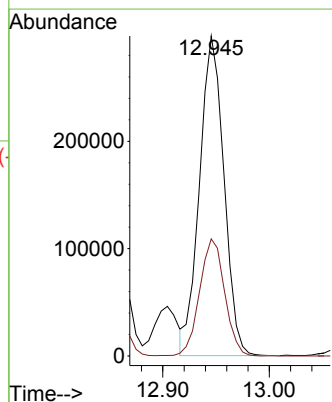
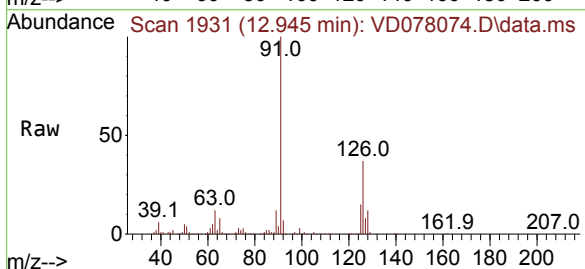
Instrument :
MSVOA_D
ClientSampleId :

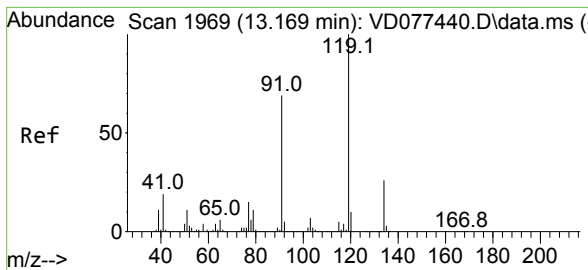
Tgt Ion: 75 Resp: 35251
Ion Ratio Lower Upper
75 100
53 80.1 63.0 94.4
89 47.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.803 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion: 91 Resp: 474541
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.4

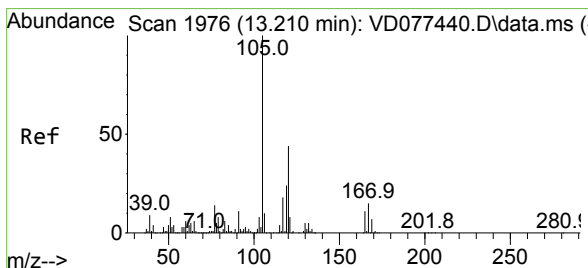
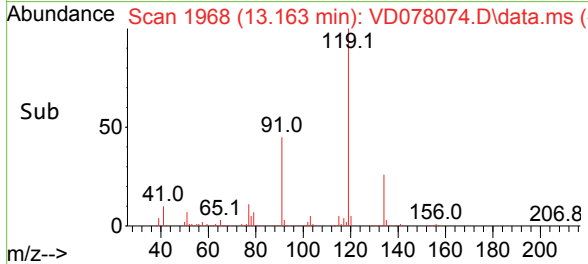
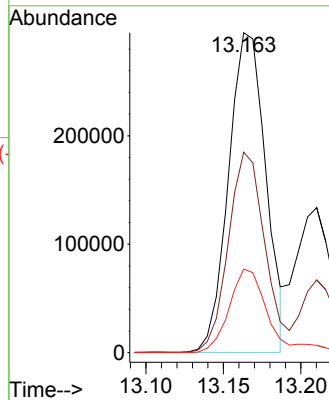
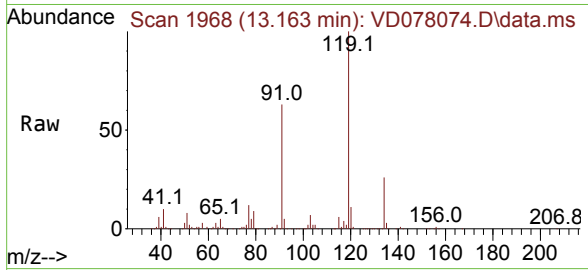




#83
 tert-Butylbenzene
 Concen: 52.174 ug/l
 RT: 13.163 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

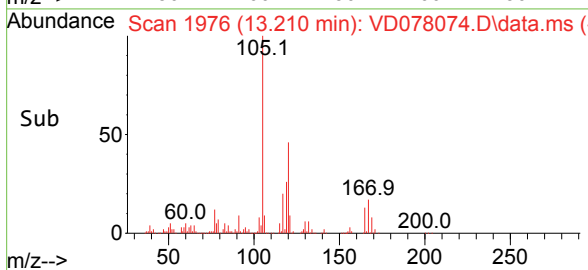
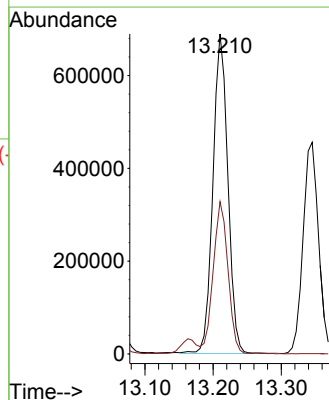
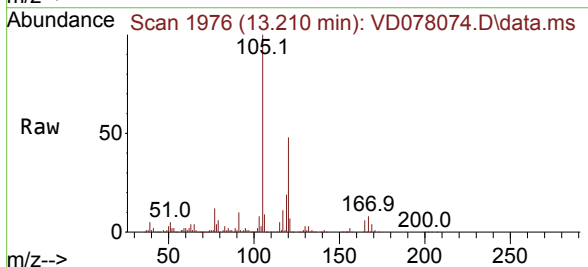
Instrument :
 MSVOA_D
 ClientSampleId :

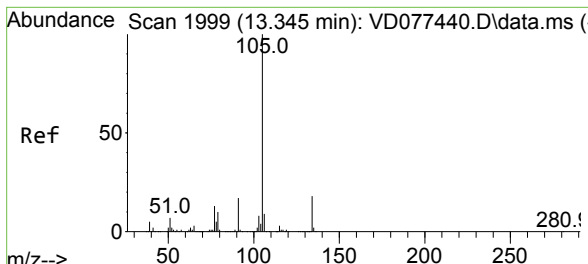
Tgt Ion:119 Resp: 492941
 Ion Ratio Lower Upper
 119 100
 91 61.7 29.3 87.8
 134 27.6 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 93.683 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

Tgt Ion:105 Resp: 1048638
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.3 72.9

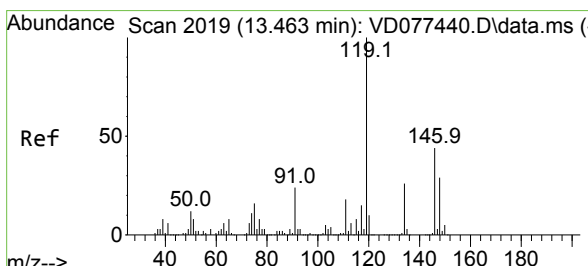
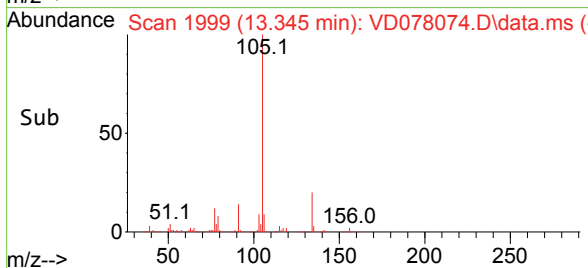
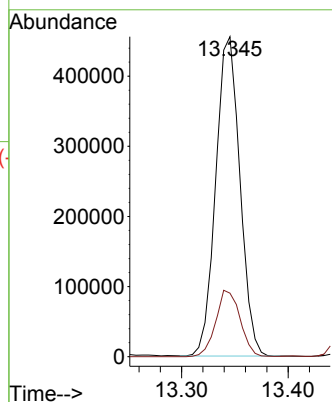
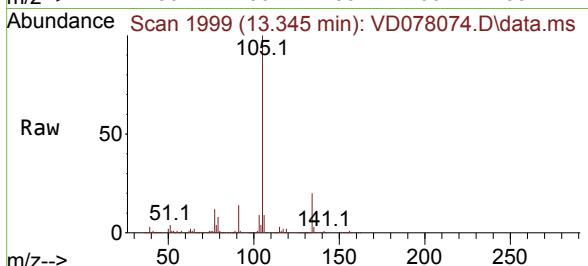




#85
 sec-Butylbenzene
 Concen: 51.373 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

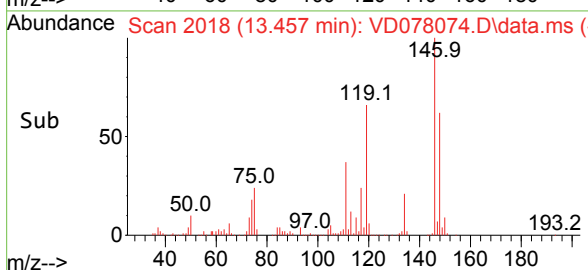
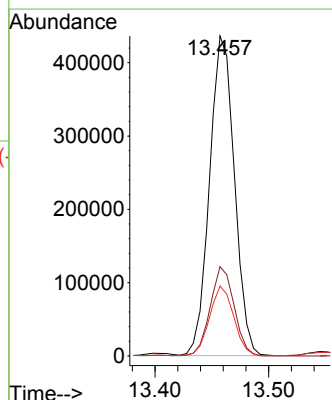
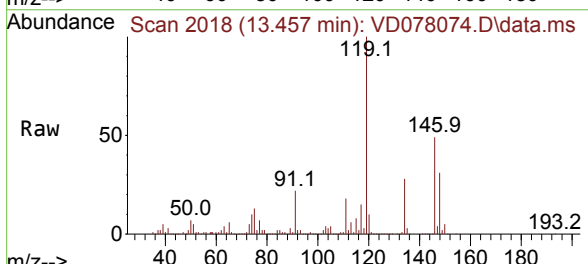
Instrument :
 MSVOA_D
 ClientSampleId :

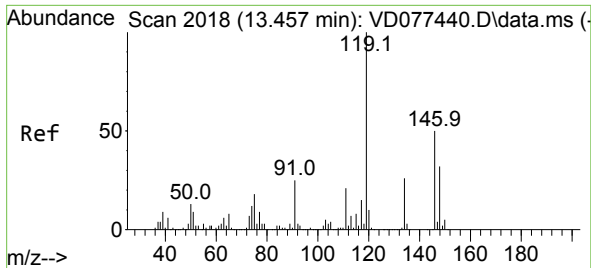
Tgt Ion:105 Resp: 717467
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 53.058 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

Tgt Ion:119 Resp: 663434
 Ion Ratio Lower Upper
 119 100
 134 26.9 14.2 42.6
 91 21.2 10.5 31.5

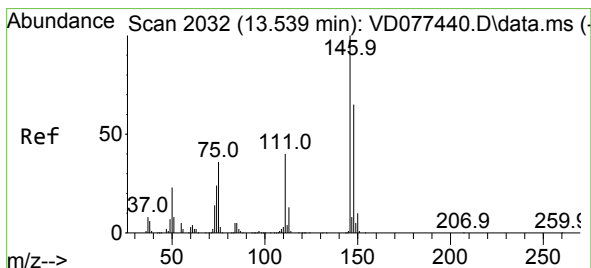
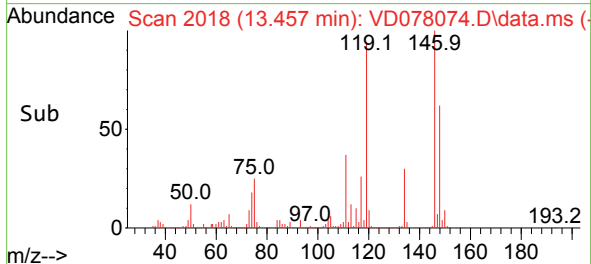
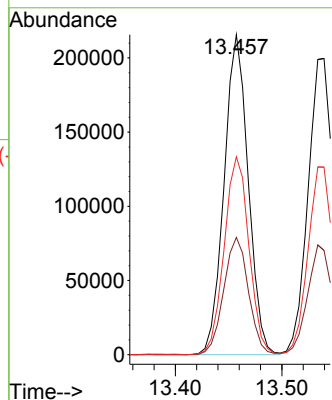
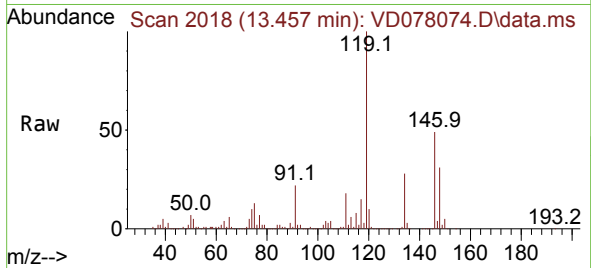




#87
 1,3-Dichlorobenzene
 Concen: 52.568 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

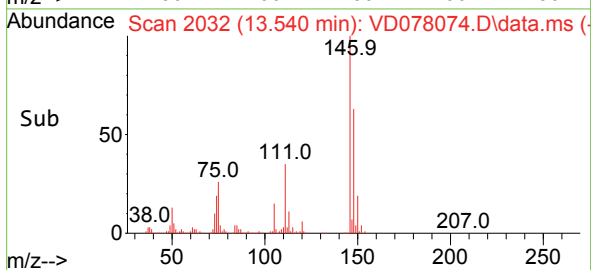
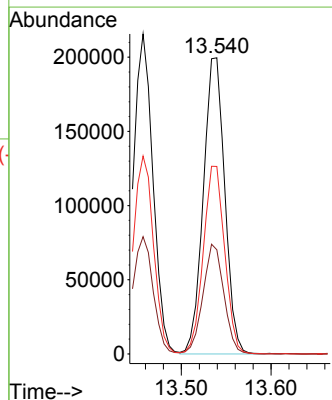
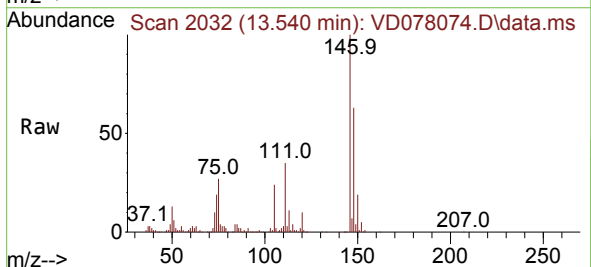
Instrument :
 MSVOA_D
 ClientSampleId :

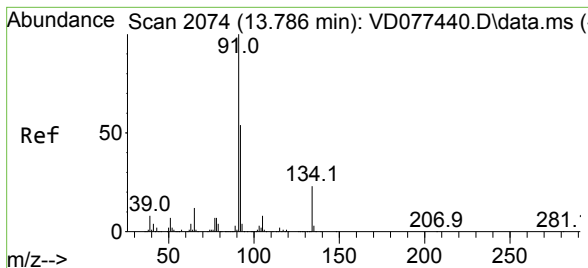
Tgt Ion:146 Resp: 339290
 Ion Ratio Lower Upper
 146 100
 111 37.6 17.9 53.8
 148 63.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 51.578 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD078074.D
 Acq: 22 Dec 2023 19:50

Tgt Ion:146 Resp: 331951
 Ion Ratio Lower Upper
 146 100
 111 36.2 17.4 52.3
 148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 51.255 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

ClientSampleId :

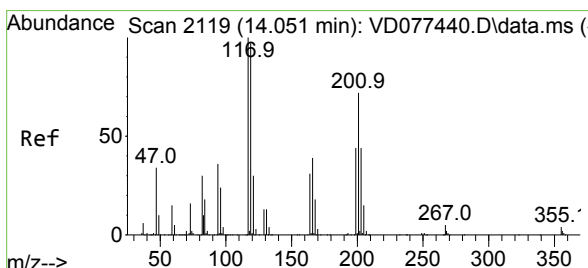
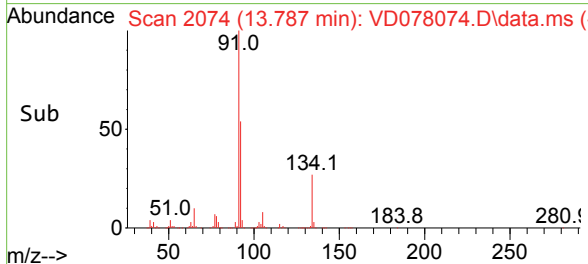
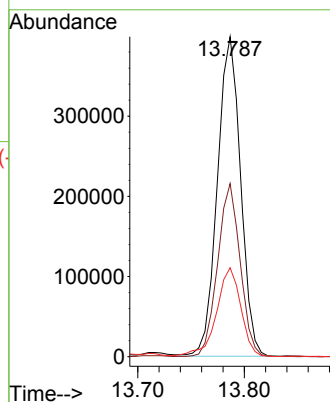
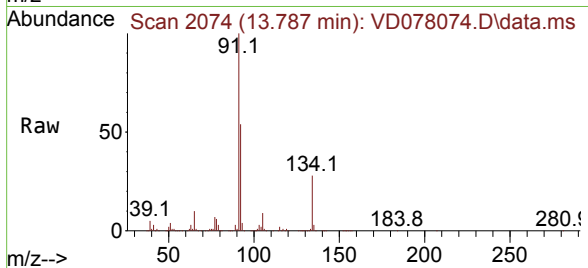
Tgt Ion: 91 Resp: 603041

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.5

134 29.2 13.8 41.3



#90

Hexachloroethane

Concen: 54.944 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078074.D

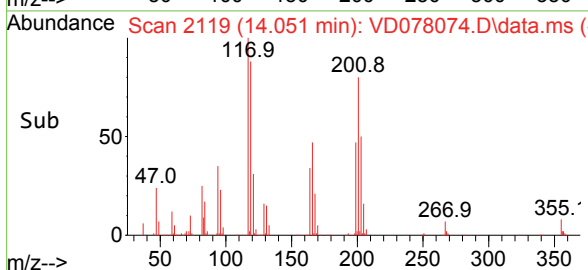
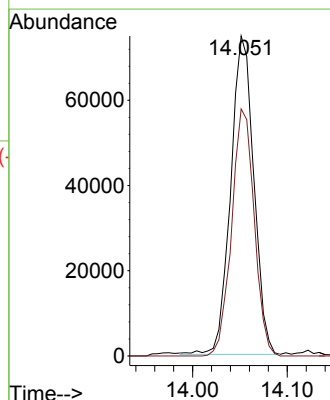
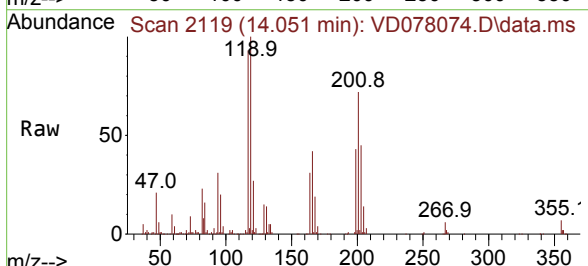
Acq: 22 Dec 2023 19:50

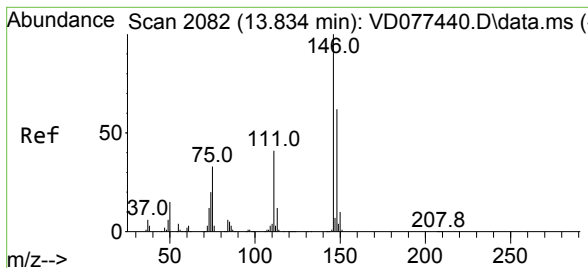
Tgt Ion: 117 Resp: 126347

Ion Ratio Lower Upper

117 100

201 75.8 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 51.999 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

Instrument :

MSVOA_D

ClientSampleId :

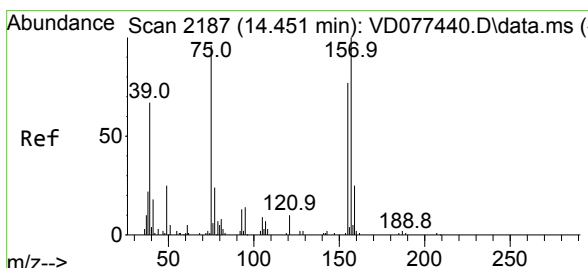
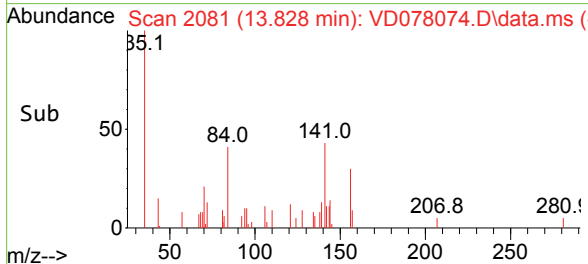
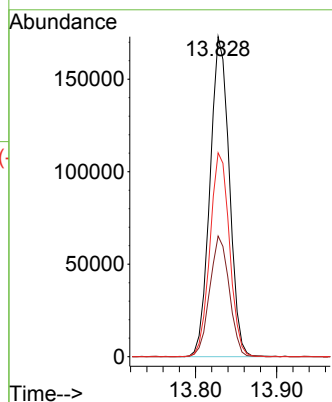
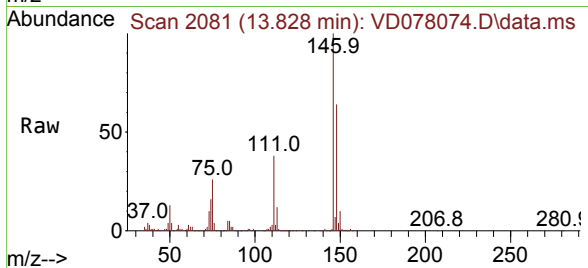
Tgt Ion:146 Resp: 285437

Ion Ratio Lower Upper

146 100

111 38.2 18.3 54.8

148 64.6 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.318 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078074.D

Acq: 22 Dec 2023 19:50

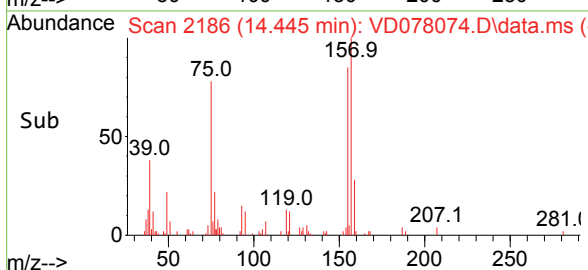
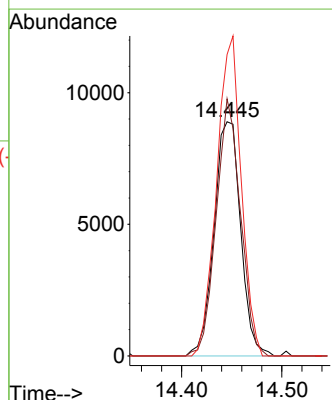
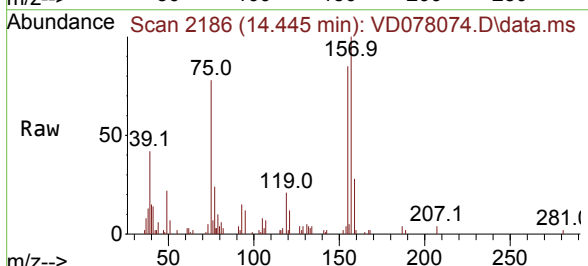
Tgt Ion: 75 Resp: 16387

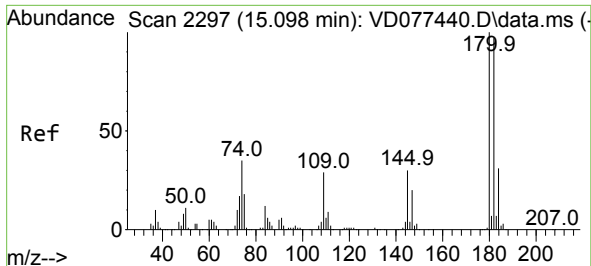
Ion Ratio Lower Upper

75 100

155 100.2 47.9 143.8

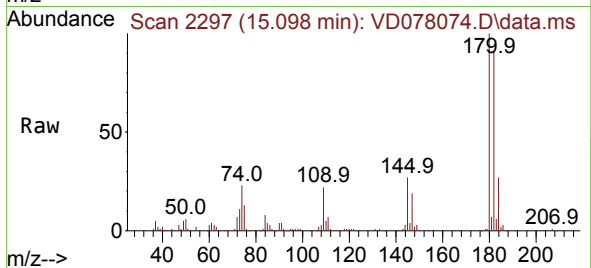
157 126.4 59.9 179.7



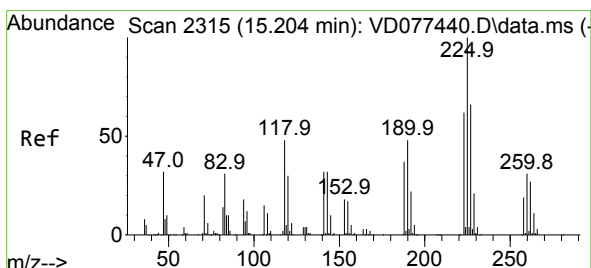
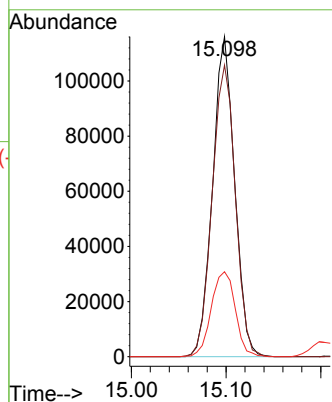
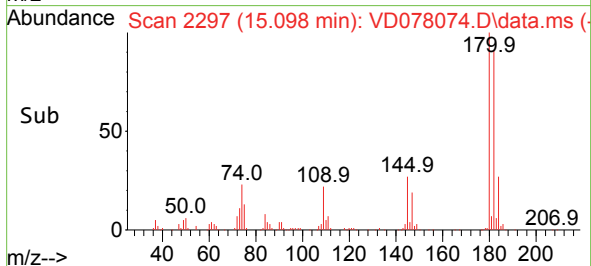


#93
1,2,4-Trichlorobenzene
Concen: 50.013 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

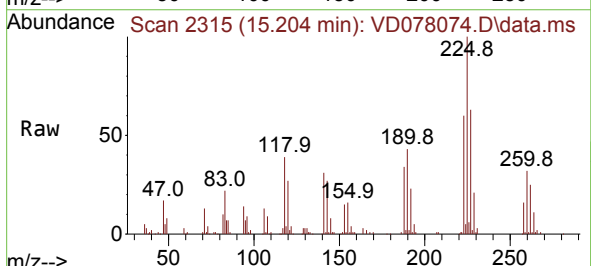
Instrument :
MSVOA_D
ClientSampleId :



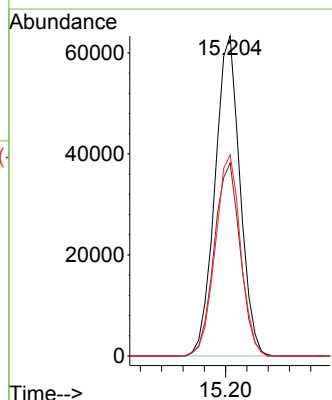
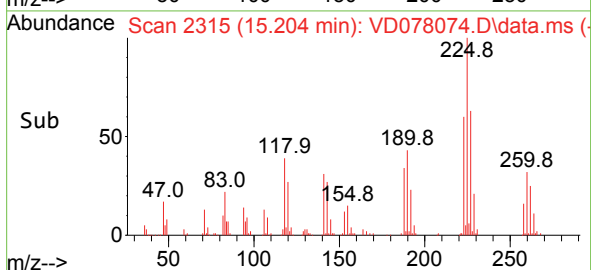
Tgt Ion:180 Resp: 187522
Ion Ratio Lower Upper
180 100
182 95.7 48.5 145.6
145 29.0 14.2 42.6

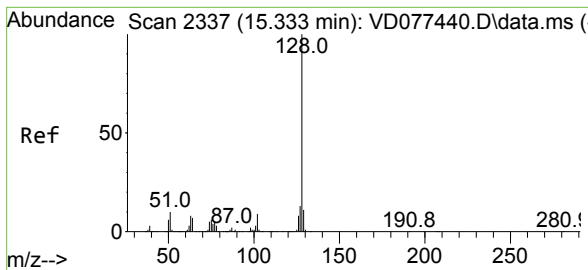


#94
Hexachlorobutadiene
Concen: 50.997 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50



Tgt Ion:225 Resp: 103110
Ion Ratio Lower Upper
225 100
223 62.5 31.6 94.8
227 63.5 31.7 95.1

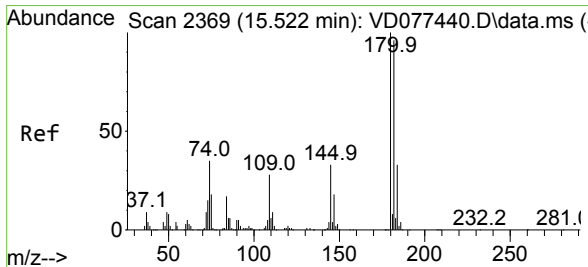
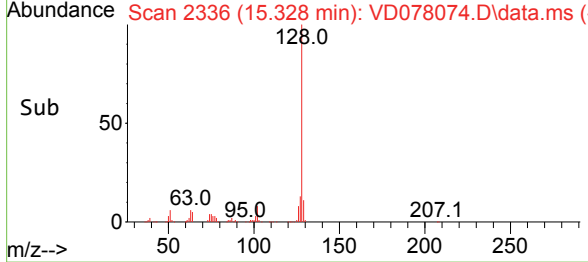
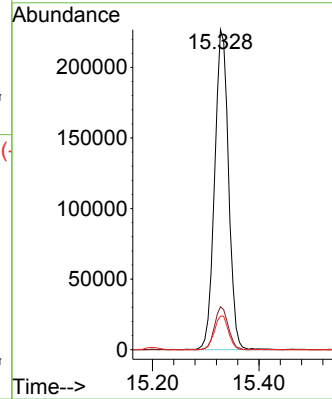
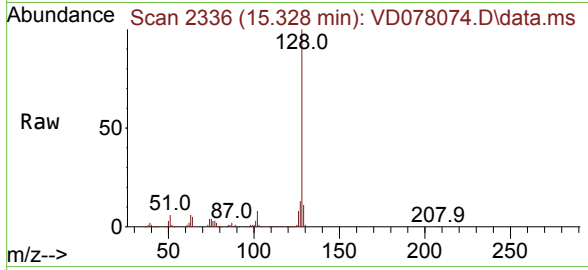




#95
Naphthalene
Concen: 65.942 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 410805
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.778 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078074.D
Acq: 22 Dec 2023 19:50

Tgt Ion:180 Resp: 160050
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.9
145 30.6 15.1 45.3

