

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069177.D
 Acq On : 14 May 2021 15:26
 Operator : VA/SY
 Sample : IBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: May 15 02:34:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	549	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	1269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	2222	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	1865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	141	25.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	51.24%		
35) Dibromofluoromethane	7.926	113	139	16.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	33.66%#		
50) Toluene-d8	10.349	98	1355	44.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.30%		
62) 4-Bromofluorobenzene	12.638	95	1211	124.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	248.06%#		
Target Compounds						Qvalue
3) Chloromethane	2.203	50	170	25.34	ug/l	# 42
4) Vinyl Chloride	2.356	62	74	8.37	ug/l	# 6
5) Bromomethane	2.779	94	286	43.00	ug/l	# 43
6) Chloroethane	2.926	64	103	18.11	ug/l	# 43
7) Trichlorofluoromethane	3.262	101	62	5.75	ug/l	# 18
11) Tert butyl alcohol	5.220	59	56	186.00	ug/l	# 73
14) Allyl chloride	4.679	41	58	9.63	ug/l	# 1
16) Acetone	4.167	43	2267	2689.43	ug/l	# 79
17) Carbon Disulfide	4.409	76	271	14.88	ug/l	# 73
18) Methyl Acetate	4.850	43	60	29.30	ug/l	# 45
19) Methyl tert-butyl Ether	5.426	73	55	5.52	ug/l	# 55
20) Methylene Chloride	4.967	84	74952	13342.53	ug/l	94
21) trans-1,2-Dichloroethene	5.491	96	61	9.37	ug/l	# 1
23) Vinyl Acetate	6.467	43	59	8.31	ug/l	# 66
25) 2-Butanone	7.203	43	332	290.66	ug/l	# 38
26) 2,2-Dichloropropane	7.191	77	919	94.53	ug/l	# 52
30) Chloroform	7.726	83	196	16.75	ug/l	# 16
31) Cyclohexane	7.967	56	119	14.59	ug/l	# 6
36) 1,1-Dichloropropene	8.302	75	607	49.20	ug/l	# 40
37) Ethyl Acetate	7.285	43	238	60.04	ug/l	# 66
38) Carbon Tetrachloride	8.285	117	428	31.03	ug/l	# 12
39) Methylcyclohexane	9.355	83	61	4.69	ug/l	# 22
40) Benzene	8.355	78	319	9.03	ug/l	# 51
41) Methacrylonitrile	7.473	41	55	26.07	ug/l	# 1
42) 1,2-Dichloroethane	8.426	62	70	7.25	ug/l	# 72
43) Isopropyl Acetate	8.444	43	76	10.56	ug/l	# 46
48) Methyl methacrylate	9.496	41	143	42.96	ug/l	# 4
51) 4-Methyl-2-Pentanone	10.232	43	579	156.34	ug/l	94
52) Toluene	10.396	92	692	30.34	ug/l	77
53) t-1,3-Dichloropropene	10.614	75	62	5.56	ug/l	# 42
55) 1,1,2-Trichloroethane	10.726	97	230	34.22	ug/l	# 16
59) 2-Hexanone	10.979	43	126	50.99	ug/l	# 19
60) Dibromochloromethane	10.867	129	148	17.15	ug/l	# 11
64) Tetrachloroethene	10.879	164	66	4.27	ug/l	# 39
65) Chlorobenzene	11.673	112	223	4.84	ug/l	# 42
67) Ethyl Benzene	11.738	91	702	8.86	ug/l	# 45

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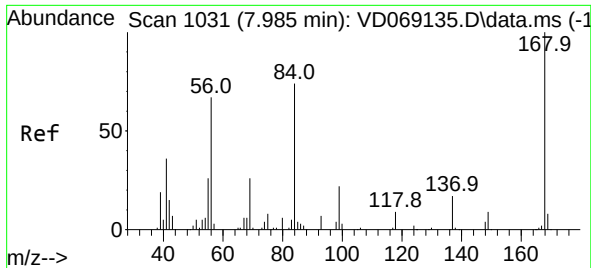
Instrument :
 MSVOA_D
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 VIBLK

Quant Time: May 15 02:34:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

68) m/p-Xylenes	11.855	106	418	13.46	ug/l	86
69) o-Xylene	12.173	106	66	2.39	ug/l #	18
70) Styrene	12.190	104	335	6.95	ug/l #	79
73) Isopropylbenzene	12.479	105	259	1.99	ug/l #	48
74) N-amyl acetate	12.214	43	58	2.72	ug/l #	37
76) 1,2,3-Trichloropropane	12.632	75	498	35.52	ug/l #	100
78) n-propylbenzene	12.802	91	746	4.74	ug/l #	52
79) 2-Chlorotoluene	12.896	91	100	1.14	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.961	105	421	3.92	ug/l #	51
81) trans-1,4-Dichloro-2-b...	12.632	75	498	71.75	ug/l #	14
82) 4-Chlorotoluene	12.996	91	500	5.36	ug/l #	39
83) tert-Butylbenzene	13.208	119	248	2.77	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.273	105	540	4.99	ug/l #	49
85) sec-Butylbenzene	13.390	105	435	3.23	ug/l #	56
86) p-Isopropyltoluene	13.514	119	379	3.20	ug/l #	68
87) 1,3-Dichlorobenzene	13.514	146	409	6.53	ug/l	82
88) 1,4-Dichlorobenzene	13.514	146	409	6.60	ug/l	81
89) n-Butylbenzene	13.826	91	561	5.09	ug/l #	61
90) Hexachloroethane	14.114	117	118	5.32	ug/l #	14
91) 1,2-Dichlorobenzene	13.885	146	337	6.27	ug/l #	50
92) 1,2-Dibromo-3-Chloropr...	14.384	75	100	27.28	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.149	180	438	13.29	ug/l #	44
95) Naphthalene	15.396	128	1079	19.00	ug/l #	83

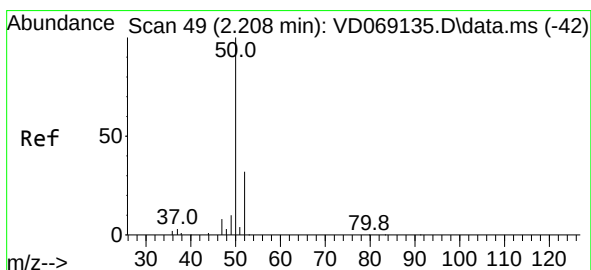
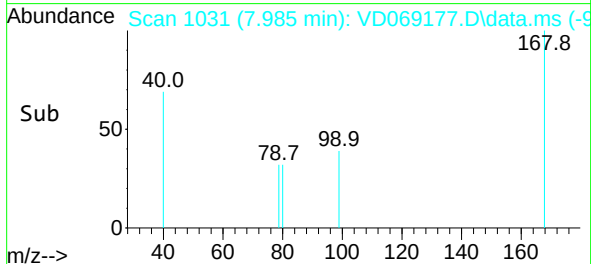
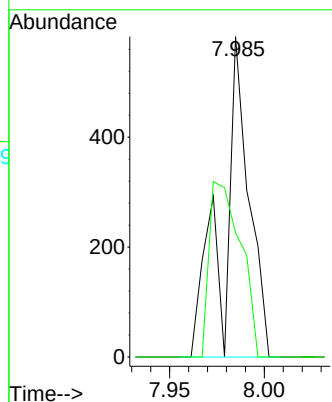
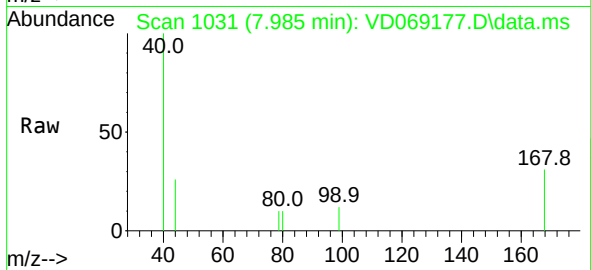
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
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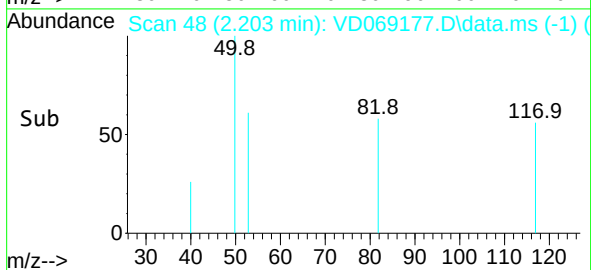
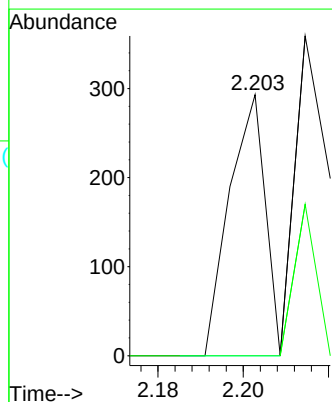
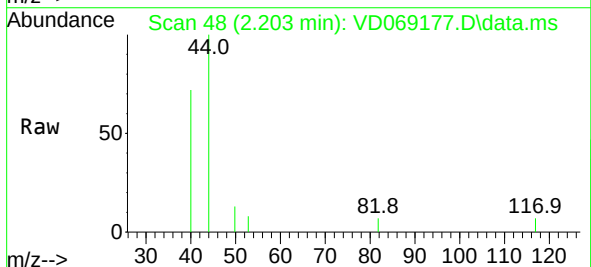
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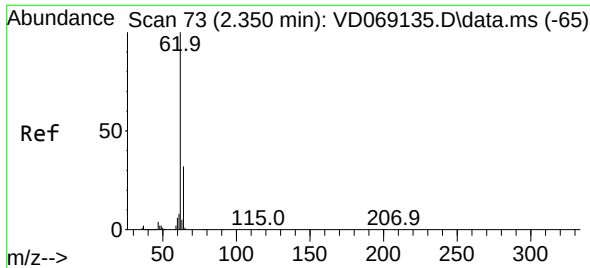
Tgt Ion:168 Resp: 549
Ion Ratio Lower Upper
168 100
99 38.8 47.2 70.8#



#3
Chloromethane
Concen: 25.34 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

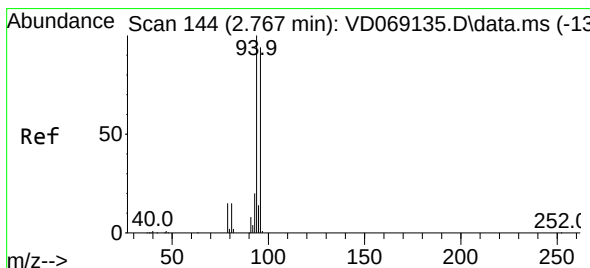
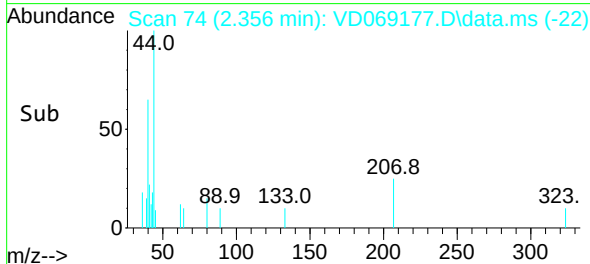
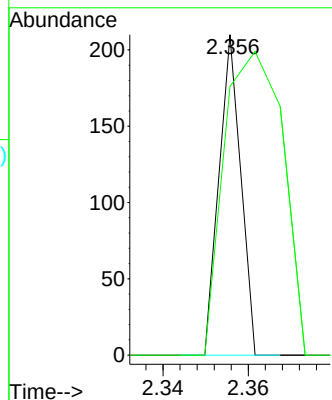
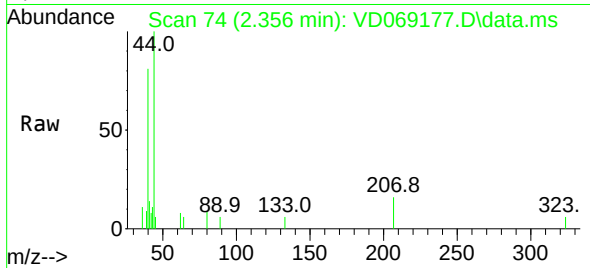




#4
 Vinyl Chloride
 Concen: 8.37 ug/l
 RT: 2.356 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VD069177.D
 Acq: 14 May 2021 15:26

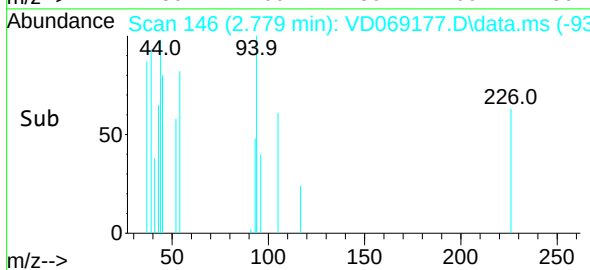
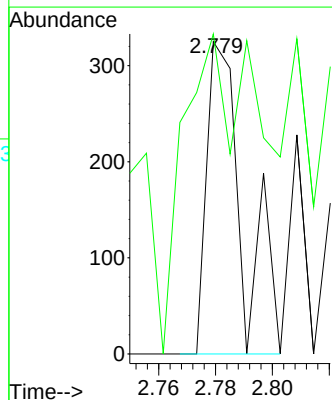
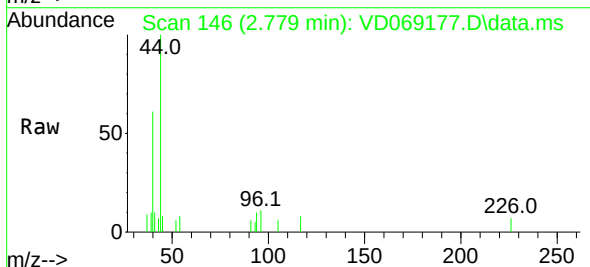
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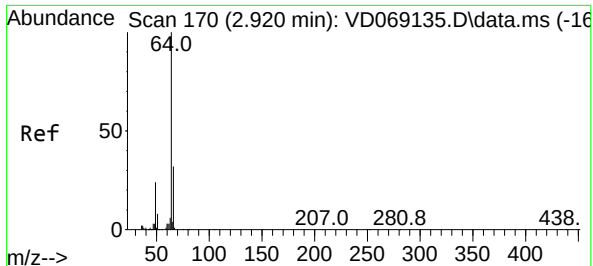
Tgt Ion: 62 Resp: 74
 Ion Ratio Lower Upper
 62 100
 64 83.8 25.3 37.9#



#5
 Bromomethane
 Concen: 43.00 ug/l
 RT: 2.779 min Scan# 146
 Delta R.T. 0.012 min
 Lab File: VD069177.D
 Acq: 14 May 2021 15:26

Tgt Ion: 94 Resp: 286
 Ion Ratio Lower Upper
 94 100
 96 39.4 75.4 113.0#

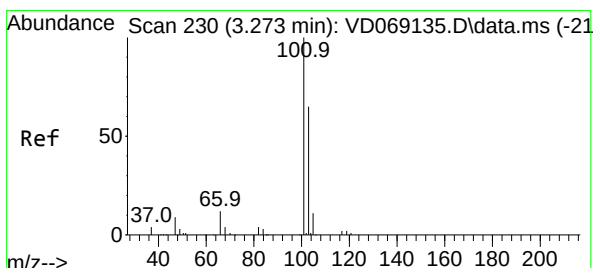
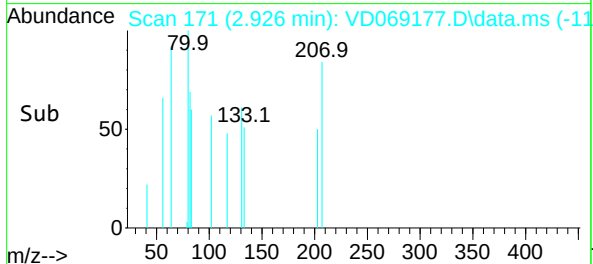
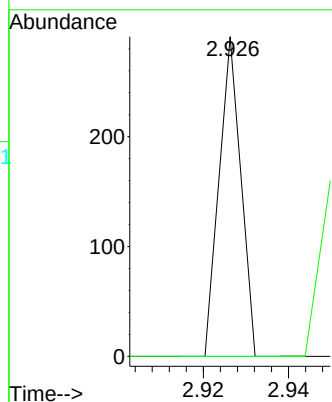
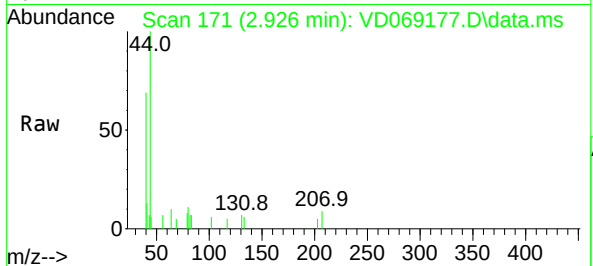




#6
Chloroethane
Concen: 18.11 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

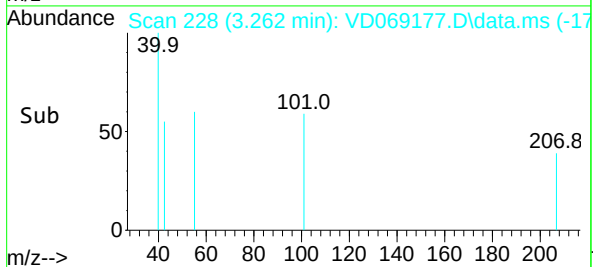
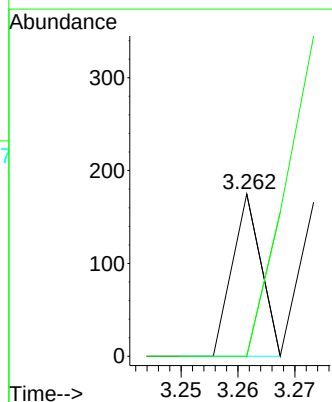
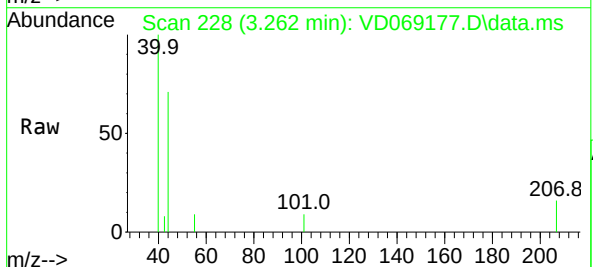
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

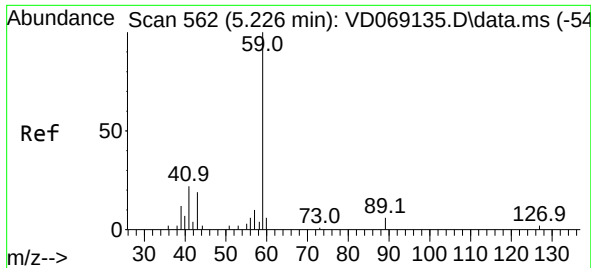
Tgt Ion: 64 Resp: 103
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#



#7
Trichlorofluoromethane
Concen: 5.75 ug/l
RT: 3.262 min Scan# 228
Delta R.T. -0.012 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 101 Resp: 62
Ion Ratio Lower Upper
101 100
103 0.0 51.9 77.9#

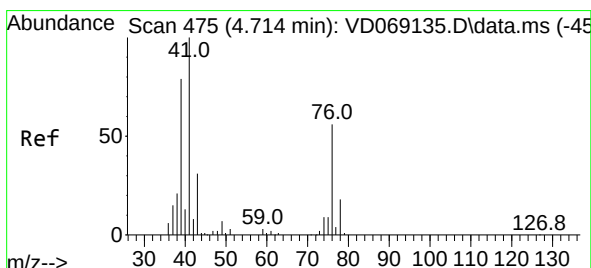
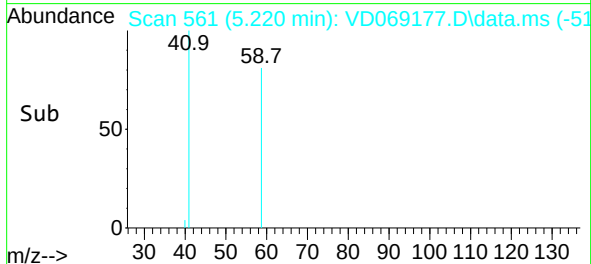
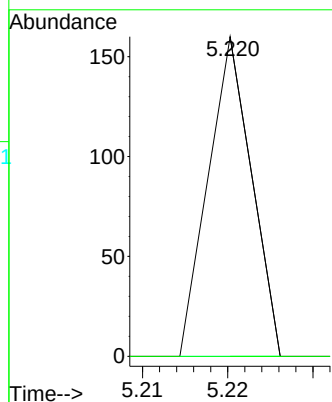
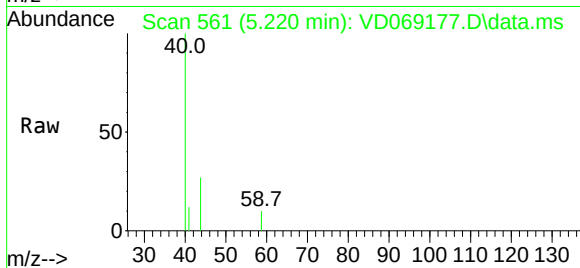




#11
Tert butyl alcohol
Concen: 186.00 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

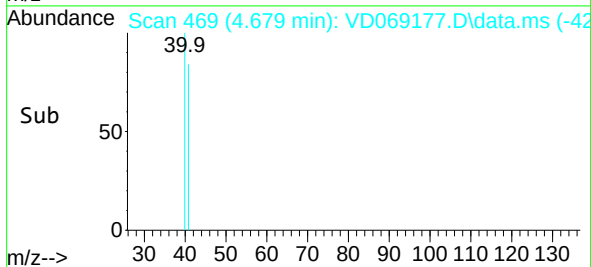
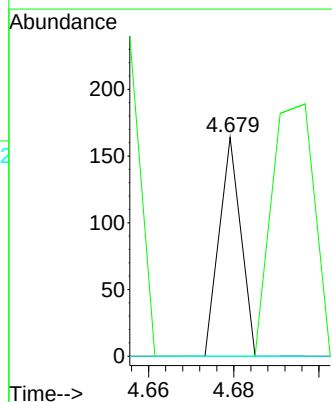
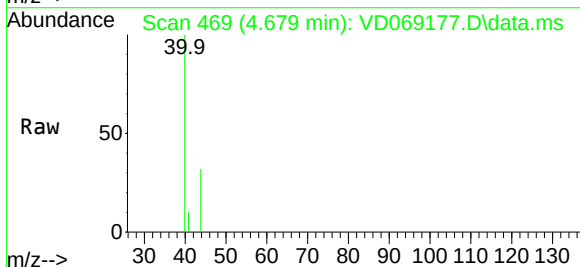
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

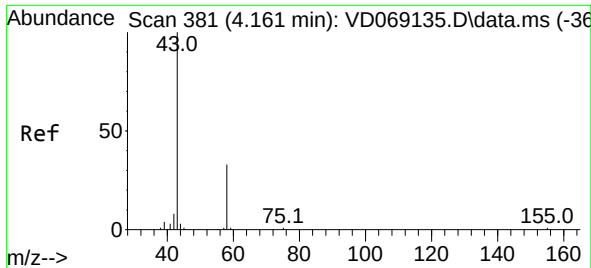
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#14
Allyl chloride
Concen: 9.63 ug/l
RT: 4.679 min Scan# 469
Delta R.T. -0.035 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 41 Resp: 58
Ion Ratio Lower Upper
41 100
39 225.9 64.3 96.5#
76 0.0 43.6 65.4#

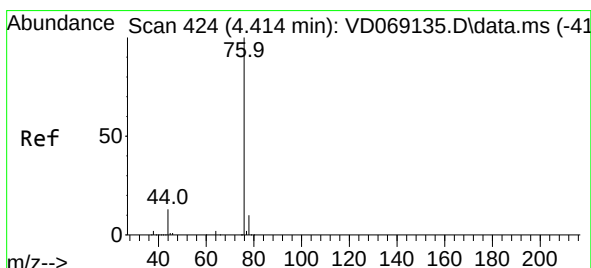
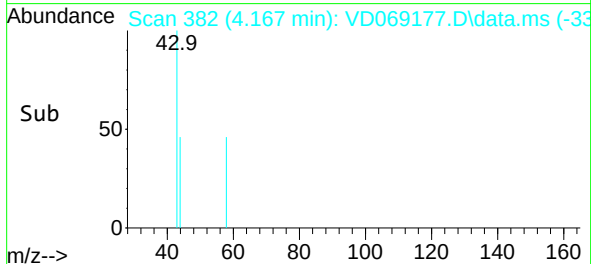
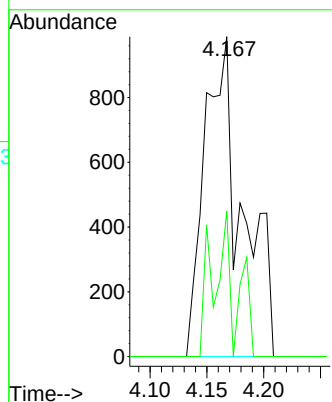
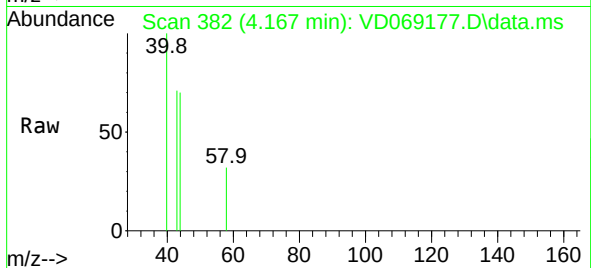




#16
Acetone
Concen: 2689.43 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

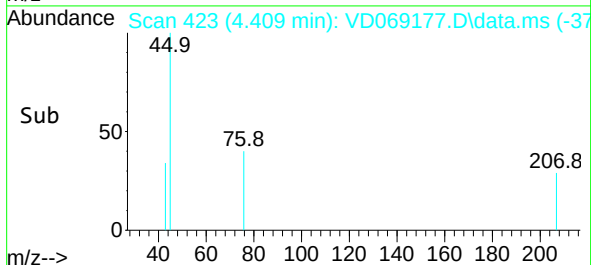
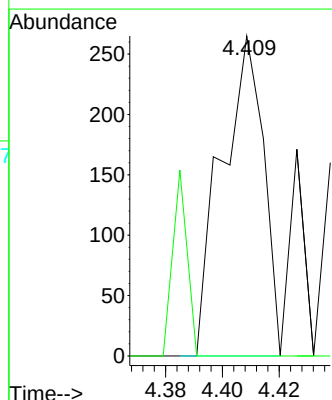
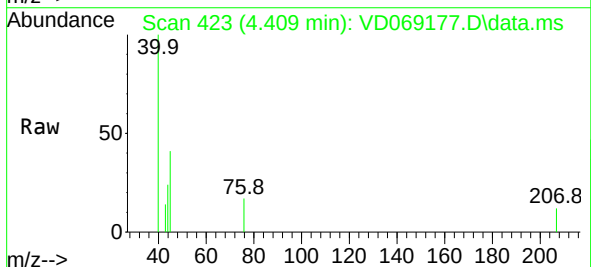
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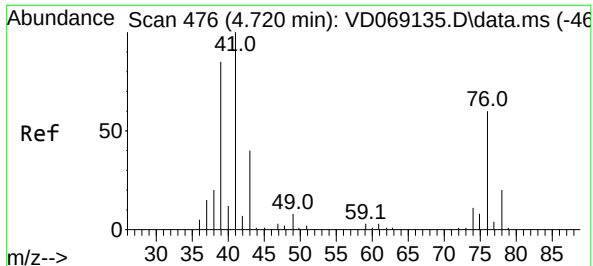
Tgt Ion: 43 Resp: 2267
Ion Ratio Lower Upper
43 100
58 45.5 26.7 40.1#



#17
Carbon Disulfide
Concen: 14.88 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 76 Resp: 271
Ion Ratio Lower Upper
76 100
78 0.0 8.1 12.1#

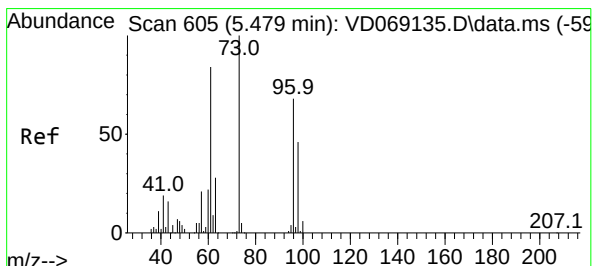
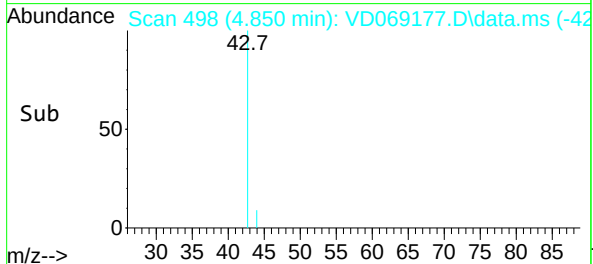
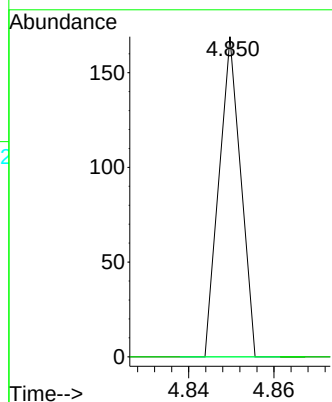
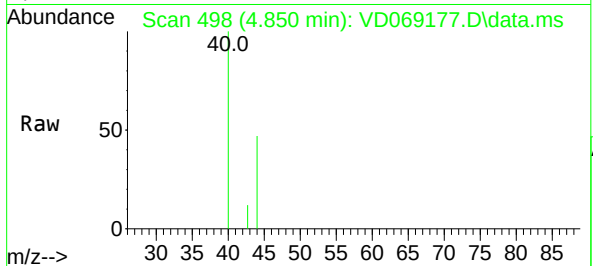




#18
Methyl Acetate
Concen: 29.30 ug/l
RT: 4.850 min Scan# 498
Delta R.T. 0.130 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

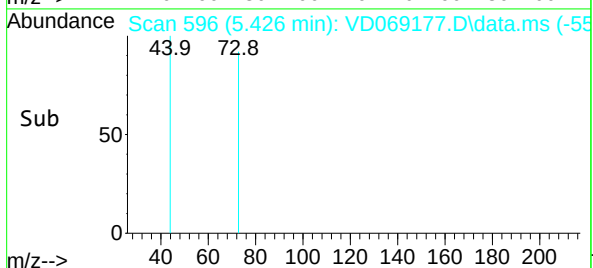
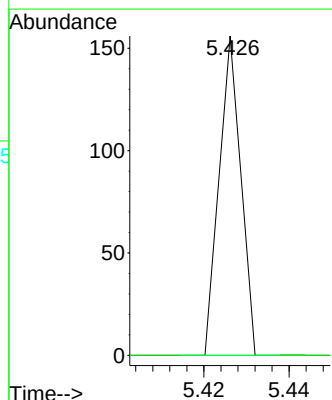
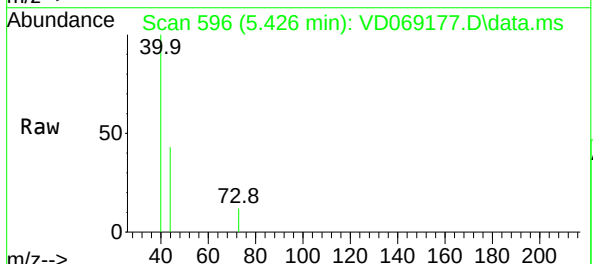
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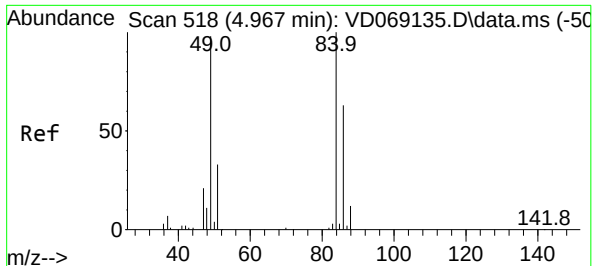
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 23.8 35.6#



#19
Methyl tert-butyl Ether
Concen: 5.52 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.053 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 73 Resp: 55
Ion Ratio Lower Upper
73 100
57 0.0 17.1 25.7#

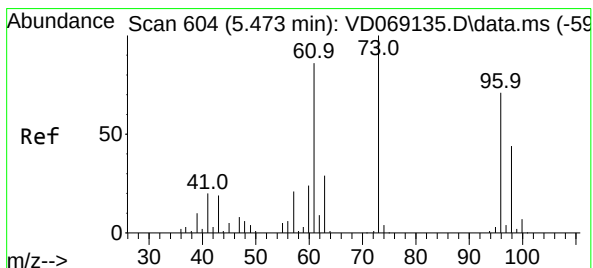
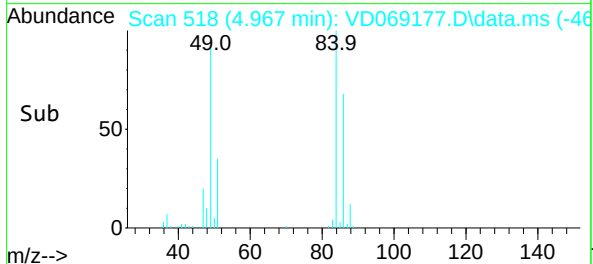
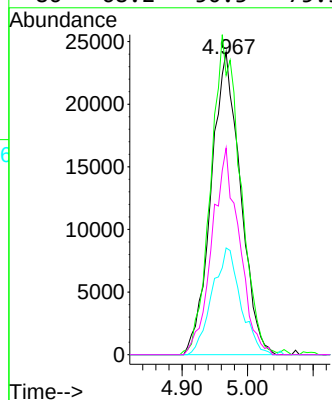
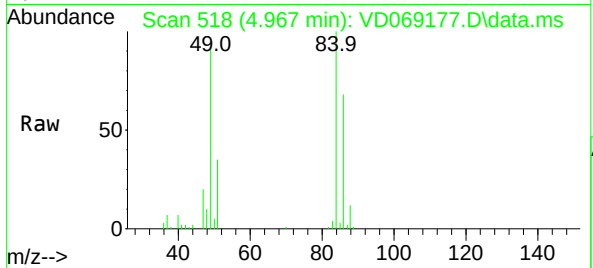




#20
Methylene Chloride
Concen: 13342.53 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

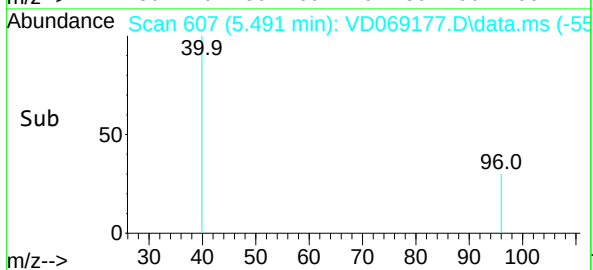
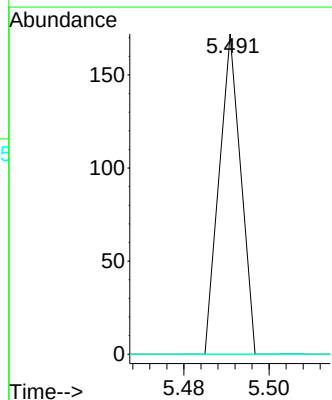
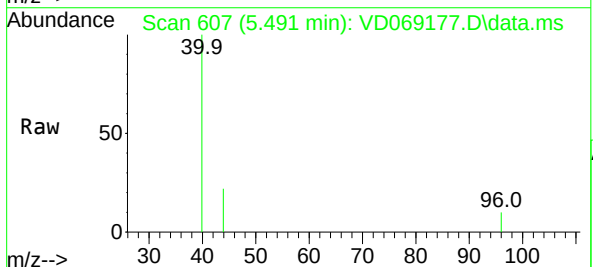
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

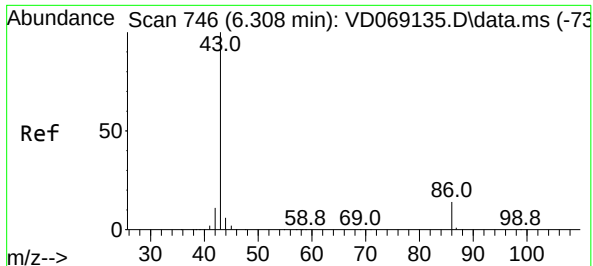
Tgt Ion:	84	Resp:	74952
Ion	Ratio	Lower	Upper
84	100		
49	92.3	78.6	117.8
51	35.3	26.7	40.1
86	68.2	50.3	75.5



#21
trans-1,2-Dichloroethene
Concen: 9.37 ug/l
RT: 5.491 min Scan# 607
Delta R.T. 0.018 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion:	96	Resp:	61
Ion	Ratio	Lower	Upper
96	100		
61	0.0	97.7	146.5#
98	0.0	49.4	74.2#

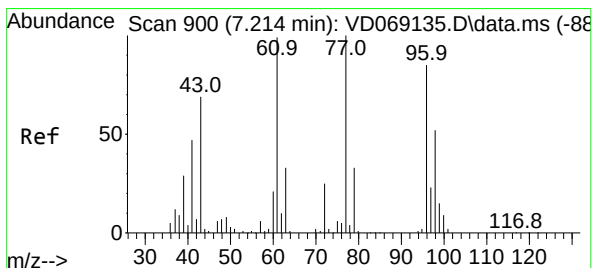
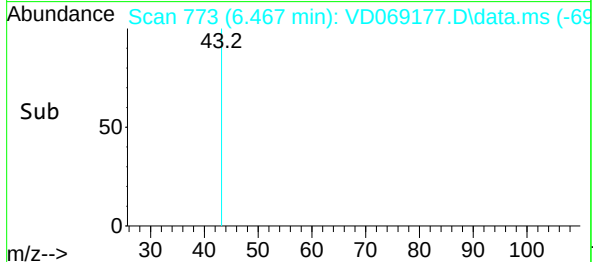
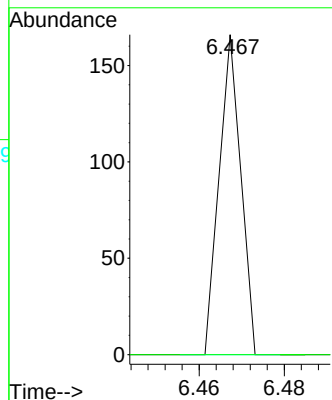
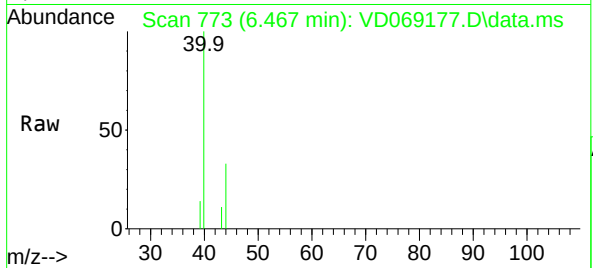




#23
 Vinyl Acetate
 Concen: 8.31 ug/l
 RT: 6.467 min Scan# 773
 Delta R.T. 0.159 min
 Lab File: VD069177.D
 Acq: 14 May 2021 15:26

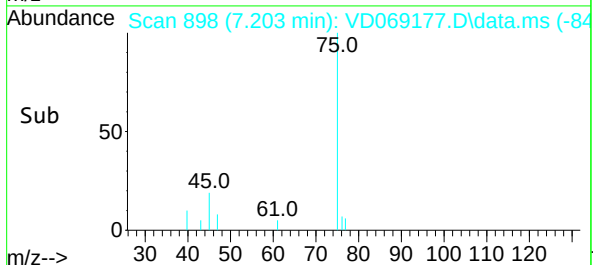
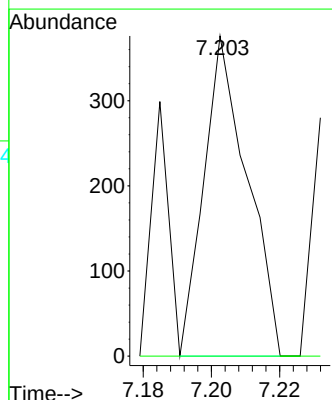
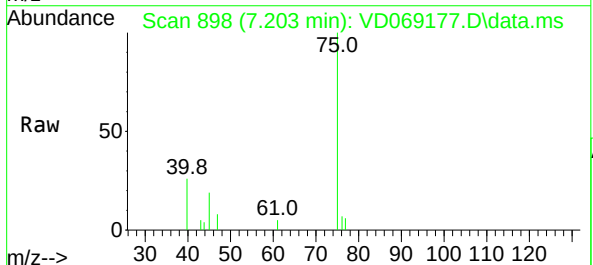
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

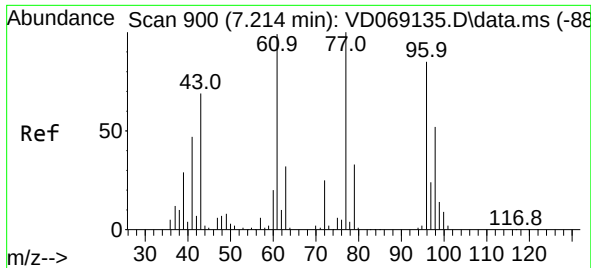
Tgt Ion: 43 Resp: 59
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.1 16.7#



#25
 2-Butanone
 Concen: 290.66 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.011 min
 Lab File: VD069177.D
 Acq: 14 May 2021 15:26

Tgt Ion: 43 Resp: 332
 Ion Ratio Lower Upper
 43 100
 72 0.0 29.1 43.7#

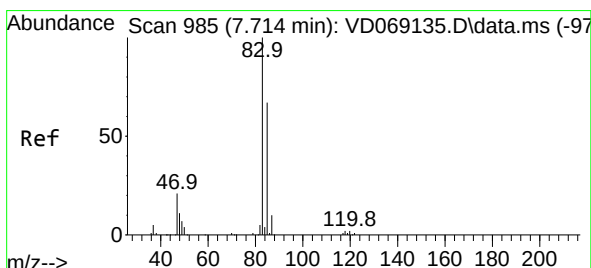
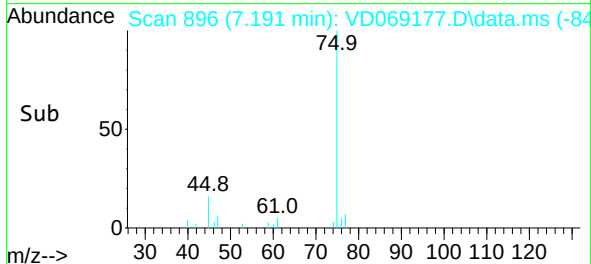
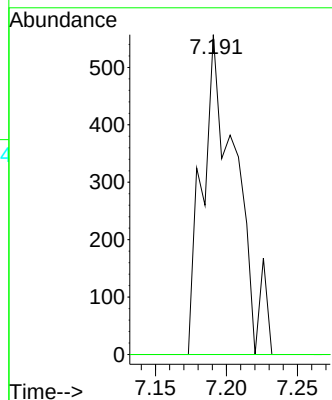
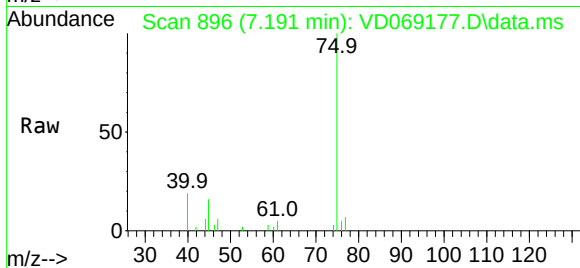




#26
2,2-Dichloropropane
Concen: 94.53 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.023 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

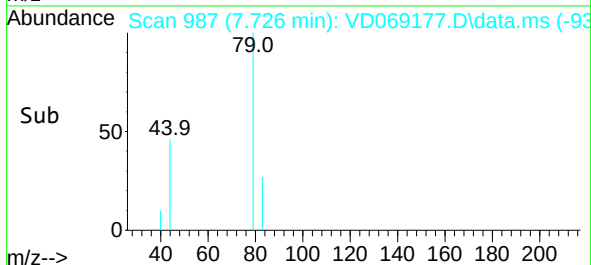
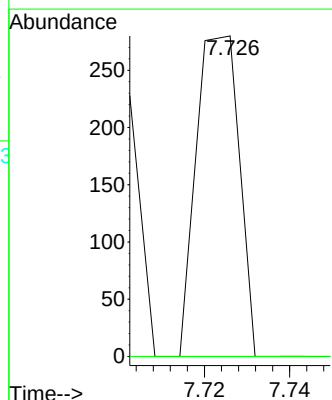
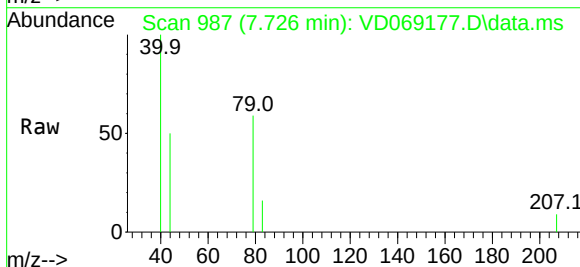
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

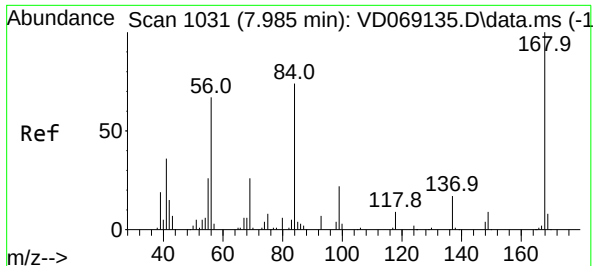
Tgt Ion: 77 Resp: 919
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.5#



#30
Chloroform
Concen: 16.75 ug/l
RT: 7.726 min Scan# 987
Delta R.T. 0.012 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 83 Resp: 196
Ion Ratio Lower Upper
83 100
85 0.0 54.0 81.0#

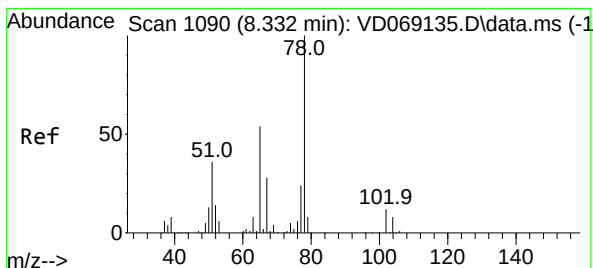
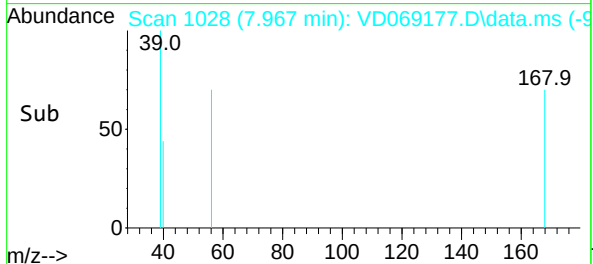
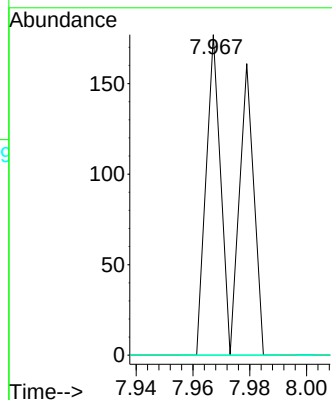
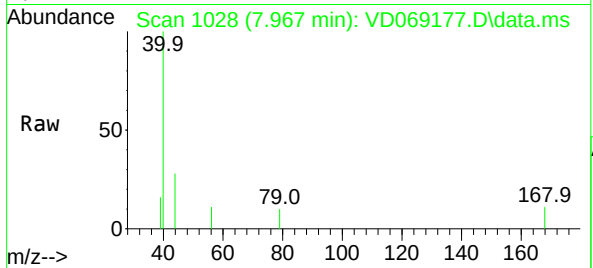




#31
Cyclohexane
Concen: 14.59 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.017 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

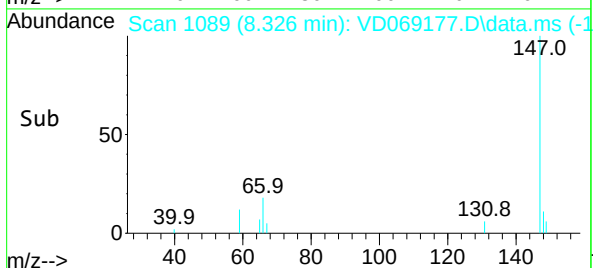
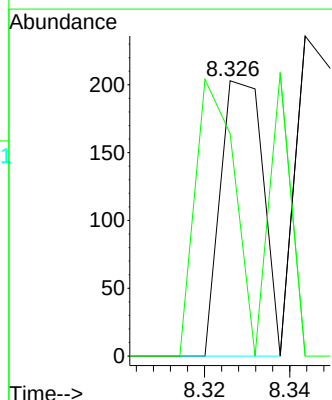
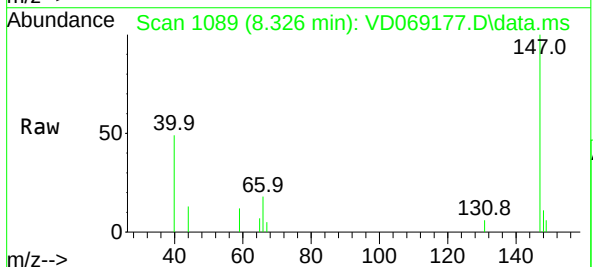
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

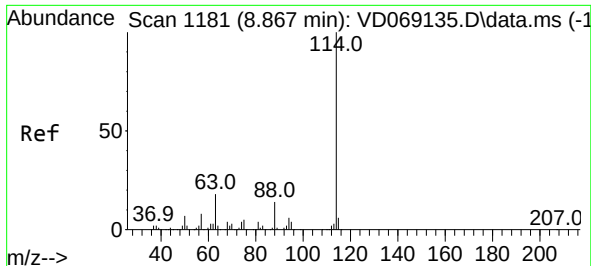
Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
69 0.0 30.6 46.0#
84 0.0 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 25.62 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

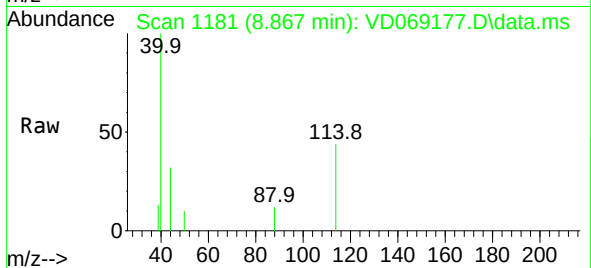
Tgt Ion: 65 Resp: 141
Ion Ratio Lower Upper
65 100
67 92.2 0.0 108.0



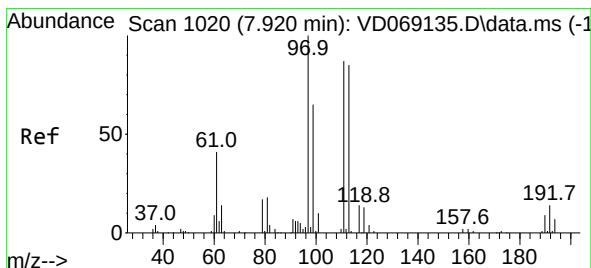
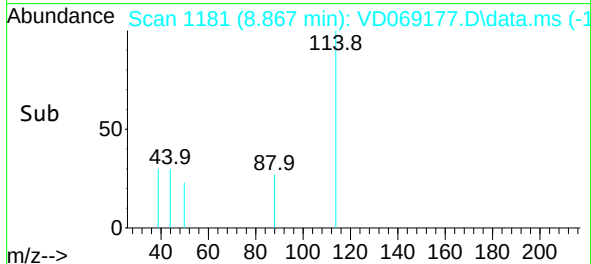
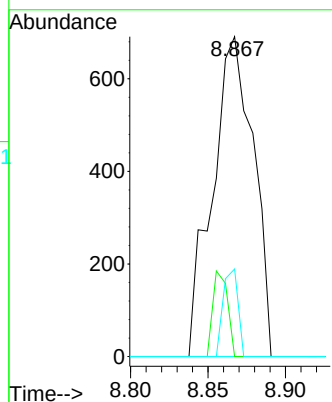


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

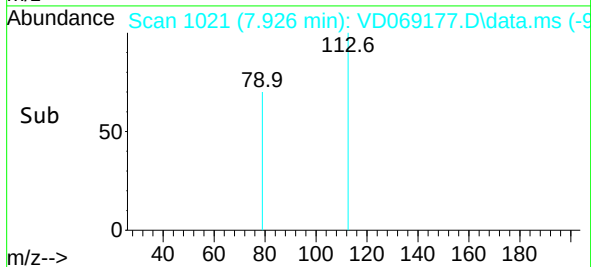
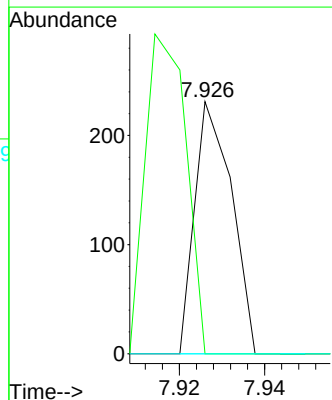
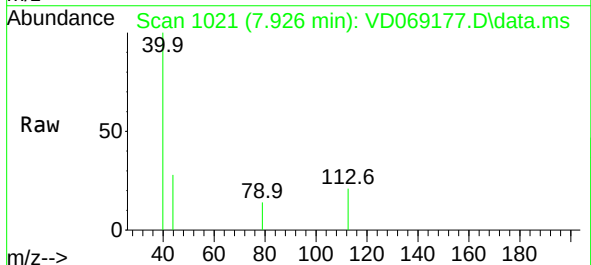


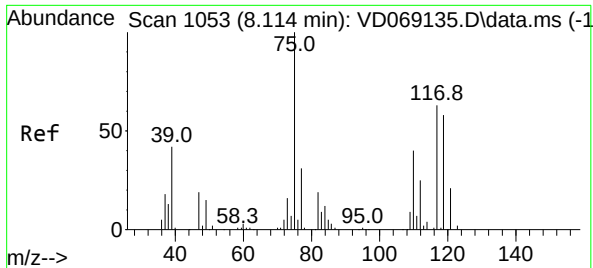
Tgt Ion:114 Resp: 1269
Ion Ratio Lower Upper
114 100
63 0.0 0.0 36.4
88 27.4 0.0 28.2



#35
Dibromofluoromethane
Concen: 16.83 ug/l
RT: 7.926 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion:113 Resp: 139
Ion Ratio Lower Upper
113 100
111 140.3 80.6 120.8#
192 0.0 14.8 22.2#

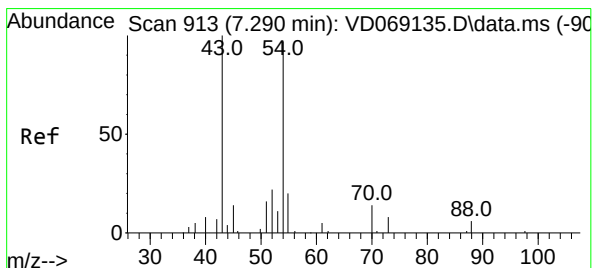
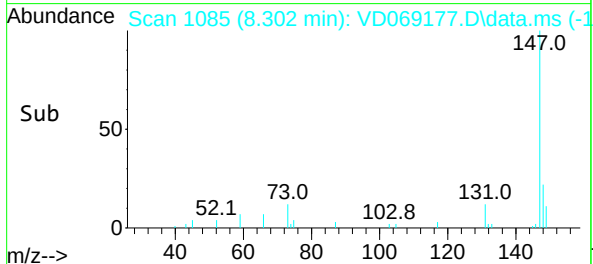
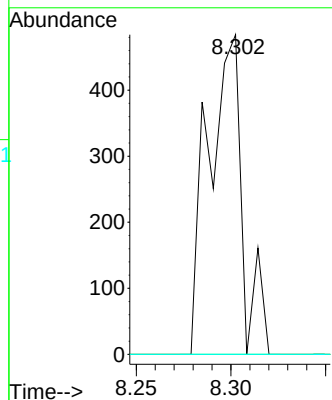
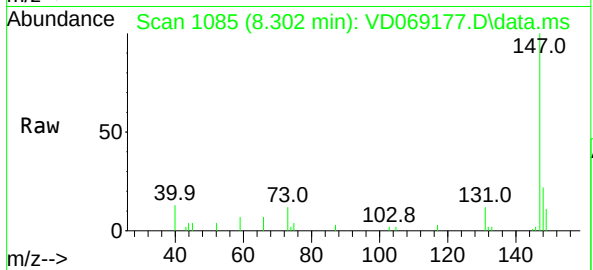




#36
1,1-Dichloropropene
Concen: 49.20 ug/l
RT: 8.302 min Scan# 1085
Delta R.T. 0.188 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

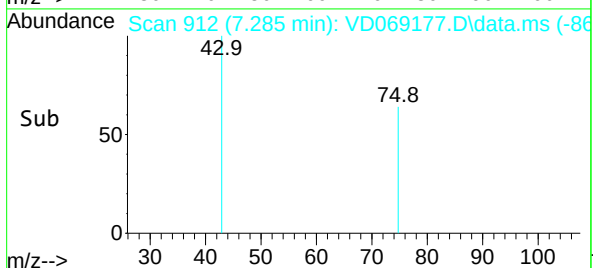
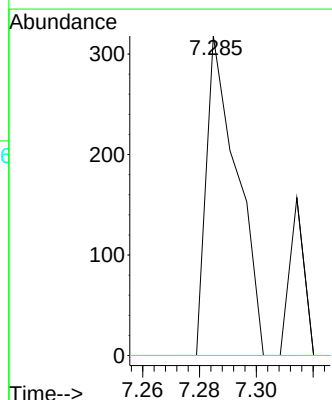
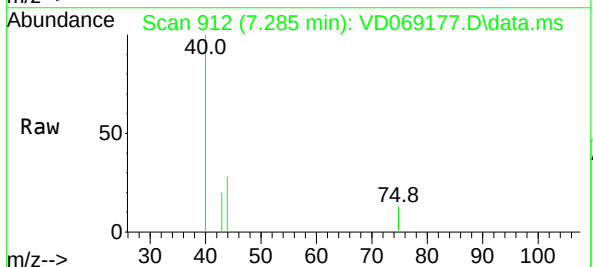
Instrument :
MSVOA_D
ClientSampled :
VIBLK

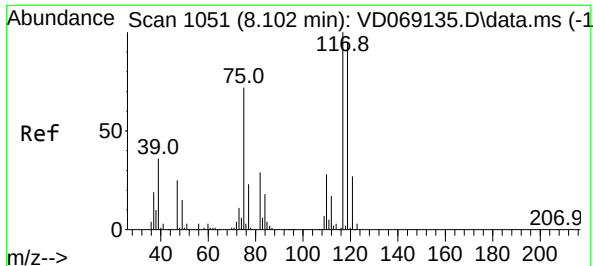
Tgt Ion: 75 Resp: 607
Ion Ratio Lower Upper
75 100
110 0.0 18.8 56.4#
77 0.0 25.2 37.8#



#37
Ethyl Acetate
Concen: 60.04 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

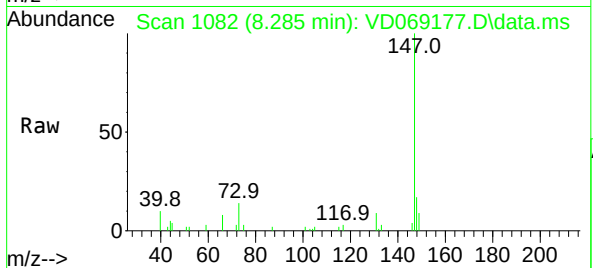
Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 10.4 15.6#



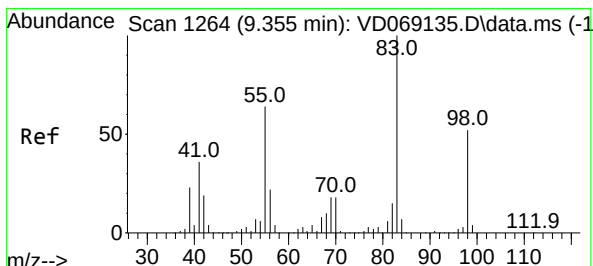
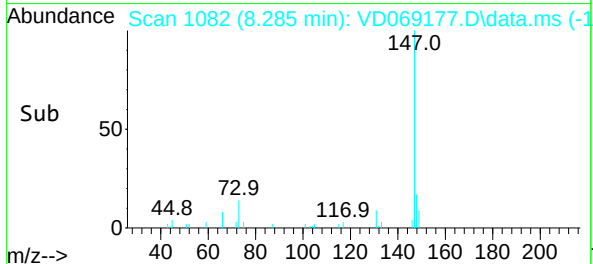
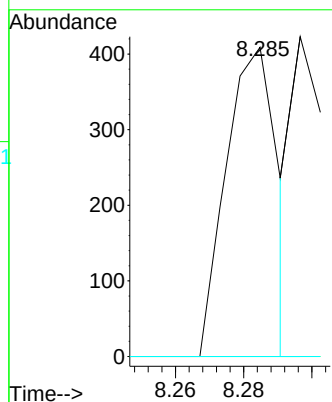


#38
Carbon Tetrachloride
Concen: 31.03 ug/l
RT: 8.285 min Scan# 1082
Delta R.T. 0.183 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Instrument :
MSVOA_D
ClientSampled :
VIBLK

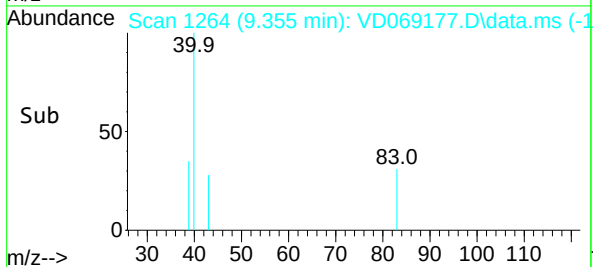
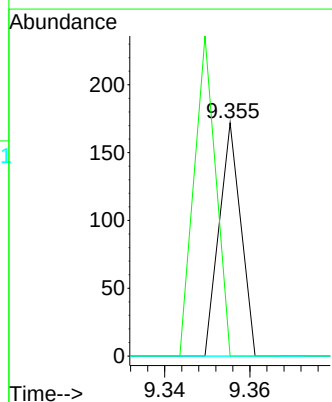
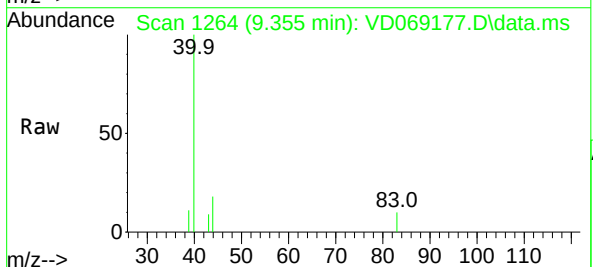


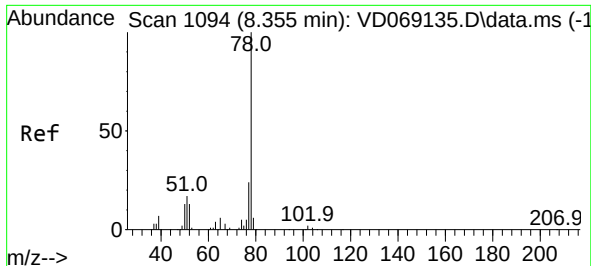
Tgt Ion: 117 Resp: 428
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 21.9 32.9#



#39
Methylcyclohexane
Concen: 4.69 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 83 Resp: 61
Ion Ratio Lower Upper
83 100
55 0.0 51.2 76.8#
98 0.0 41.4 62.2#

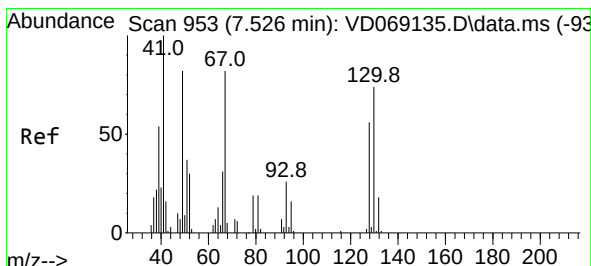
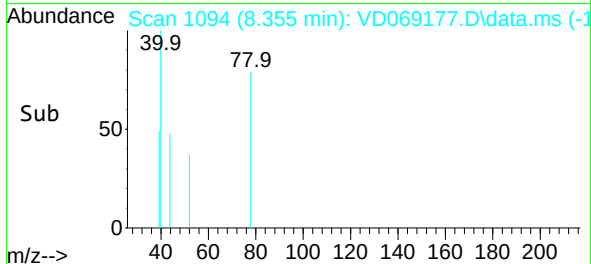
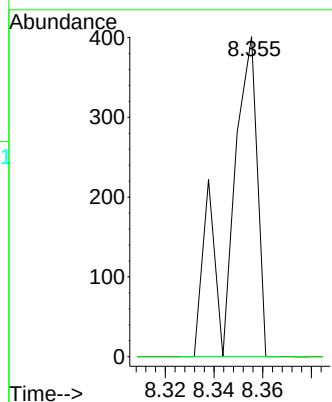
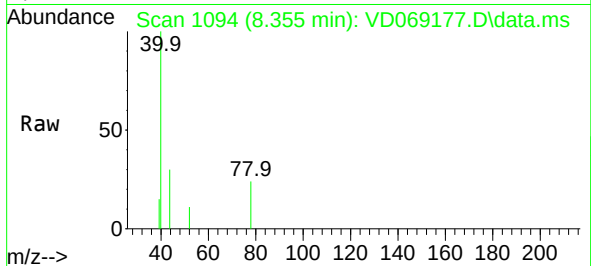




#40
Benzene
Concen: 9.03 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

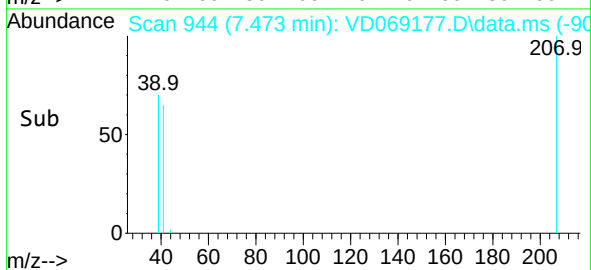
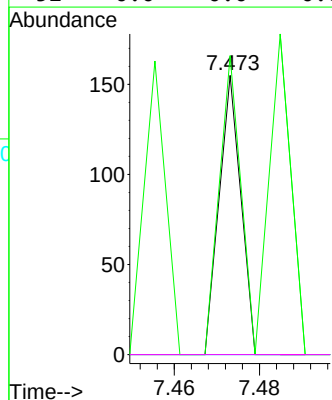
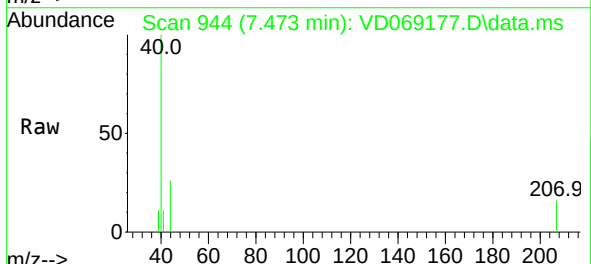
Instrument :
MSVOA_D
ClientSampled :
VIBLK

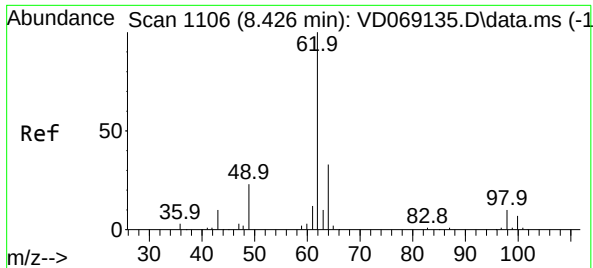
Tgt Ion: 78 Resp: 319
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#



#41
Methacrylonitrile
Concen: 26.07 ug/l
RT: 7.473 min Scan# 944
Delta R.T. -0.053 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 41 Resp: 55
Ion Ratio Lower Upper
41 100
39 220.0 58.0 87.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

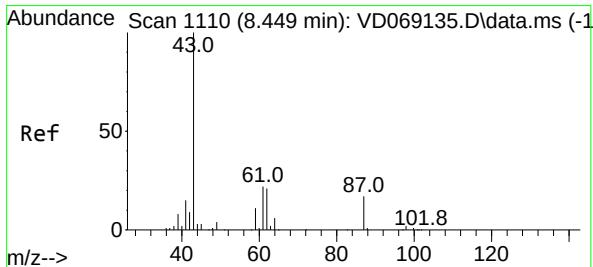
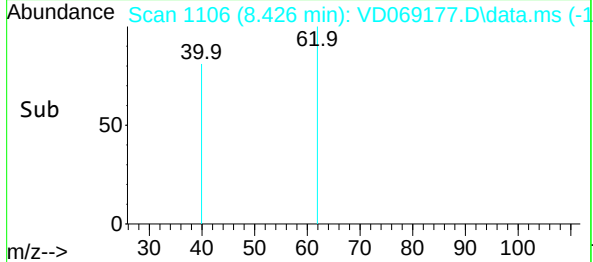
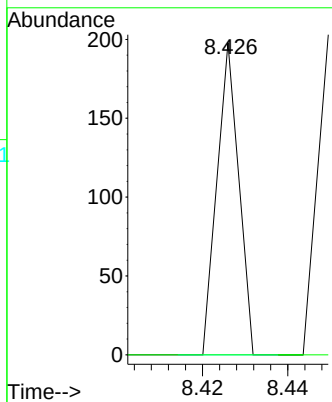
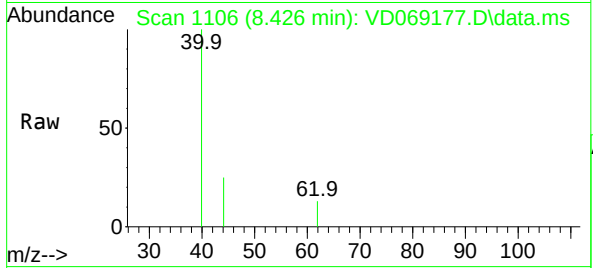




#42
 1,2-Dichloroethane
 Concen: 7.25 ug/l
 RT: 8.426 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: VD069177.D
 Acq: 14 May 2021 15:26

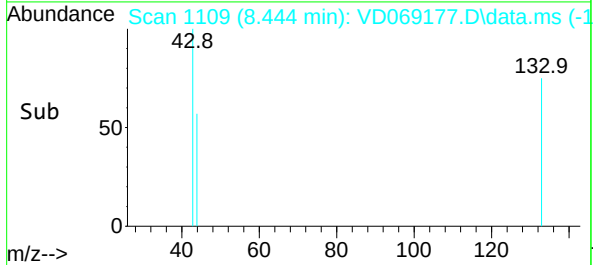
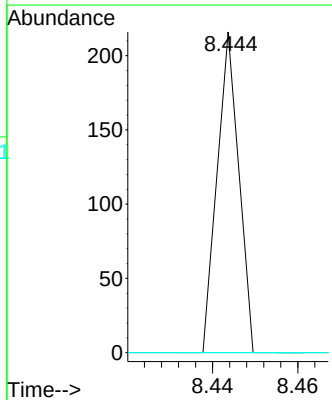
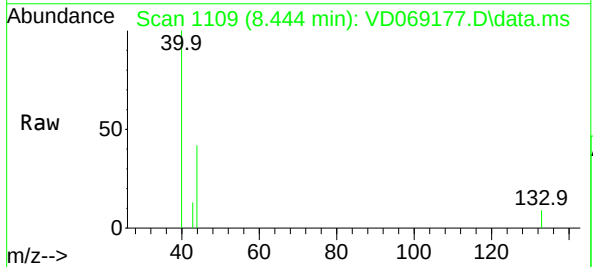
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

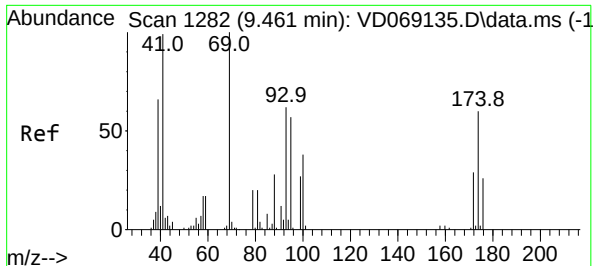
Tgt Ion:	62	Resp:	70
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.6



#43
 Isopropyl Acetate
 Concen: 10.56 ug/l
 RT: 8.444 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: VD069177.D
 Acq: 14 May 2021 15:26

Tgt Ion:	43	Resp:	76
Ion	Ratio	Lower	Upper
43	100		
61	0.0	28.6	42.8#
87	0.0	13.8	20.8#

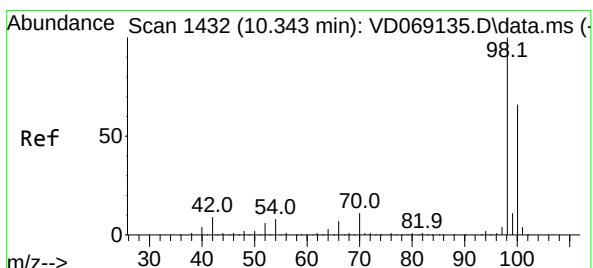
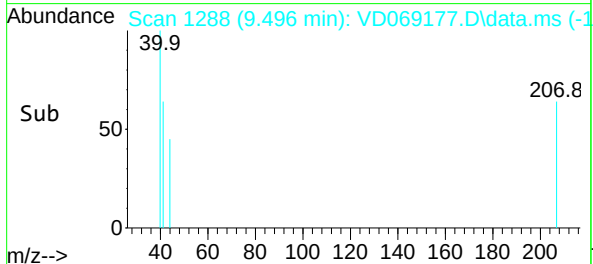
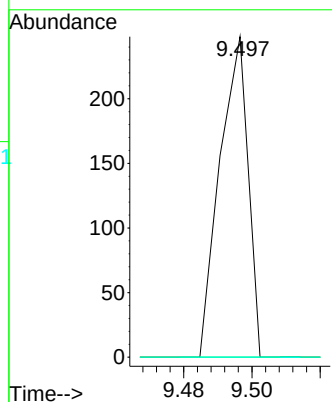
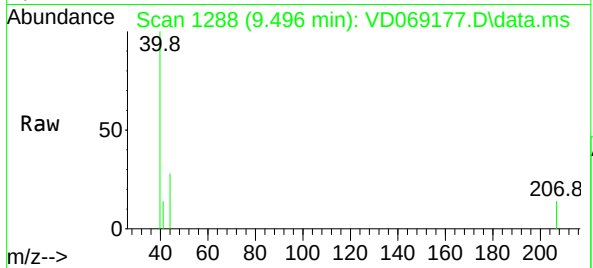




#48
Methyl methacrylate
Concen: 42.96 ug/l
RT: 9.496 min Scan# 1288
Delta R.T. 0.036 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

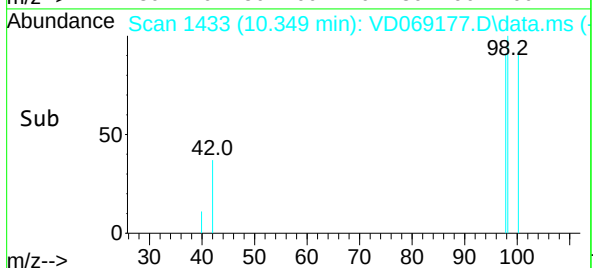
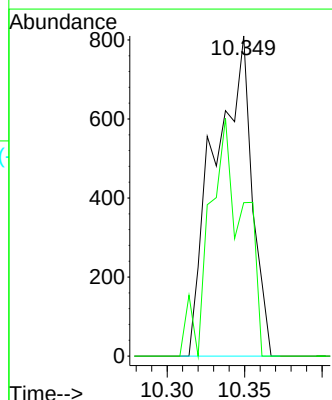
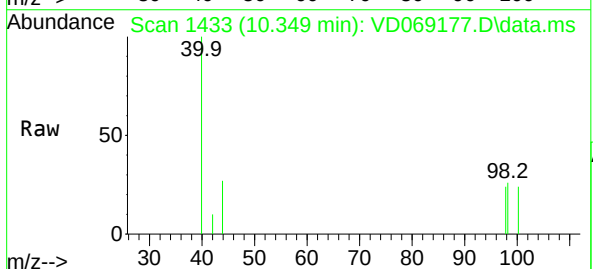
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

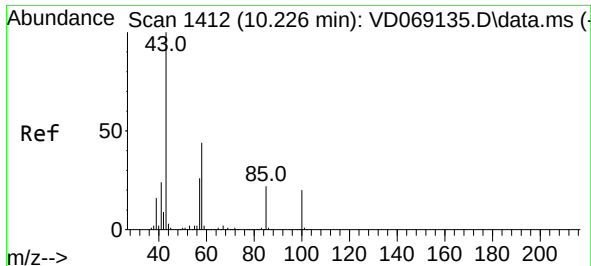
Tgt Ion: 41 Resp: 143
Ion Ratio Lower Upper
41 100
69 0.0 88.0 132.0#
39 0.0 51.4 77.0#



#50
Toluene-d8
Concen: 44.65 ug/l
RT: 10.349 min Scan# 1433
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 98 Resp: 1355
Ion Ratio Lower Upper
98 100
100 68.1 51.8 77.8

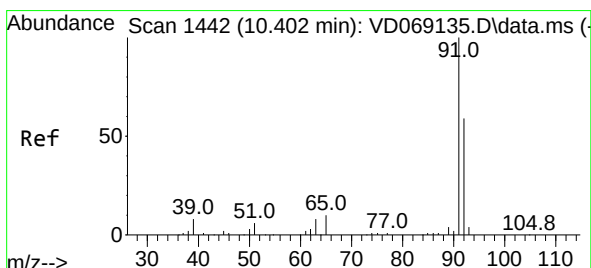
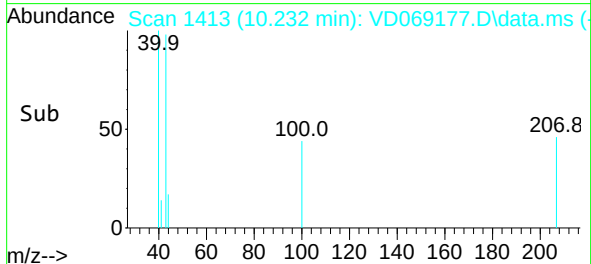
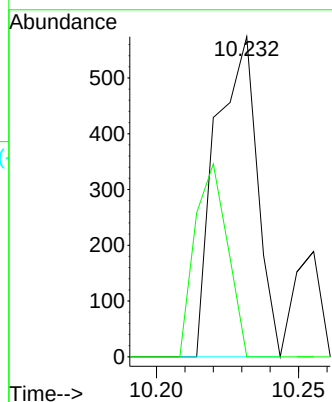
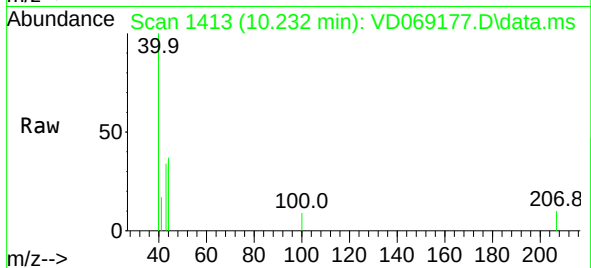




#51
4-Methyl-2-Pentanone
Concen: 156.34 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

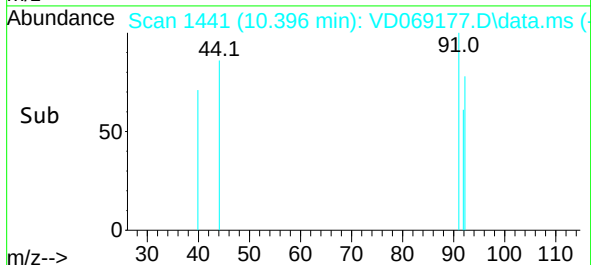
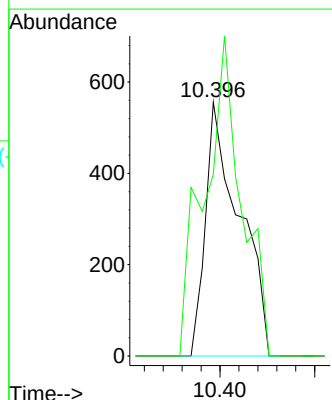
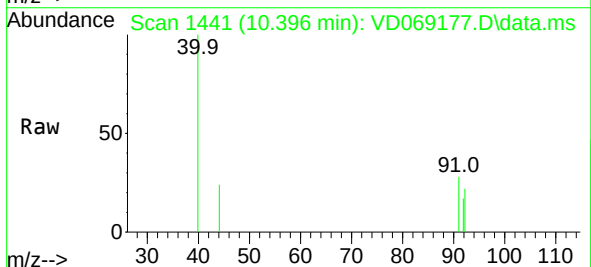
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

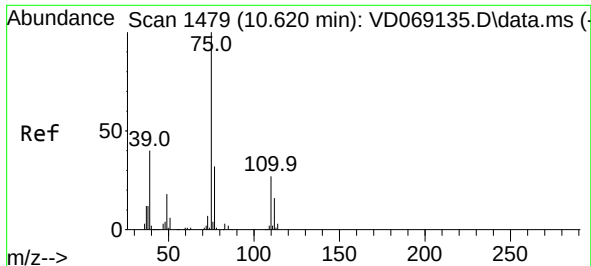
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 47.7 35.0 52.4



#52
Toluene
Concen: 30.34 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 92 Resp: 692
Ion Ratio Lower Upper
92 100
91 138.0 136.2 204.2

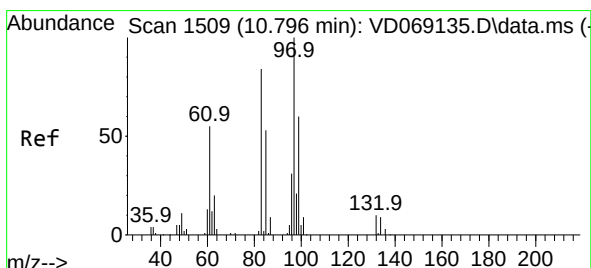
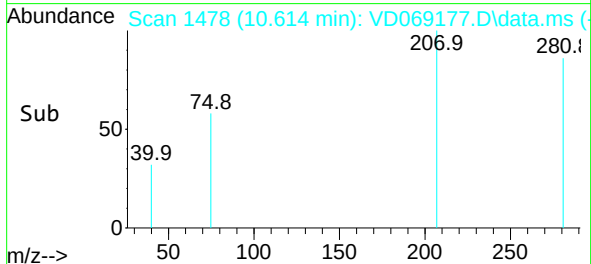
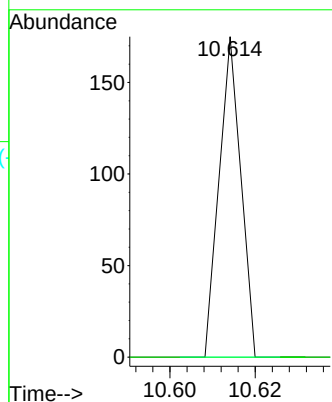
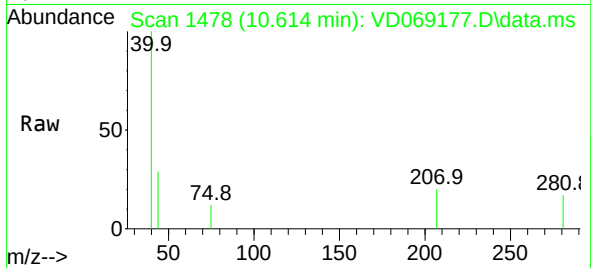




#53
t-1,3-Dichloropropene
Concen: 5.56 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

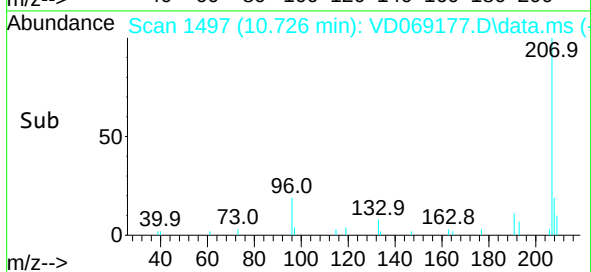
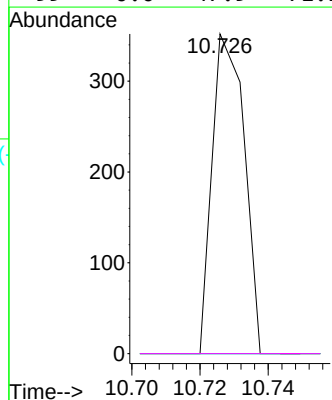
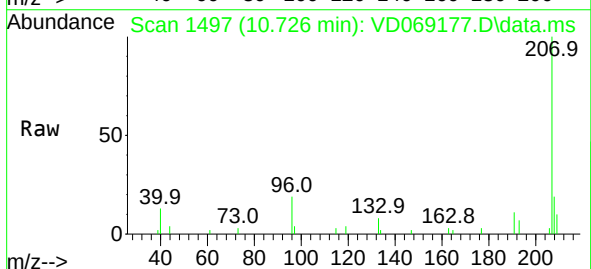
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

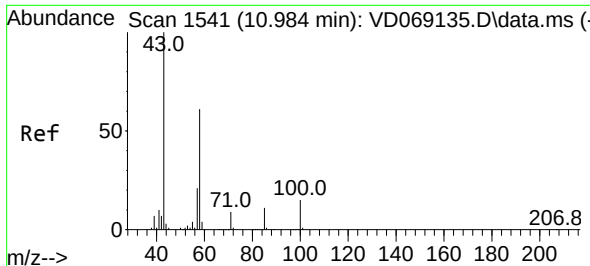
Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#



#55
1,1,2-Trichloroethane
Concen: 34.22 ug/l
RT: 10.726 min Scan# 1497
Delta R.T. -0.070 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 97 Resp: 230
Ion Ratio Lower Upper
97 100
83 0.0 66.9 100.3#
85 0.0 42.2 63.4#
99 0.0 47.9 71.9#

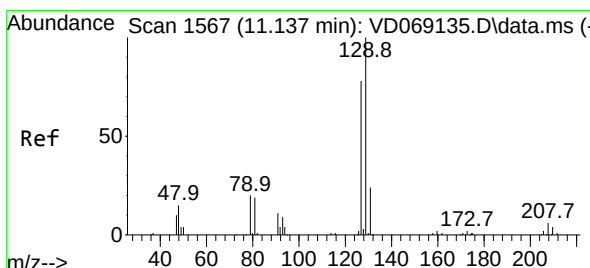
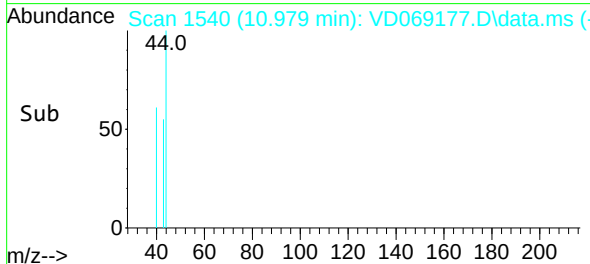
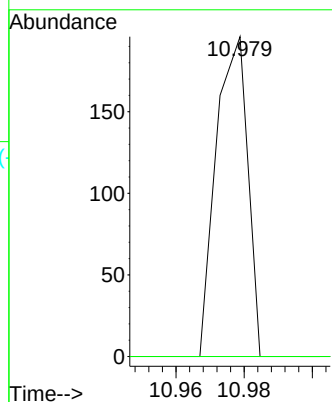
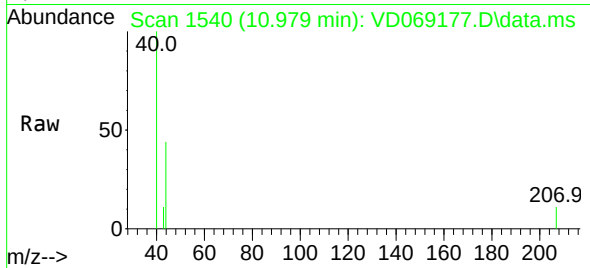




#59
2-Hexanone
Concen: 50.99 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

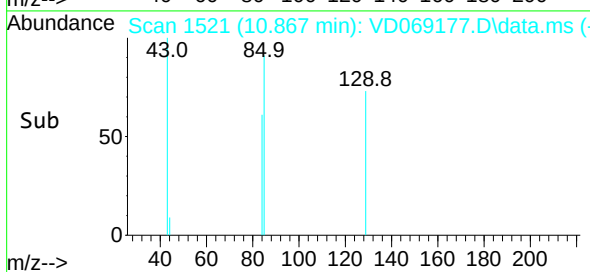
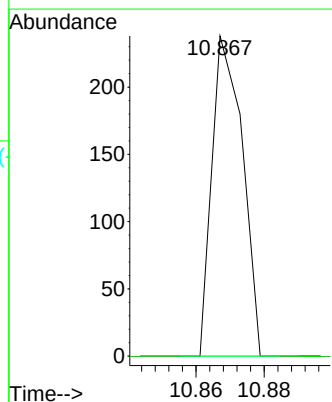
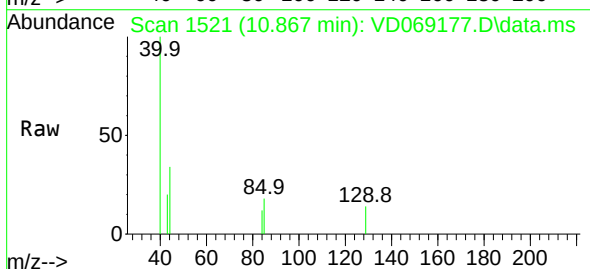
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

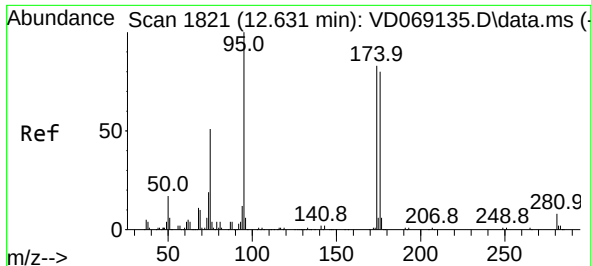
Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#60
Dibromochloromethane
Concen: 17.15 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.270 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 129 Resp: 148
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

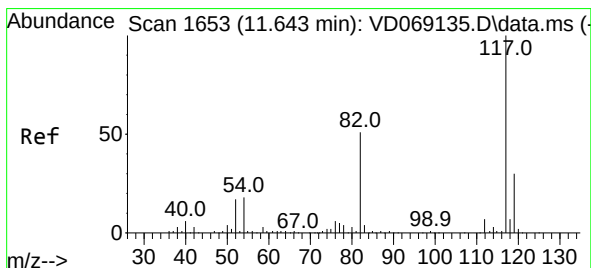
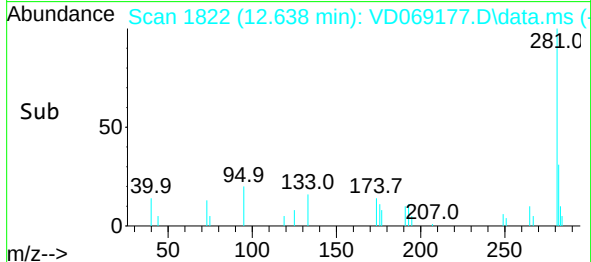
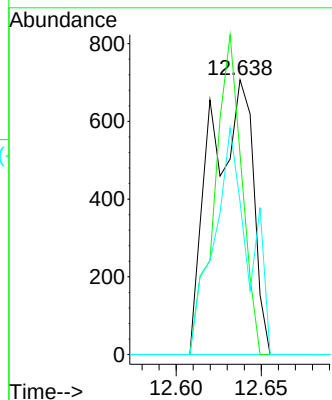
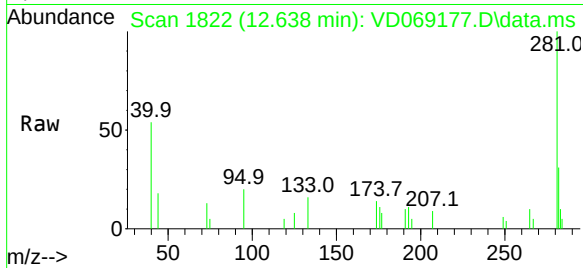




#62
4-Bromofluorobenzene
Concen: 124.03 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

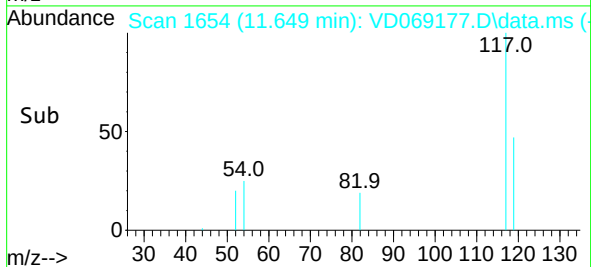
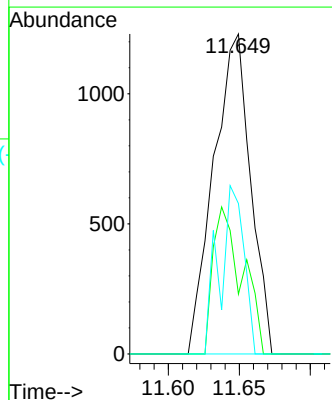
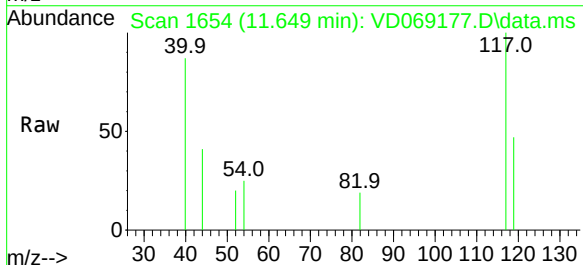
Instrument :
MSVOA_D
ClientSampled :
VIBLK

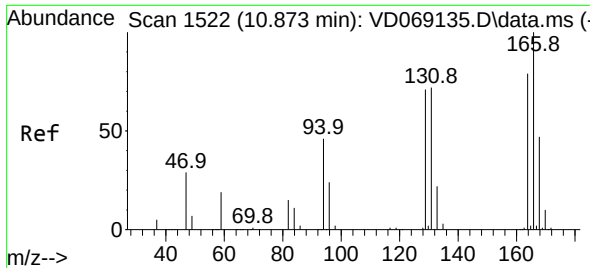
Tgt Ion: 95 Resp: 1211
Ion Ratio Lower Upper
95 100
174 75.5 0.0 171.8
176 67.6 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 117 Resp: 2222
Ion Ratio Lower Upper
117 100
82 18.7 40.5 60.7#
119 47.0 24.2 36.4#

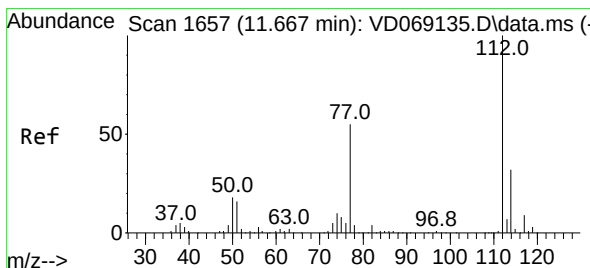
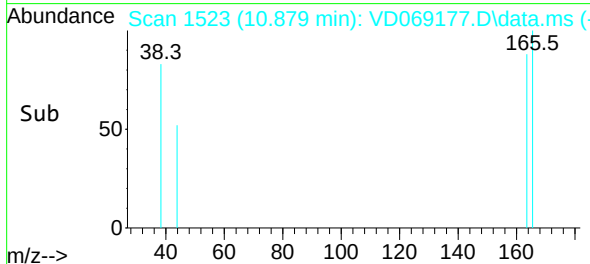
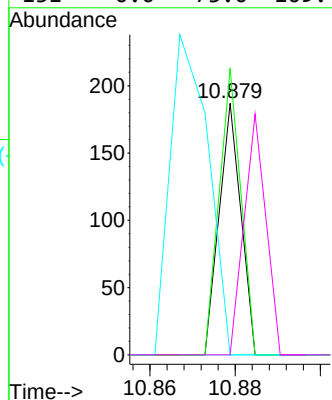
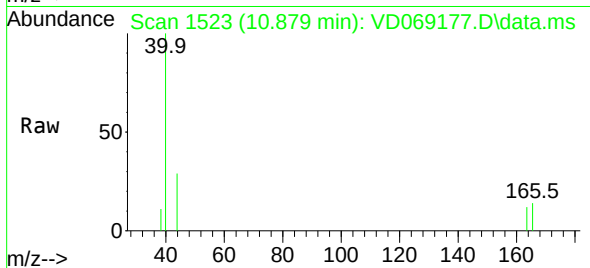




#64
Tetrachloroethene
Concen: 4.27 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

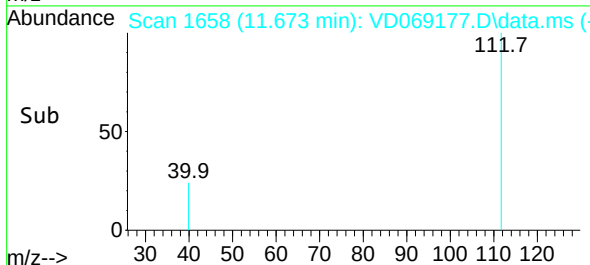
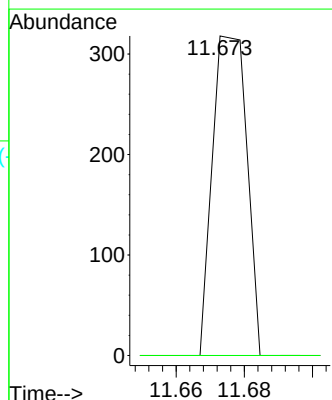
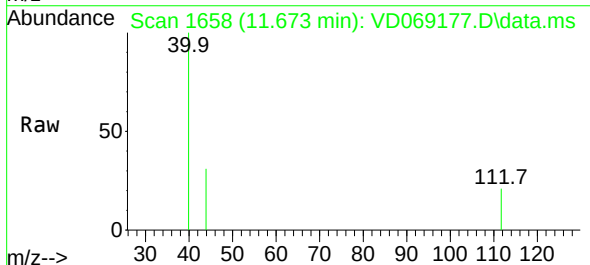
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

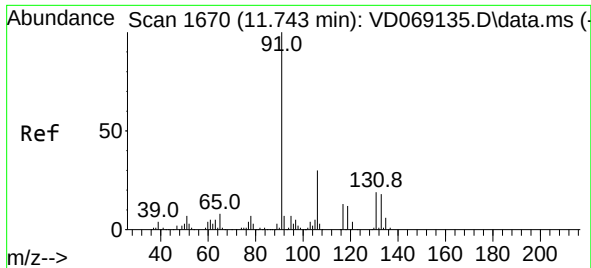
Tgt Ion:164 Resp: 66
Ion Ratio Lower Upper
164 100
166 113.9 101.7 152.5
129 0.0 72.6 109.0#
131 0.0 73.0 109.4#



#65
Chlorobenzene
Concen: 4.84 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion:112 Resp: 223
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#

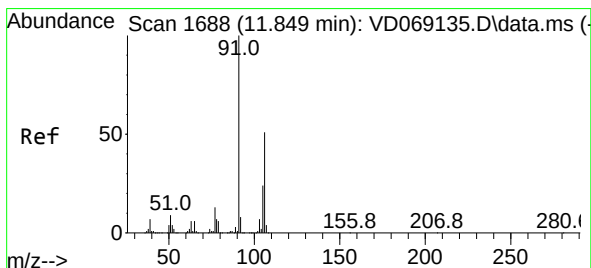
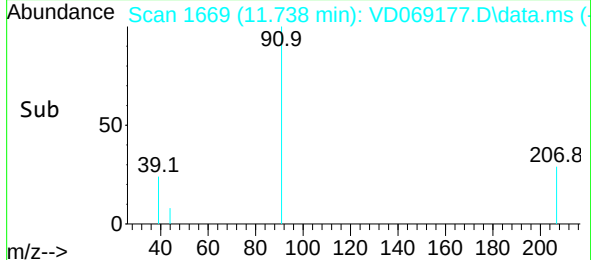
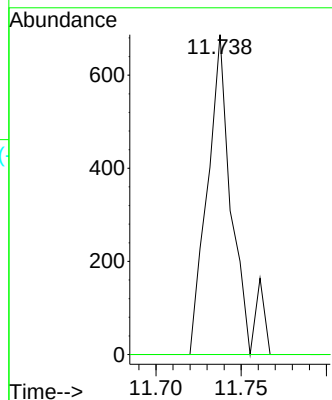
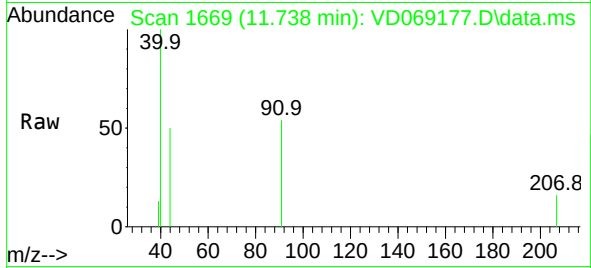




#67
Ethyl Benzene
Concen: 8.86 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

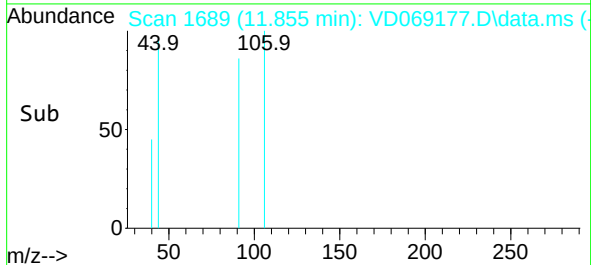
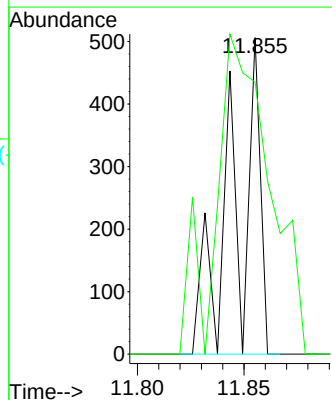
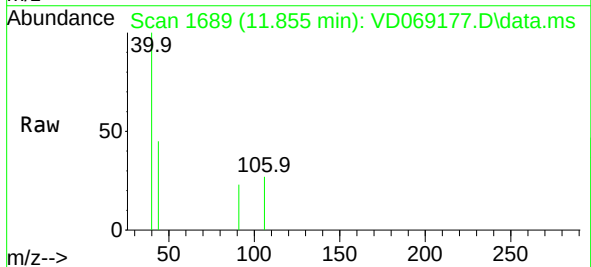
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

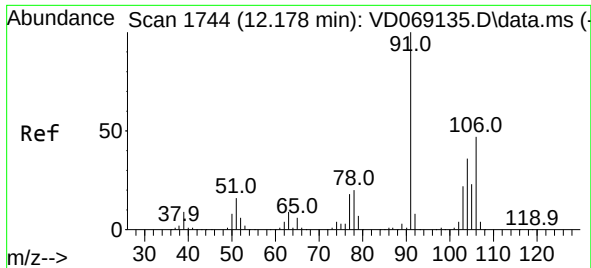
Tgt Ion: 91 Resp: 702
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#



#68
m/p-Xylenes
Concen: 13.46 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion:106 Resp: 418
Ion Ratio Lower Upper
106 100
91 217.0 157.3 235.9

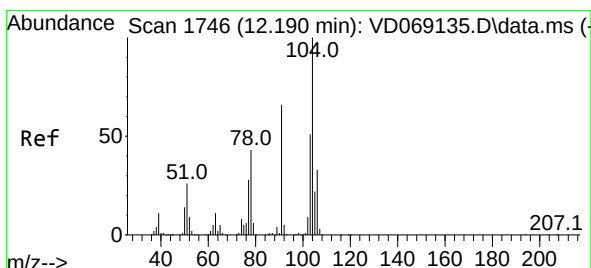
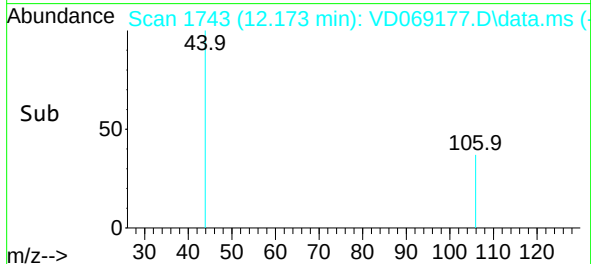
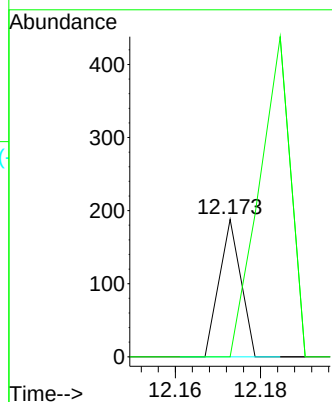
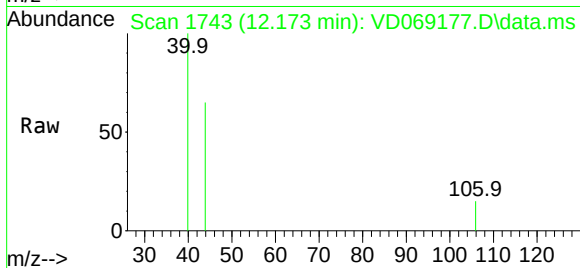




#69
o-Xylene
Concen: 2.39 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

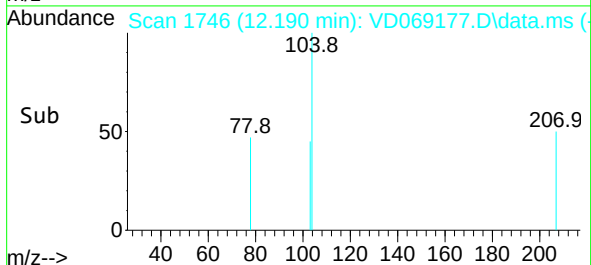
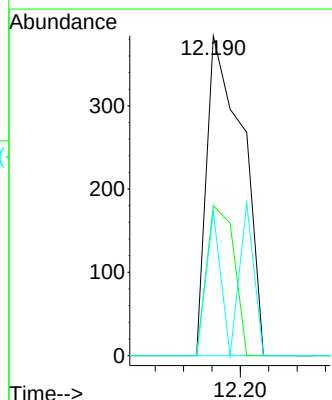
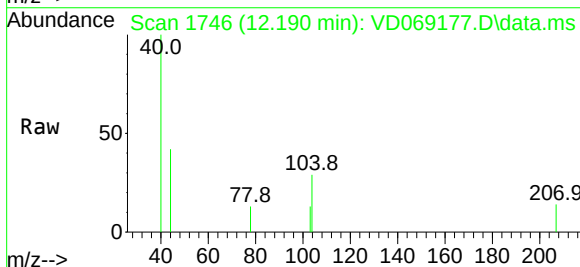
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

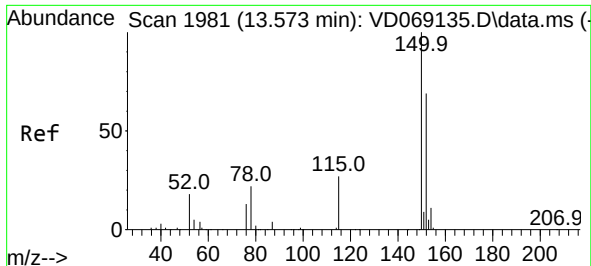
Tgt Ion:106 Resp: 66
Ion Ratio Lower Upper
106 100
91 337.9 104.8 314.6#



#70
Styrene
Concen: 6.95 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion:104 Resp: 335
Ion Ratio Lower Upper
104 100
78 35.8 37.8 56.6#
103 37.6 44.8 67.2#

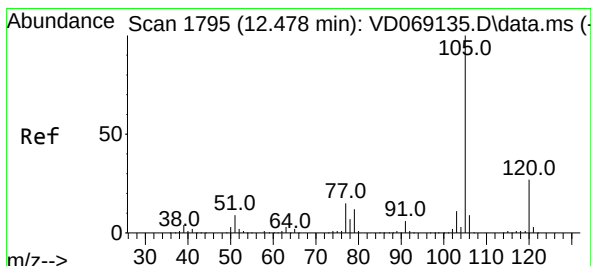
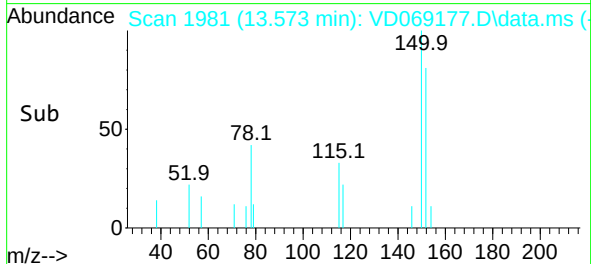
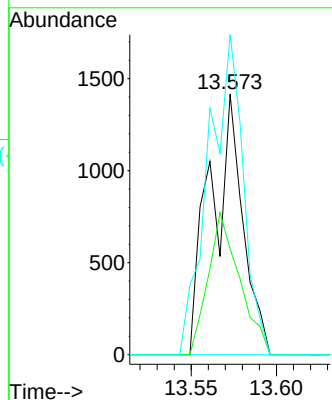
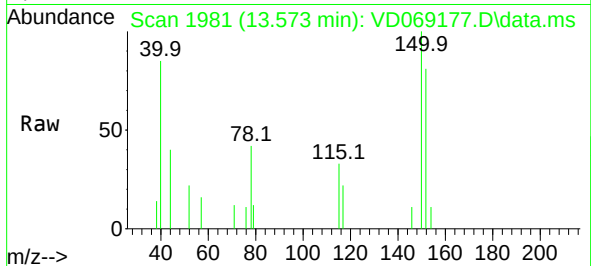




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

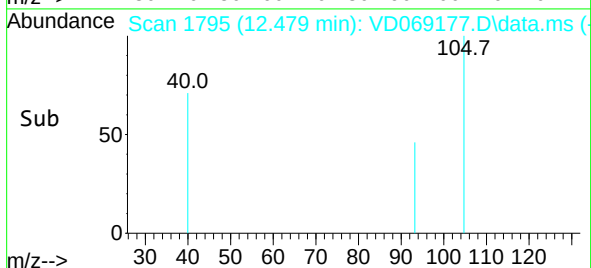
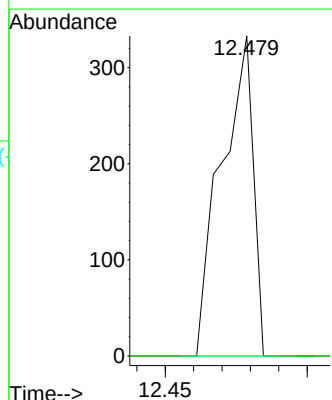
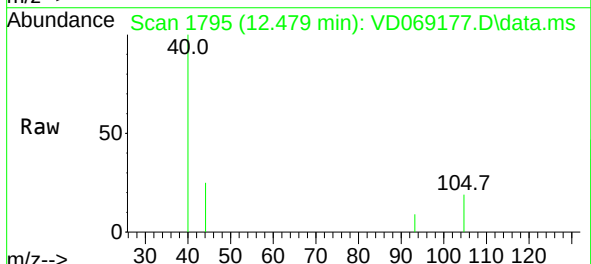
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

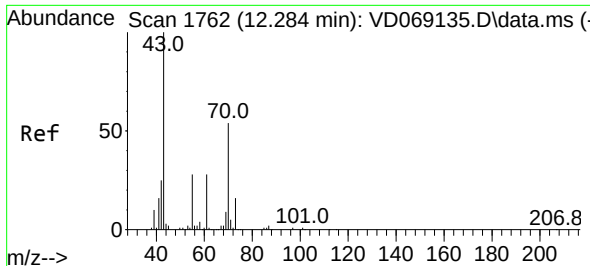
Tgt Ion:152 Resp: 1865
Ion Ratio Lower Upper
152 100
115 53.0 29.9 89.8
150 131.8 0.0 350.2



#73
Isopropylbenzene
Concen: 1.99 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

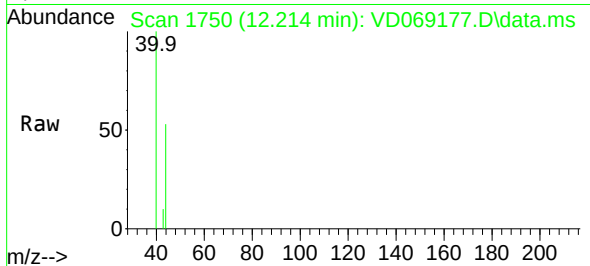
Tgt Ion:105 Resp: 259
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#



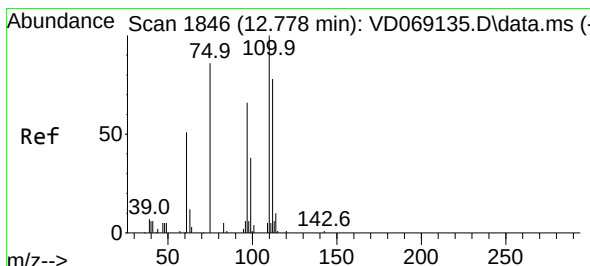
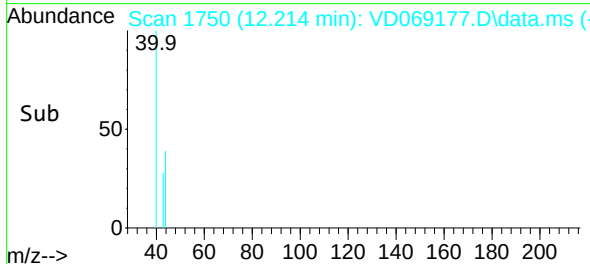
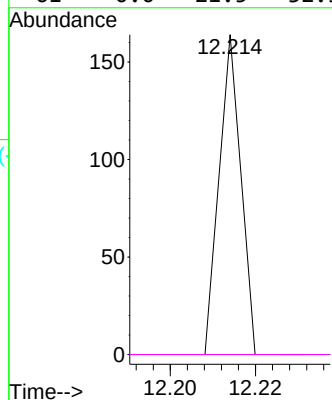


#74
N-amy1 acetate
Concen: 2.72 ug/l
RT: 12.214 min Scan# 1750
Delta R.T. -0.070 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

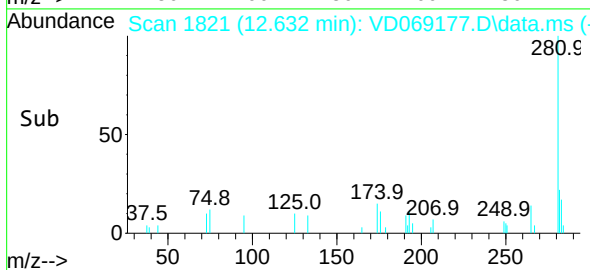
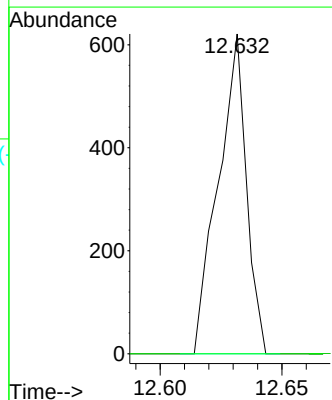
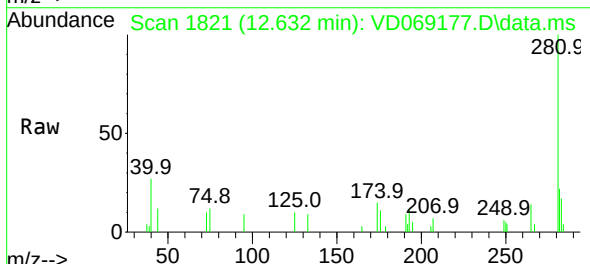


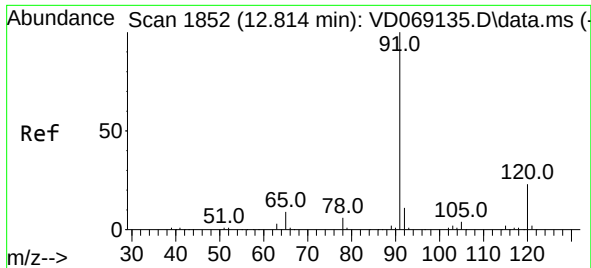
Tgt Ion: 43	Resp: 58
Ion Ratio	Lower Upper
43 100	
70 0.0	41.6 62.4#
55 0.0	22.6 34.0#
61 0.0	21.5 32.3#



#76
1,2,3-Trichloropropane
Concen: 35.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 75	Resp: 498
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0

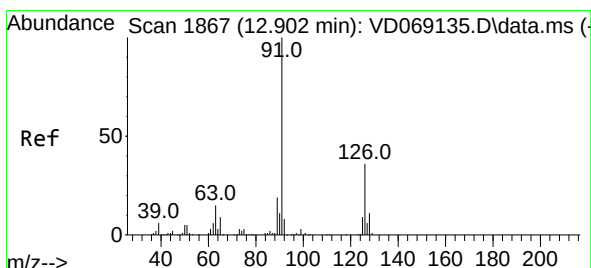
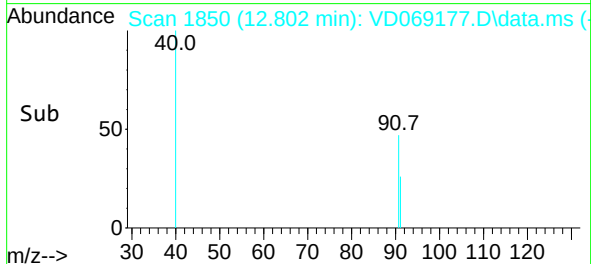
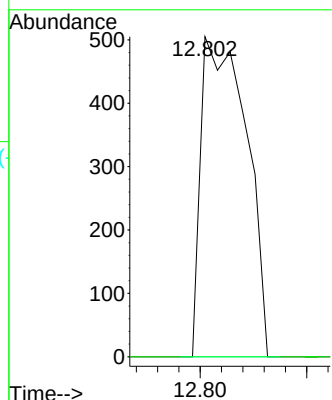
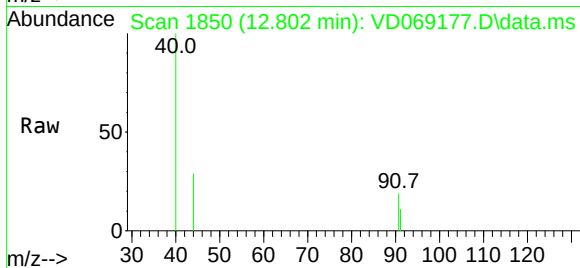




#78
n-propylbenzene
Concen: 4.74 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.011 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

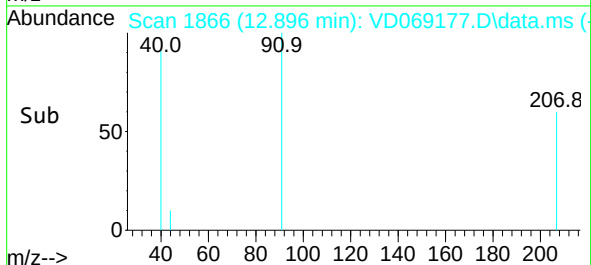
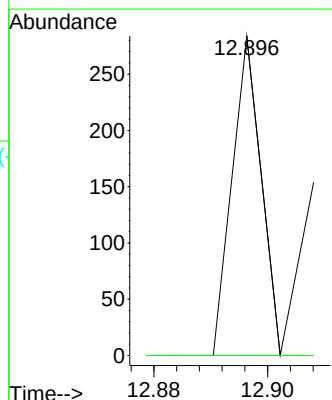
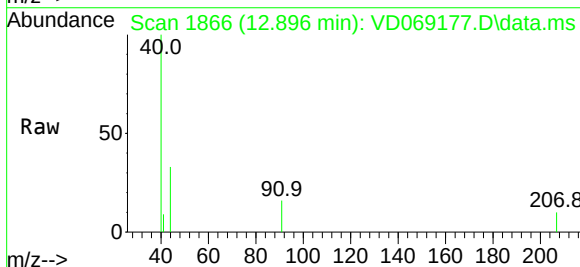
Instrument :
MSVOA_D
ClientSampled :
VIBLK

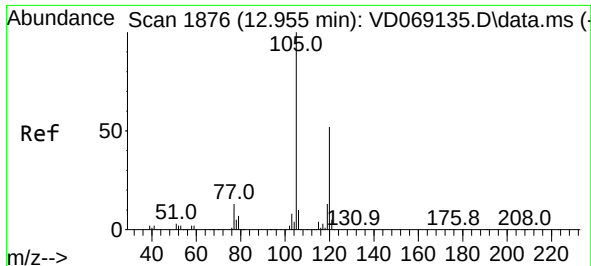
Tgt Ion: 91 Resp: 746
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.7#



#79
2-Chlorotoluene
Concen: 1.14 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 91 Resp: 100
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

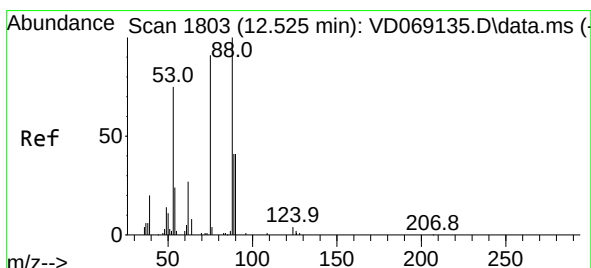
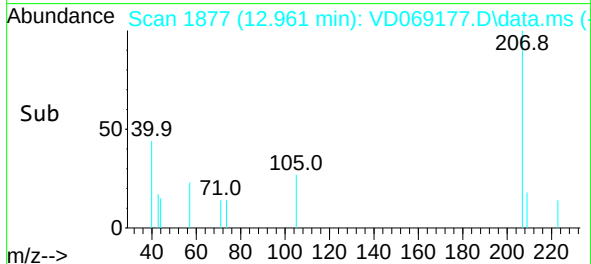
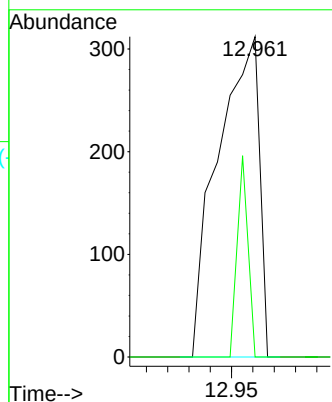
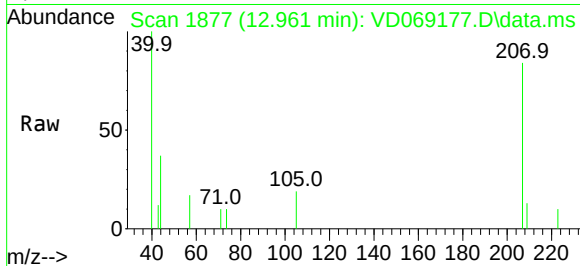




#80
 1,3,5-Trimethylbenzene
 Concen: 3.92 ug/l
 RT: 12.961 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VD069177.D
 Acq: 14 May 2021 15:26

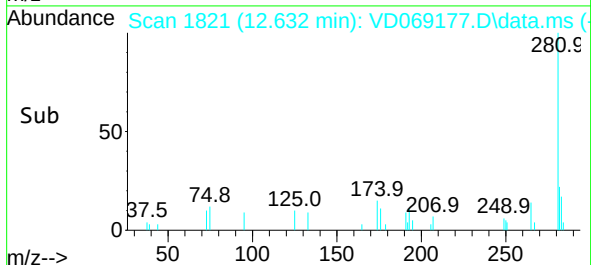
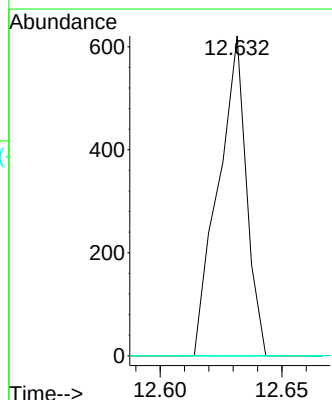
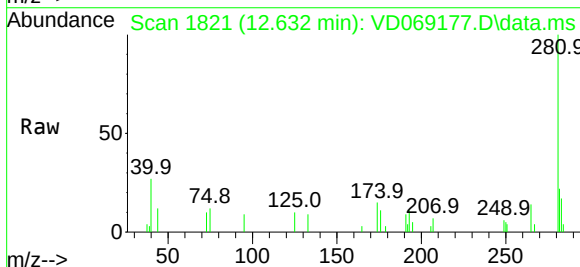
Instrument :
 MSVOA_D
 ClientSampled :
 VIBLK

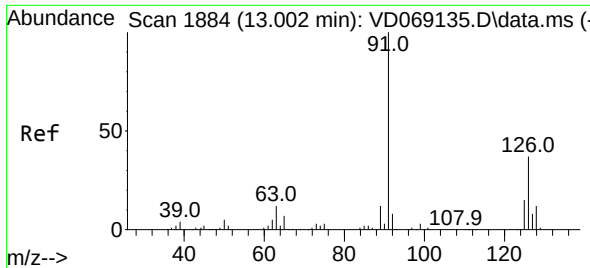
Tgt Ion:105 Resp: 421
 Ion Ratio Lower Upper
 105 100
 120 16.4 25.3 75.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.75 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD069177.D
 Acq: 14 May 2021 15:26

Tgt Ion: 75 Resp: 498
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.0 105.0#
 89 0.0 40.2 60.2#

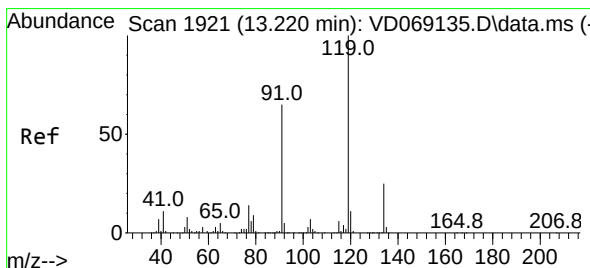
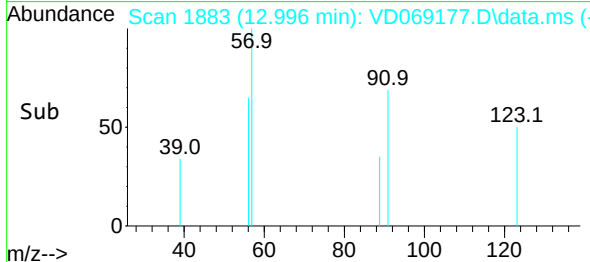
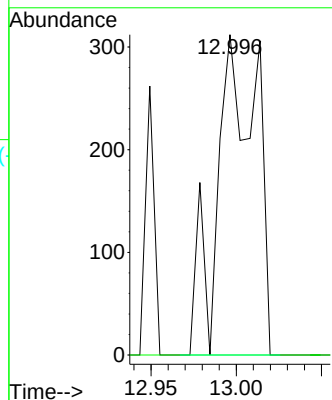
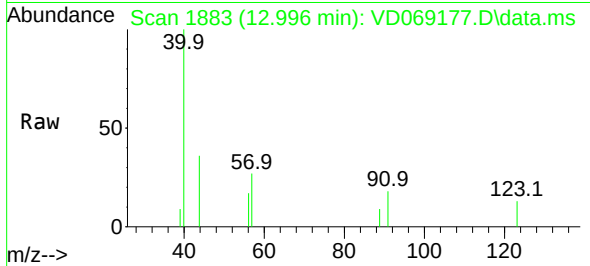




#82
4-Chlorotoluene
Concen: 5.36 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

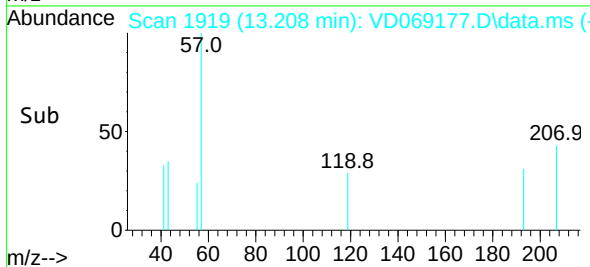
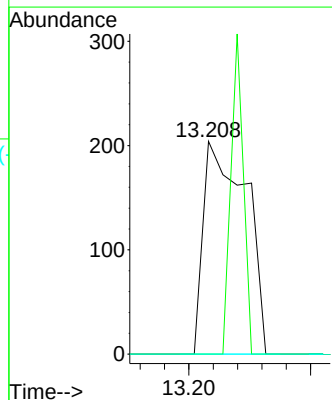
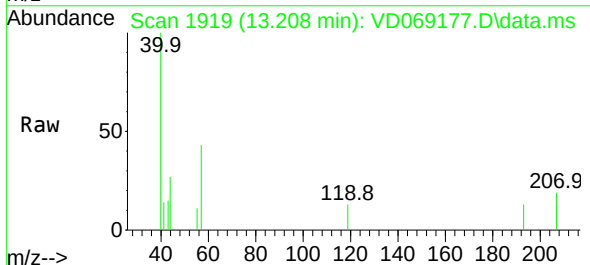
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

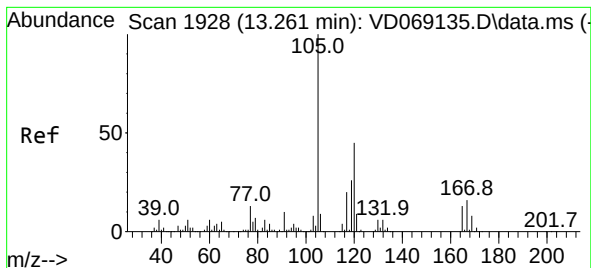
Tgt Ion: 91 Resp: 500
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#



#83
tert-Butylbenzene
Concen: 2.77 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.012 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 119 Resp: 248
Ion Ratio Lower Upper
119 100
91 43.5 32.5 97.4
134 0.0 13.8 41.3#





#84

1,2,4-Trimethylbenzene

Concen: 4.99 ug/l

RT: 13.273 min Scan# 1930

Delta R.T. 0.012 min

Lab File: VD069177.D

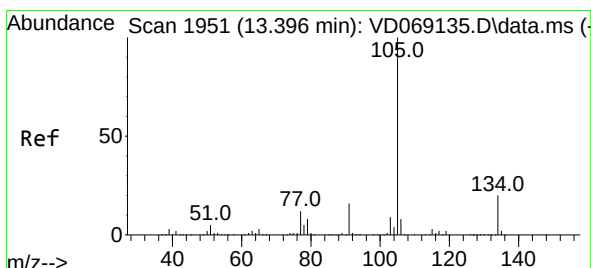
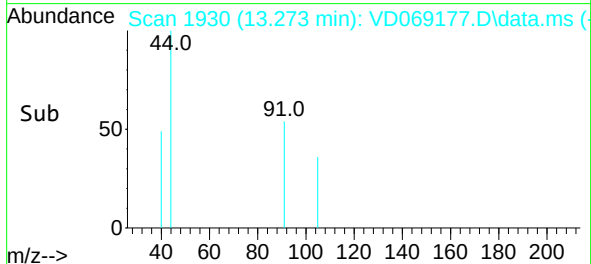
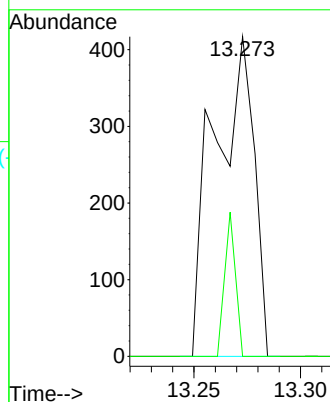
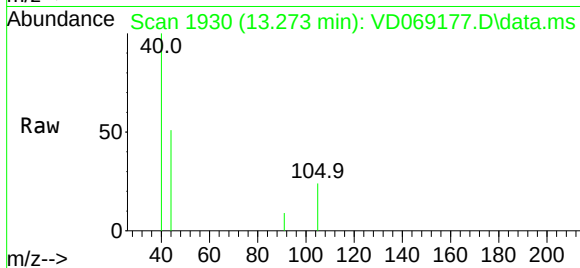
Acq: 14 May 2021 15:26

Tgt Ion:105 Resp: 540

Ion Ratio Lower Upper

105 100

120 12.2 22.8 68.4#



#85

sec-Butylbenzene

Concen: 3.23 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VD069177.D

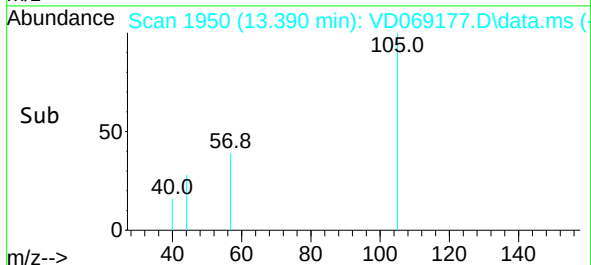
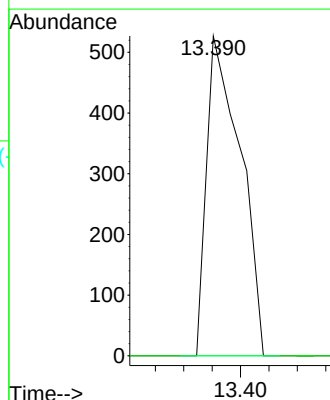
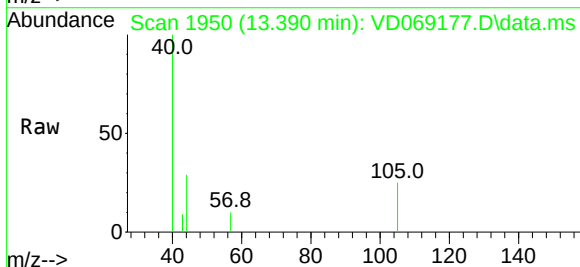
Acq: 14 May 2021 15:26

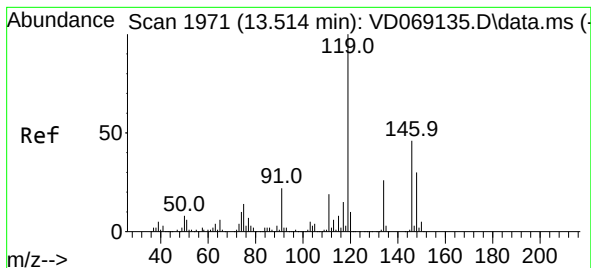
Tgt Ion:105 Resp: 435

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#

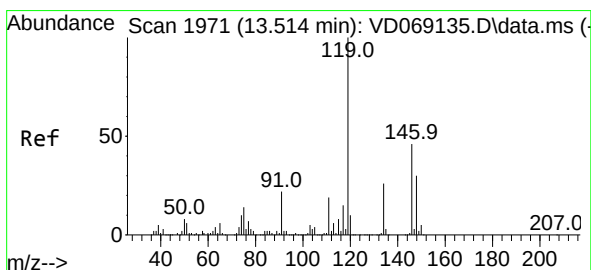
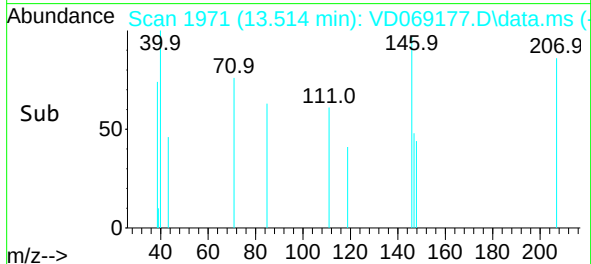
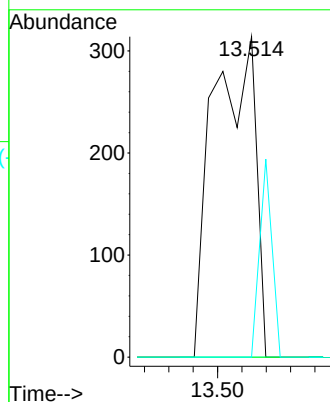
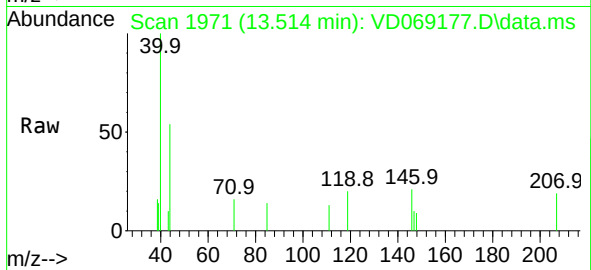




#86
p-Isopropyltoluene
Concen: 3.20 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

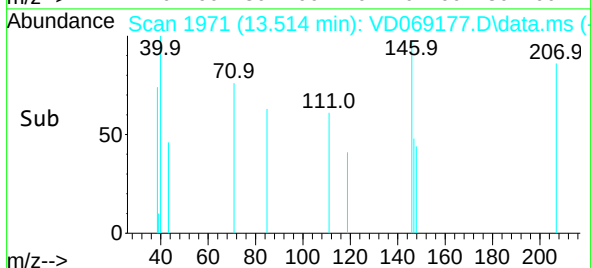
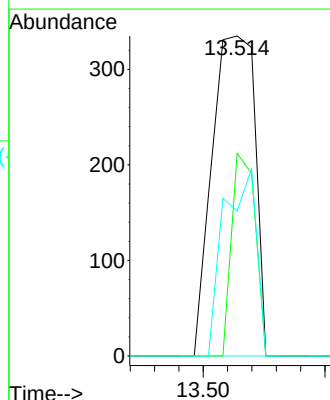
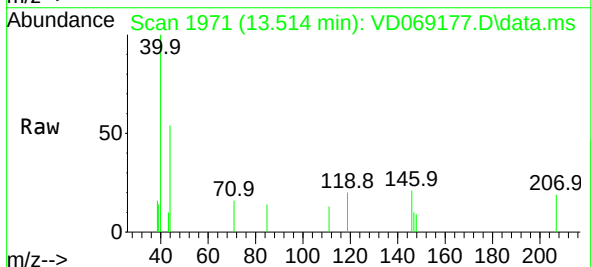
Instrument :
MSVOA_D
ClientSampled :
VIBLK

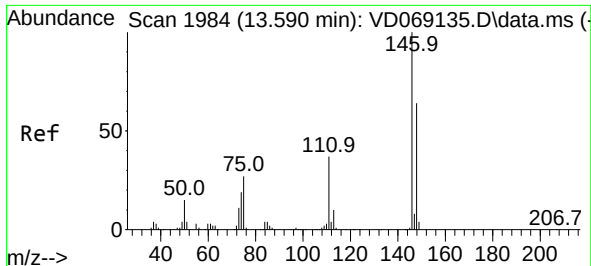
Tgt Ion:119 Resp: 379
Ion Ratio Lower Upper
119 100
134 0.0 13.2 39.5#
91 17.9 11.3 33.9



#87
1,3-Dichlorobenzene
Concen: 6.53 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion:146 Resp: 409
Ion Ratio Lower Upper
146 100
111 34.7 19.9 59.6
148 44.3 31.6 94.8

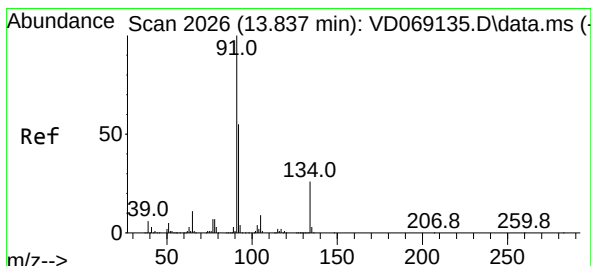
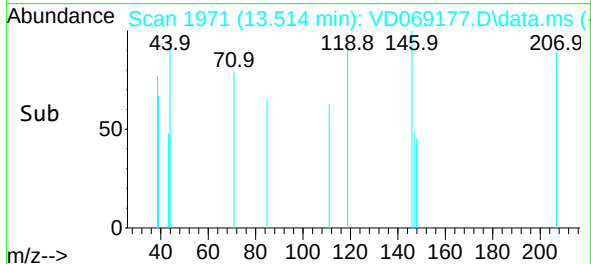
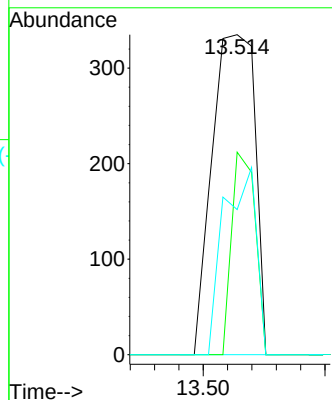
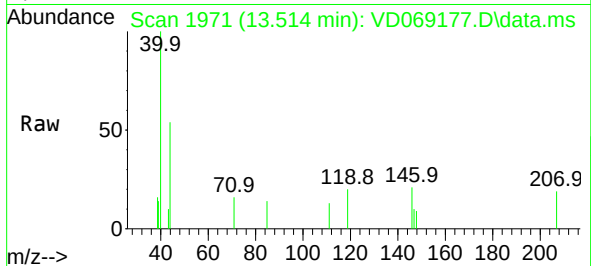




#88
1,4-Dichlorobenzene
Concen: 6.60 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.076 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

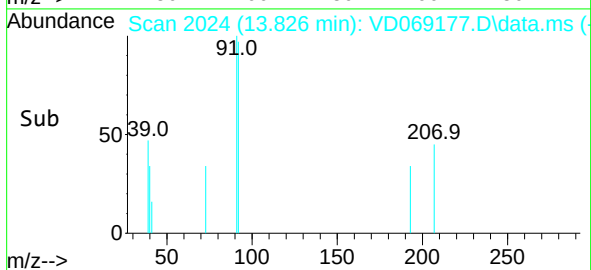
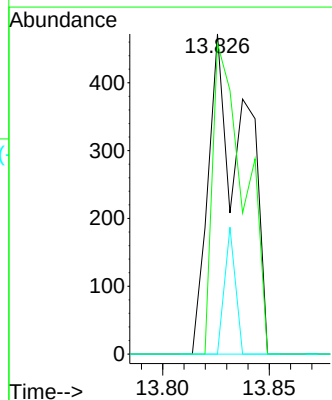
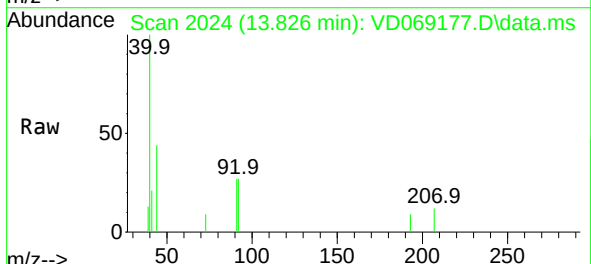
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

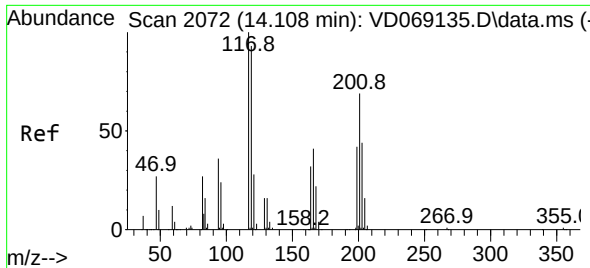
Tgt Ion:146 Resp: 409
Ion Ratio Lower Upper
146 100
111 34.7 19.4 58.2
148 44.3 32.4 97.0



#89
n-Butylbenzene
Concen: 5.09 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.012 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion: 91 Resp: 561
Ion Ratio Lower Upper
91 100
92 84.5 26.5 79.5#
134 11.8 13.0 39.0#

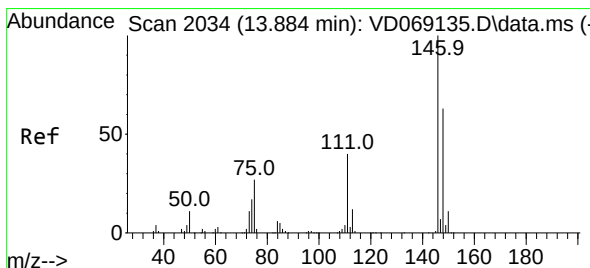
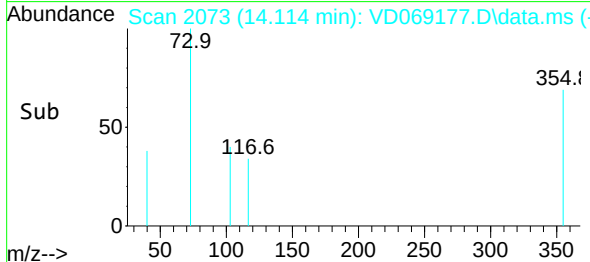
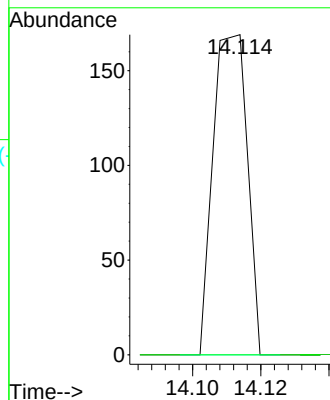
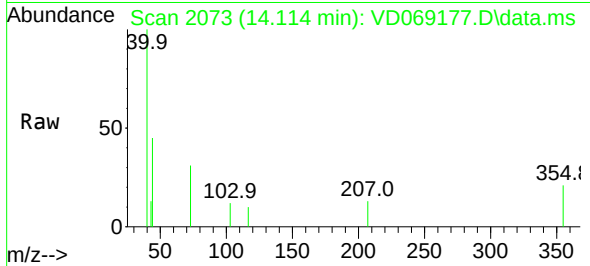




#90
Hexachloroethane
Concen: 5.32 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

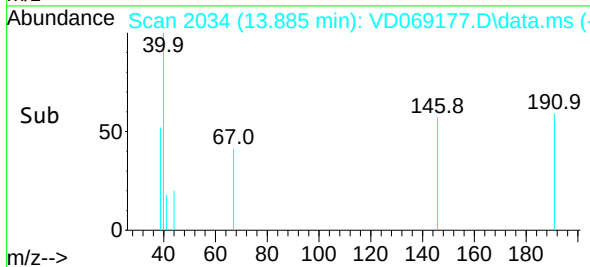
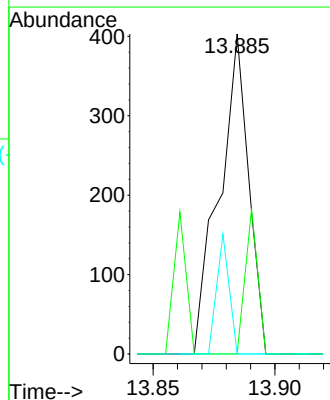
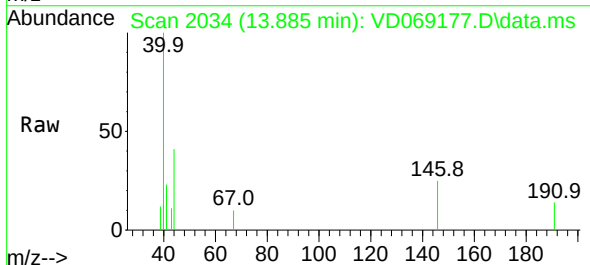
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

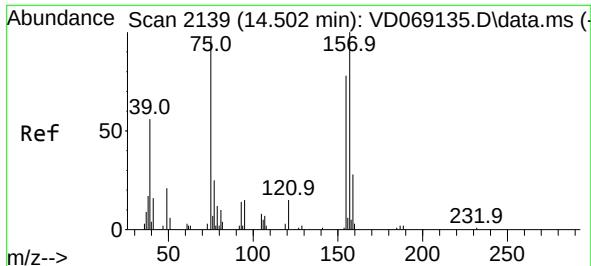
Tgt Ion:117 Resp: 118
Ion Ratio Lower Upper
117 100
201 0.0 35.4 106.1#



#91
1,2-Dichlorobenzene
Concen: 6.27 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Tgt Ion:146 Resp: 337
Ion Ratio Lower Upper
146 100
111 19.3 20.3 61.0#
148 15.7 31.3 93.8#

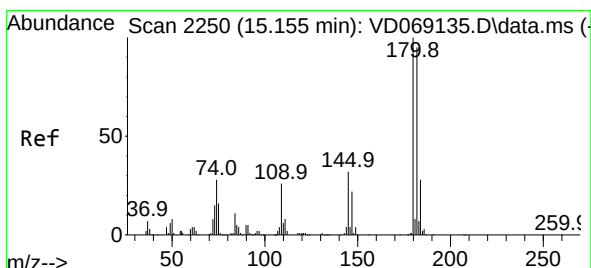
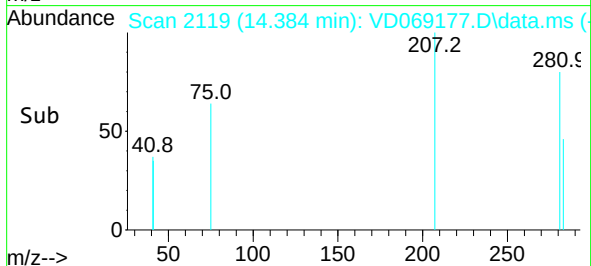
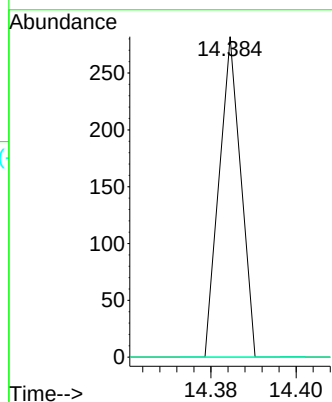
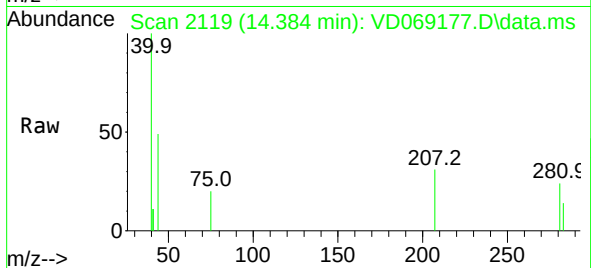




#92
1,2-Dibromo-3-Chloropropane
Concen: 27.28 ug/l
RT: 14.384 min Scan# 2119
Delta R.T. -0.117 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

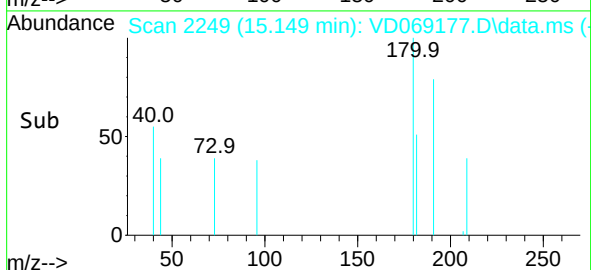
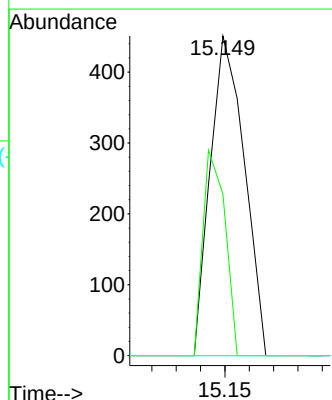
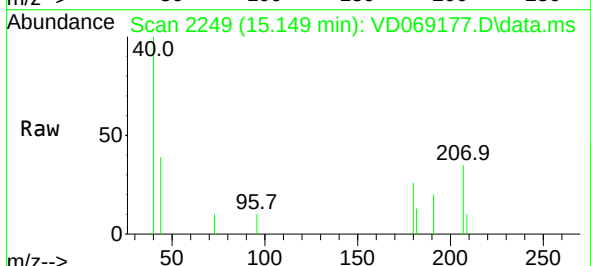
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

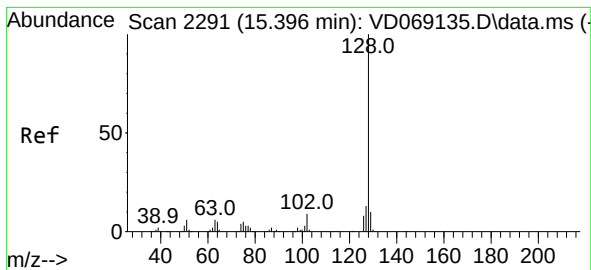
Tgt Ion: 75 Resp: 100
Ion Ratio Lower Upper
75 100
155 0.0 43.9 131.7#
157 0.0 54.9 164.7#



#93
1,2,4-Trichlorobenzene
Concen: 13.29 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.006 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

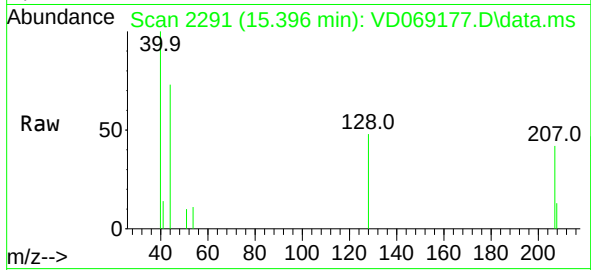
Tgt Ion: 180 Resp: 438
Ion Ratio Lower Upper
180 100
182 41.8 47.8 143.3#
145 0.0 15.6 46.8#





#95
Naphthalene
Concen: 19.00 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069177.D
Acq: 14 May 2021 15:26

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:128 Resp: 1079
Ion Ratio Lower Upper
128 100
127 5.4 10.5 15.7#
129 5.5 8.9 13.3#

