

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069180.D
 Acq On : 14 May 2021 16:51
 Operator : VA/SY
 Sample : M2411-11
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-798-800

Quant Time: May 15 02:35:54 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)

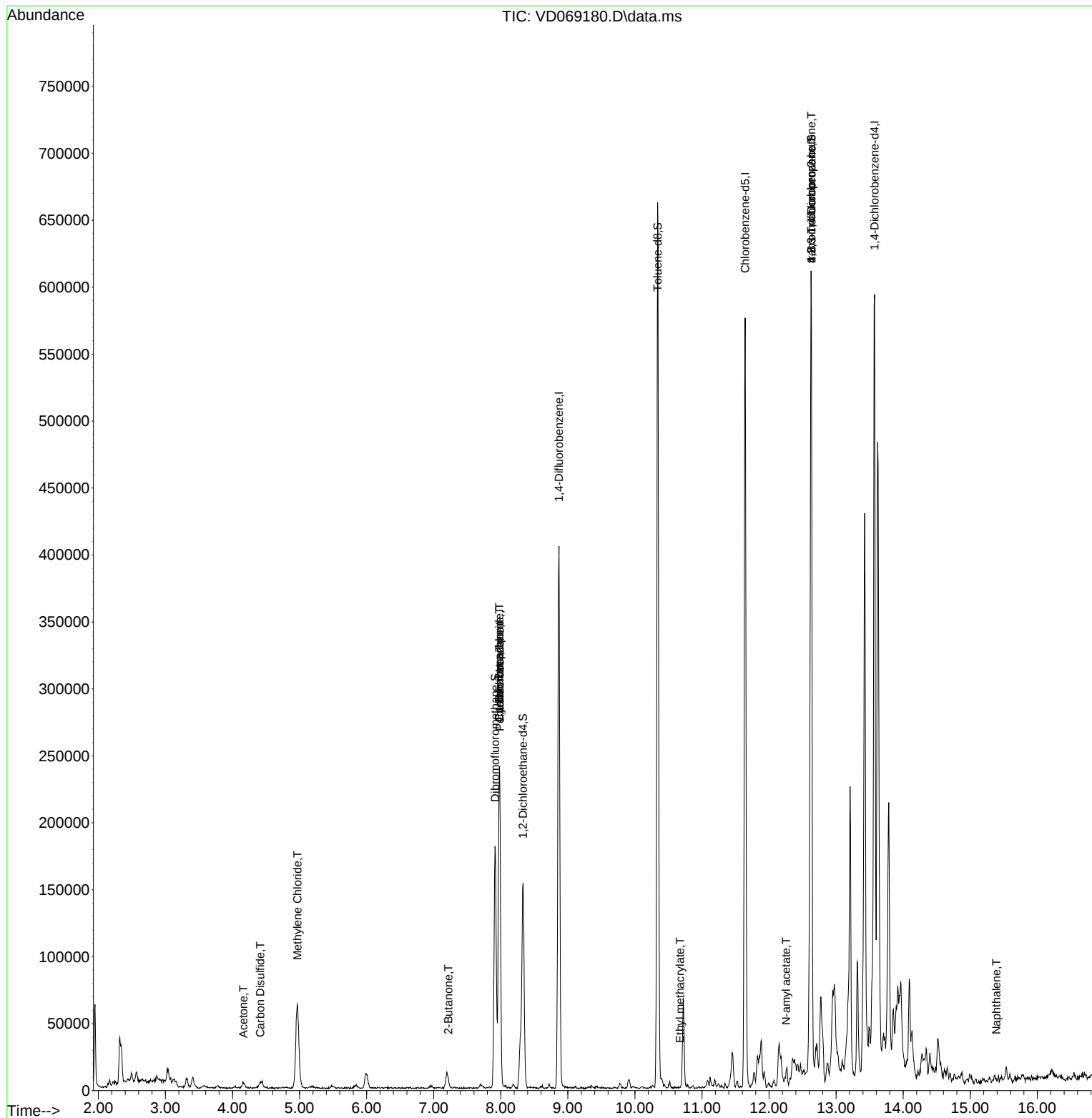
Internal Standards						
1) Pentafluorobenzene	7.985	168	180857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	358507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	343593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	152273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119527	65.92	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.84%			
35) Dibromofluoromethane	7.914	113	128198	54.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.90%			
50) Toluene-d8	10.337	98	451379	52.65	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.30%			
62) 4-Bromofluorobenzene	12.631	95	150073	54.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.82%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.238	59	352	Below Cal	#	73
16) Acetone	4.161	43	7306	26.31	ug/l	90
17) Carbon Disulfide	4.414	76	6685	1.11	ug/l #	73
20) Methylene Chloride	4.967	84	53265	17.71	ug/l	92
25) 2-Butanone	7.220	43	2364	6.28	ug/l #	75
31) Cyclohexane	7.979	56	4162	1.55	ug/l #	40
36) 1,1-Dichloropropene	7.979	75	14788	4.24	ug/l #	44
38) Carbon Tetrachloride	7.979	117	17990	4.62	ug/l #	18
56) Ethyl methacrylate	10.673	69	63	1.35	ug/l #	6
74) N-amyl acetate	12.255	43	2275	1.31	ug/l #	71
76) 1,2,3-Trichloropropane	12.631	75	76957	67.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	76957	135.80	ug/l #	17
95) Naphthalene	15.390	128	931	2.22	ug/l #	69

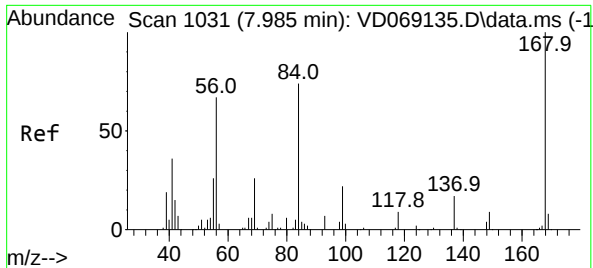
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

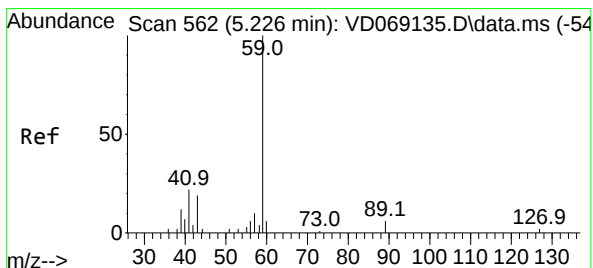
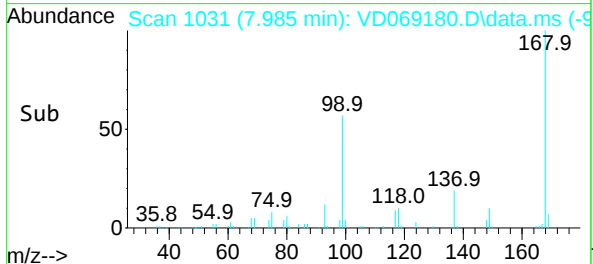
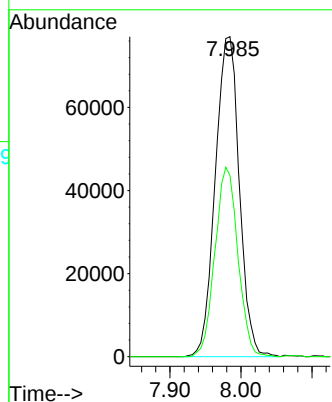
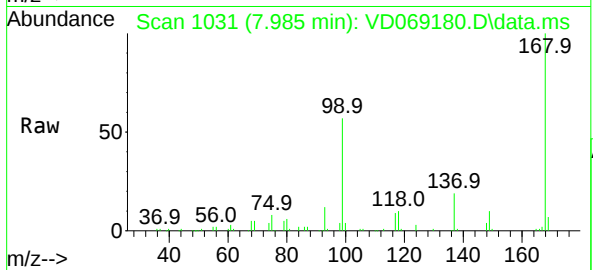




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

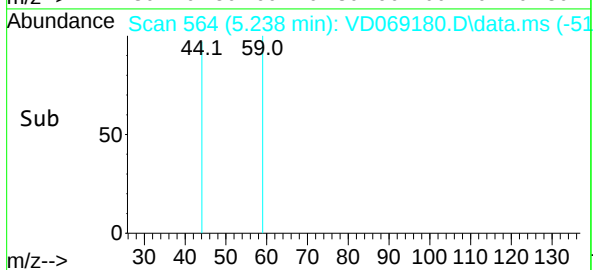
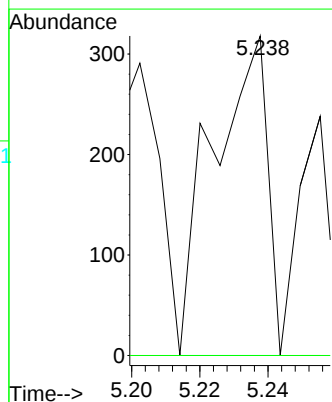
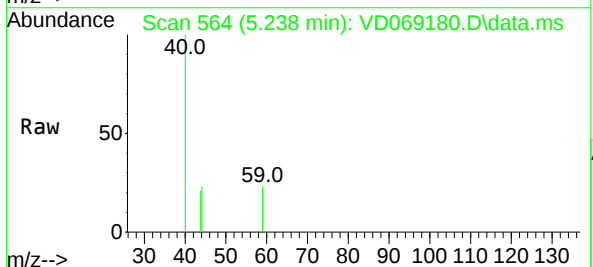
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

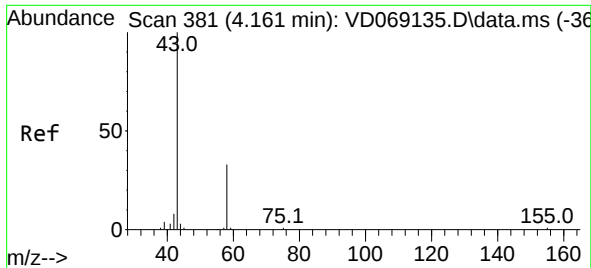
Tgt Ion:168 Resp: 180857
Ion Ratio Lower Upper
168 100
99 56.7 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

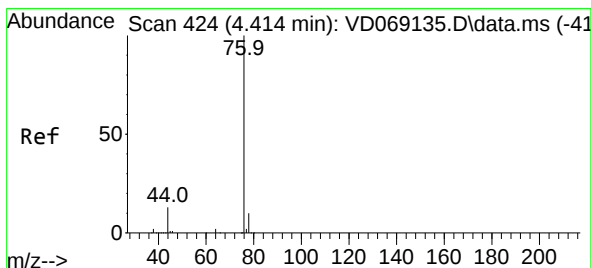
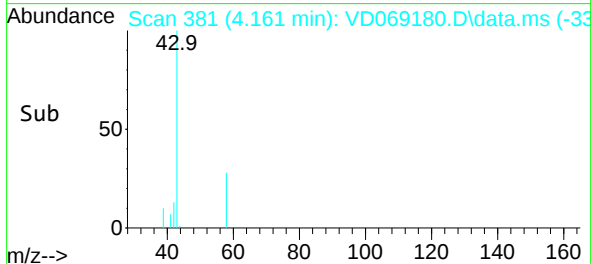
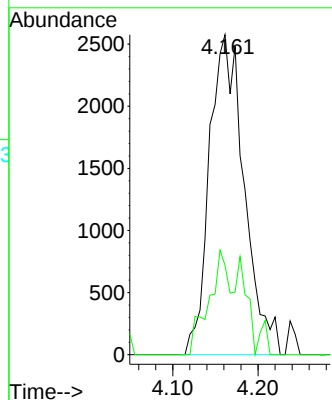
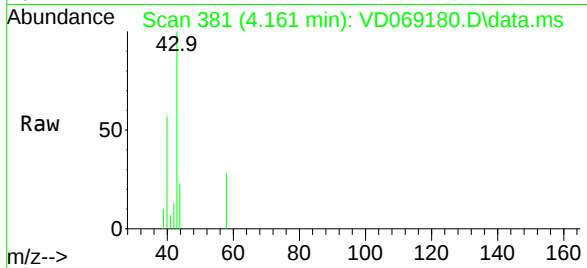




#16
Acetone
Concen: 26.31 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

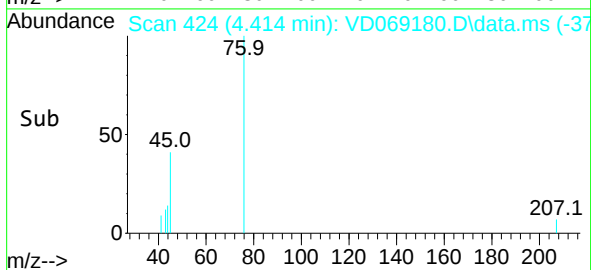
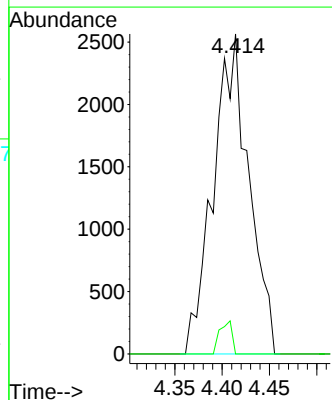
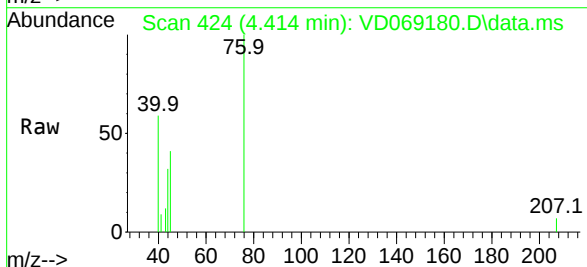
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

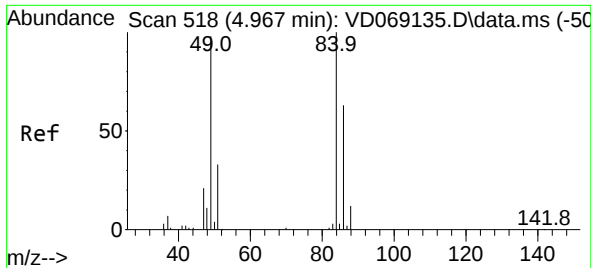
Tgt Ion: 43 Resp: 7306
Ion Ratio Lower Upper
43 100
58 28.0 26.7 40.1



#17
Carbon Disulfide
Concen: 1.11 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

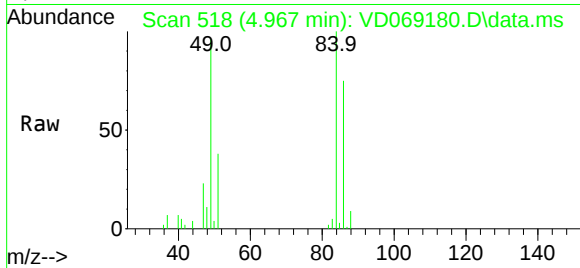
Tgt Ion: 76 Resp: 6685
Ion Ratio Lower Upper
76 100
78 0.0 8.1 12.1#



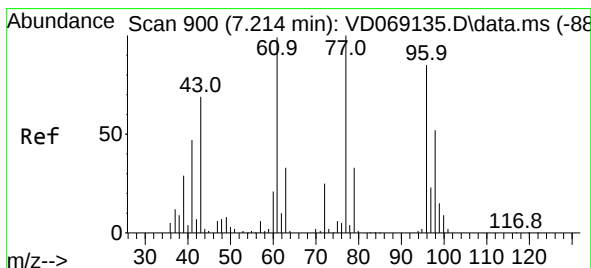
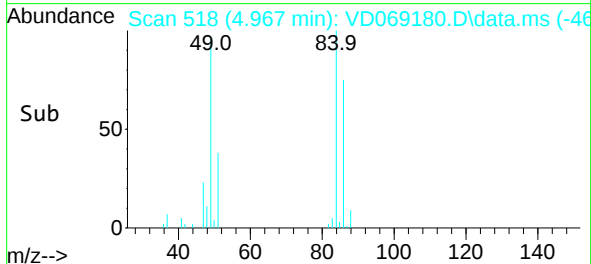
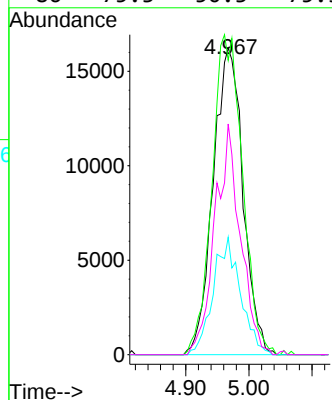


#20
Methylene Chloride
Concen: 17.71 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

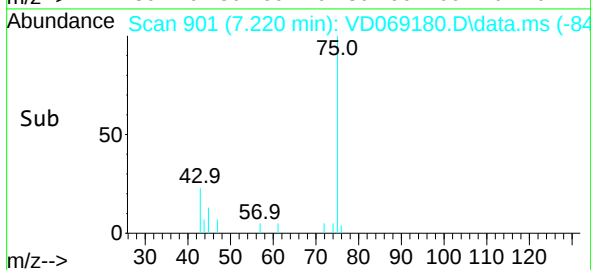
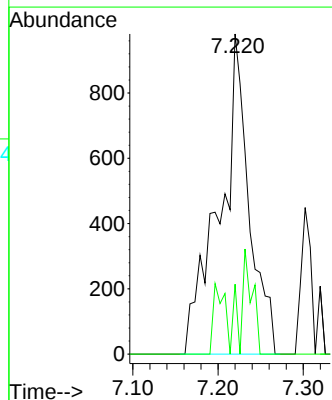
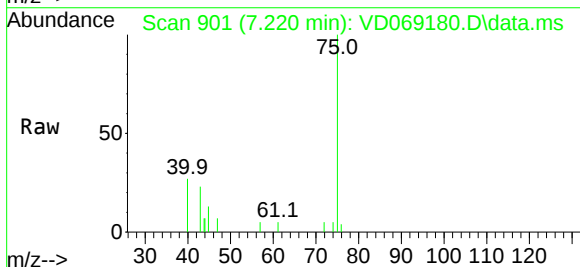


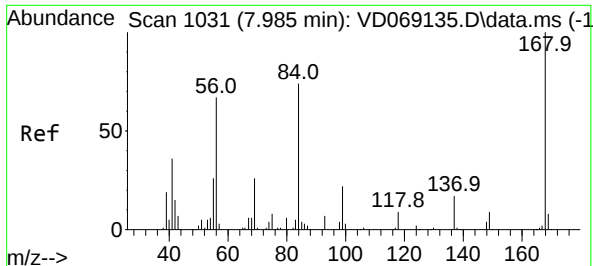
Tgt Ion:	84	Resp:	53265
Ion	Ratio	Lower	Upper
84	100		
49	96.0	78.6	117.8
51	38.3	26.7	40.1
86	75.3	50.3	75.5



#25
2-Butanone
Concen: 6.28 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion:	43	Resp:	2364
Ion	Ratio	Lower	Upper
43	100		
72	21.8	29.1	43.7#

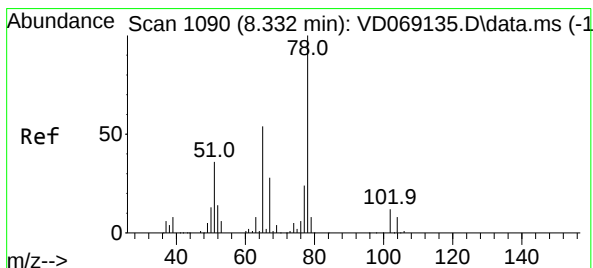
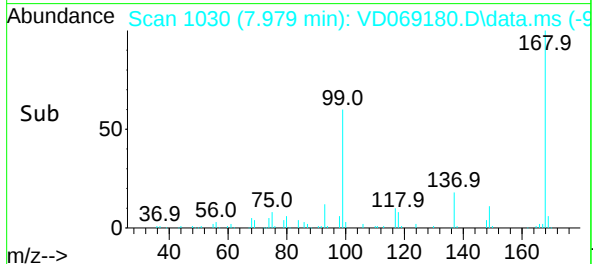
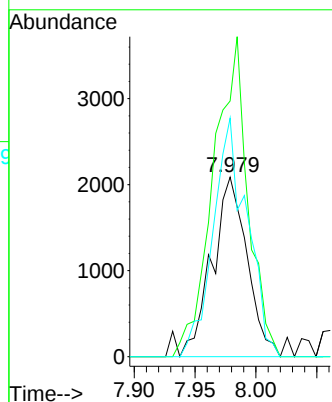
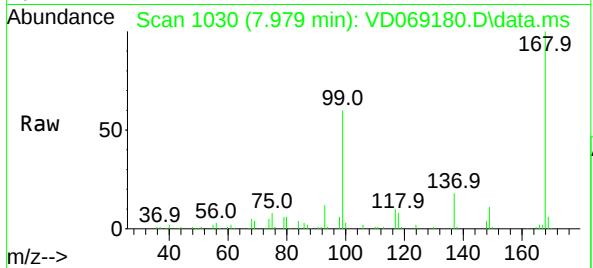




#31
Cyclohexane
Concen: 1.55 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

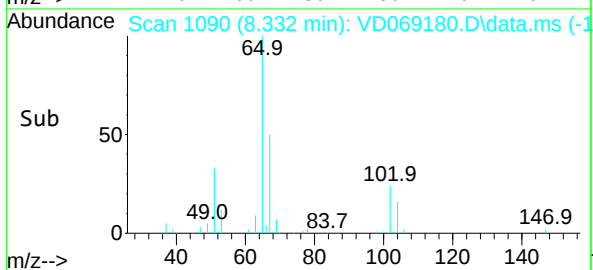
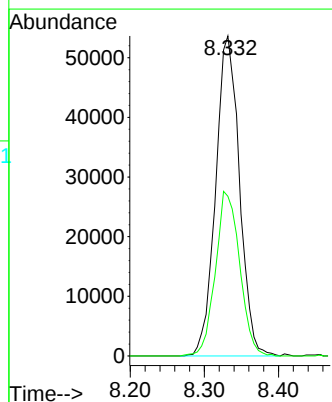
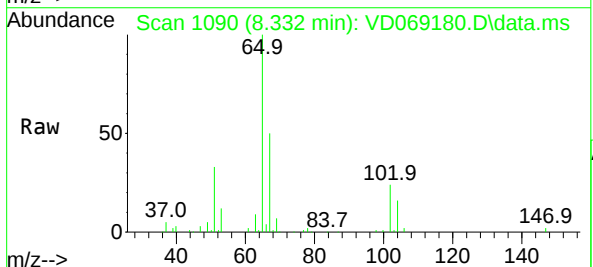
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

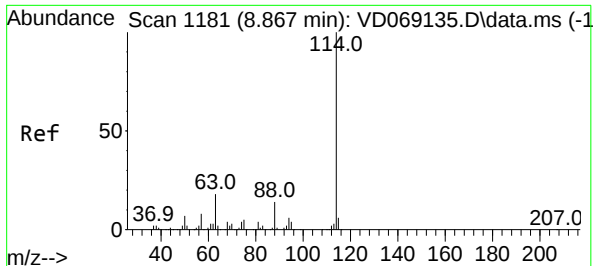
Tgt Ion: 56 Resp: 4162
Ion Ratio Lower Upper
56 100
69 142.4 30.6 46.0#
84 132.9 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 65.92 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

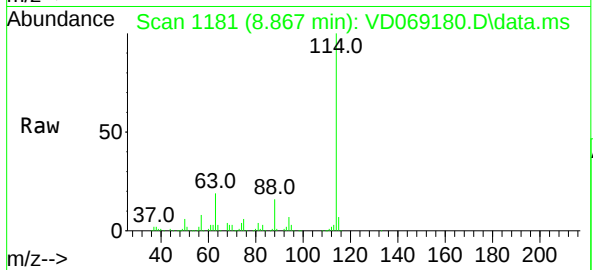
Tgt Ion: 65 Resp: 119527
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.0



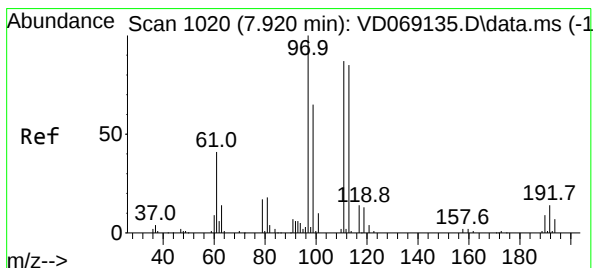
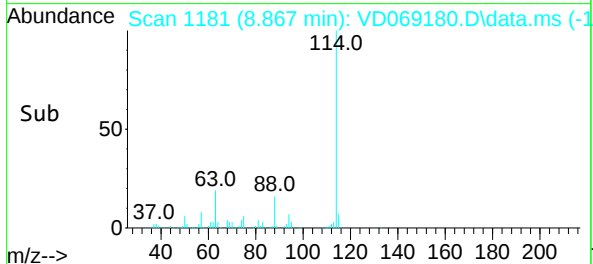
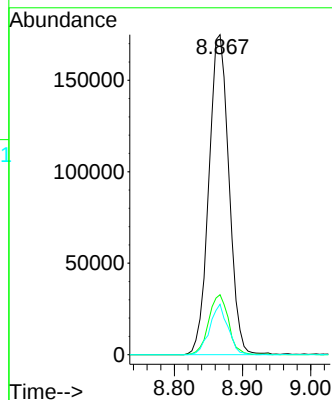


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

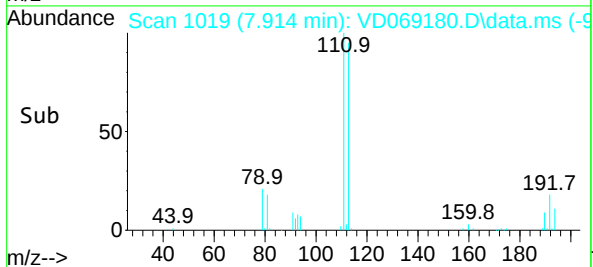
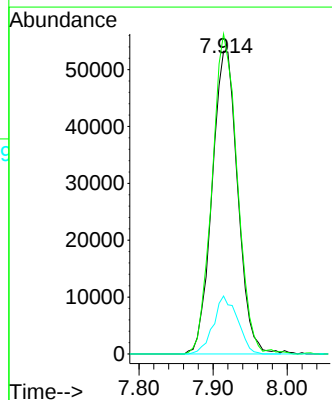
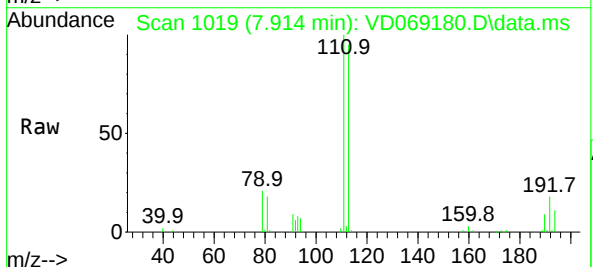


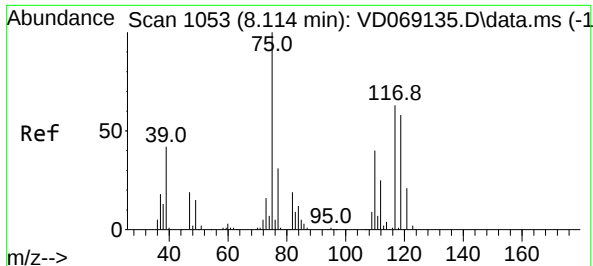
Tgt Ion:114 Resp: 358507
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.4
88 15.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 54.95 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion:113 Resp: 128198
Ion Ratio Lower Upper
113 100
111 104.3 80.6 120.8
192 18.0 14.8 22.2

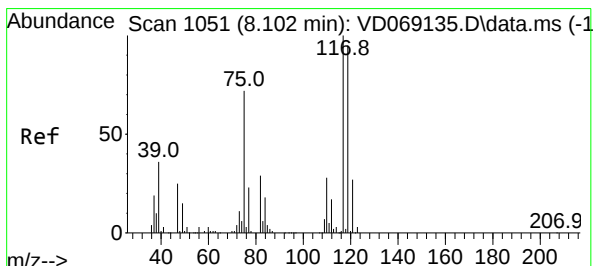
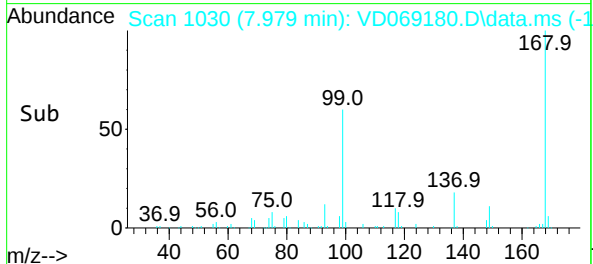
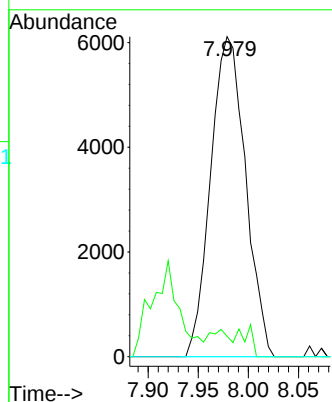
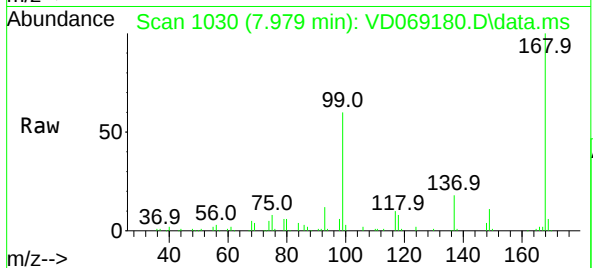




#36
1,1-Dichloropropene
Concen: 4.24 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

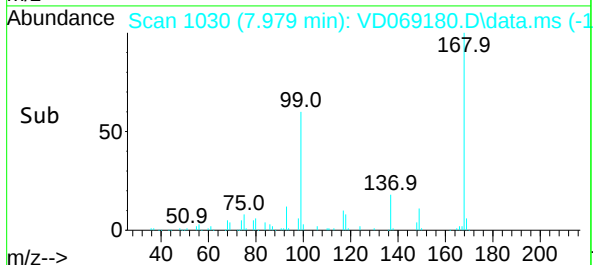
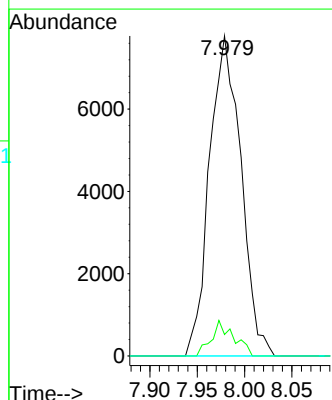
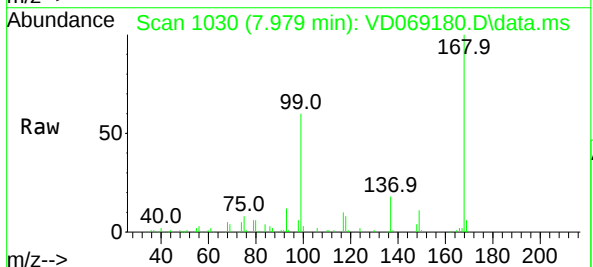
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

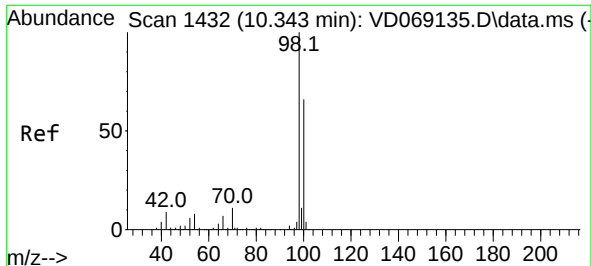
Tgt Ion: 75 Resp: 14788
Ion Ratio Lower Upper
75 100
110 4.9 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.62 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion: 117 Resp: 17990
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.2#
121 0.0 21.9 32.9#

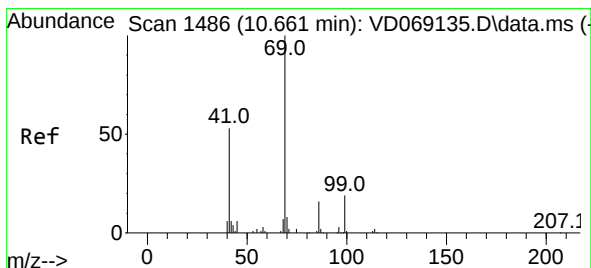
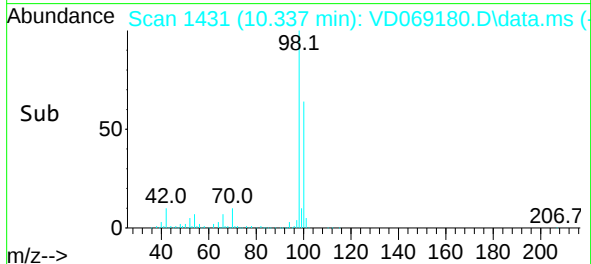
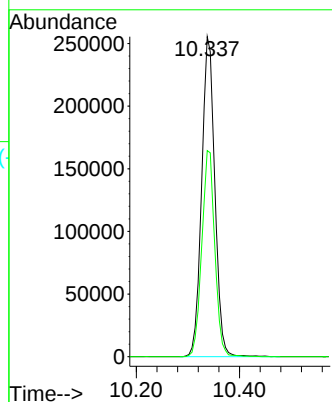
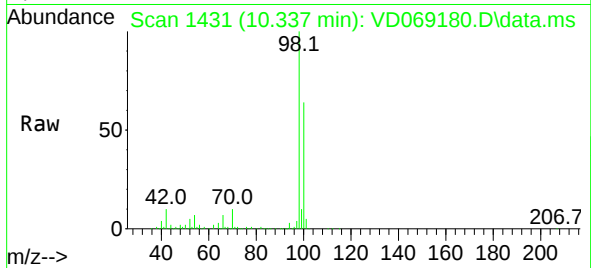




#50
Toluene-d8
Concen: 52.65 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

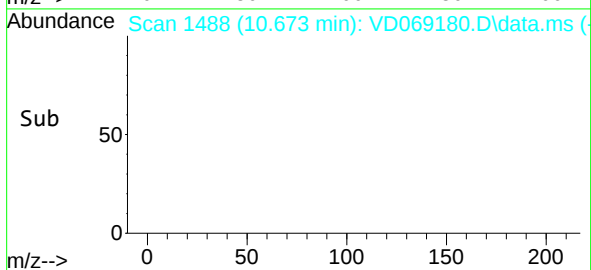
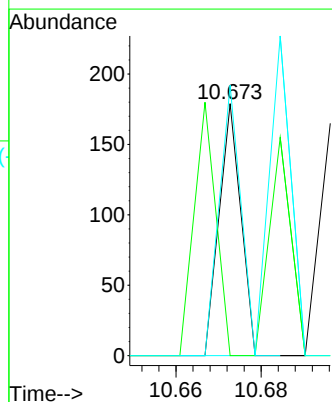
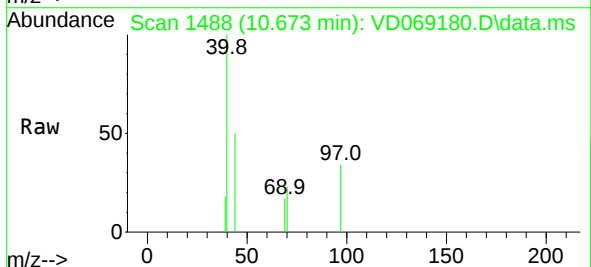
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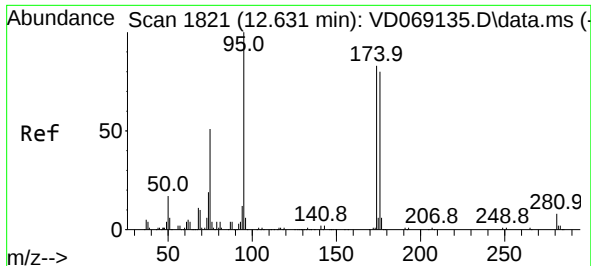
Tgt Ion: 98 Resp: 451379
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.35 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.012 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion: 69 Resp: 63
Ion Ratio Lower Upper
69 100
41 101.6 42.2 63.2#
39 107.9 26.3 39.5#

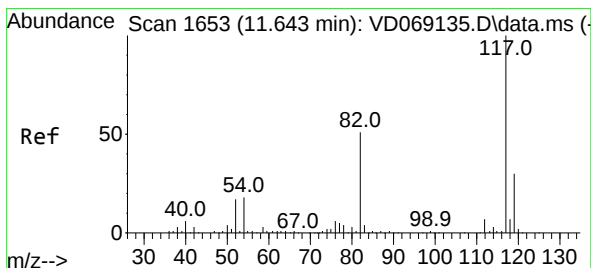
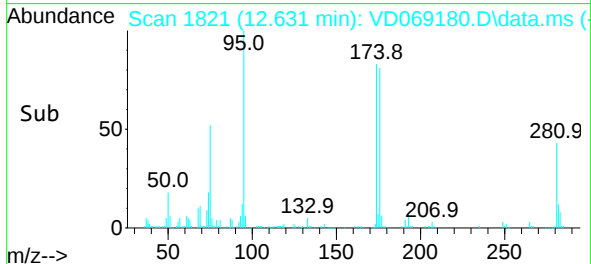
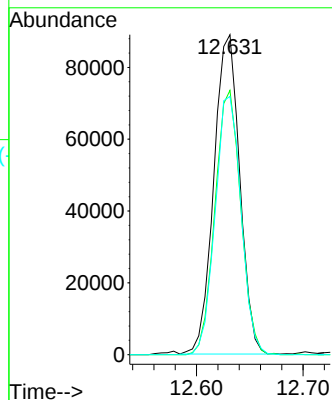
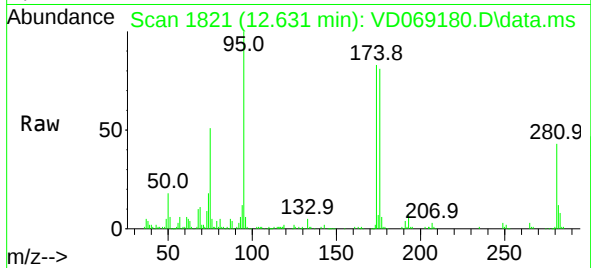




#62
4-Bromofluorobenzene
Concen: 54.41 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

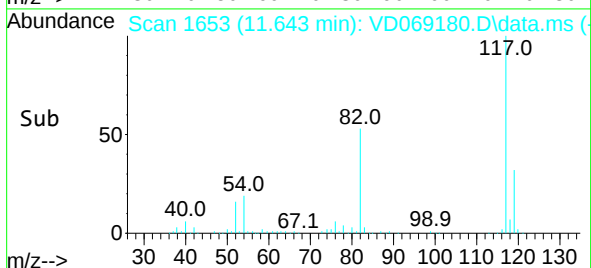
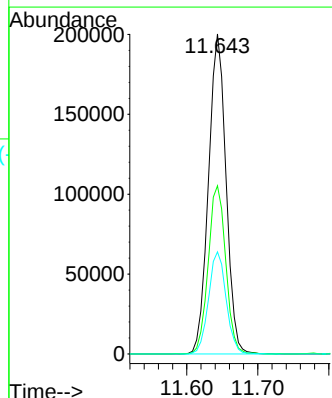
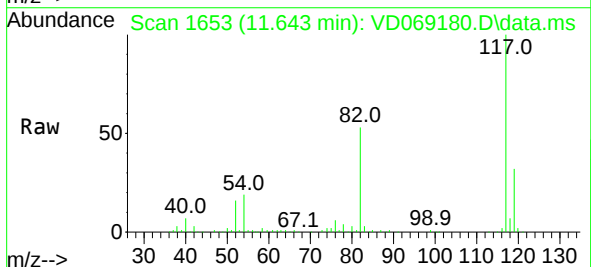
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

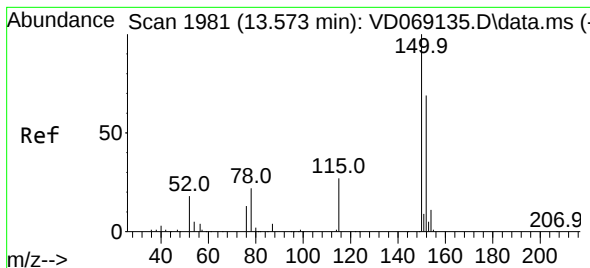
Tgt Ion: 95 Resp: 150073
Ion Ratio Lower Upper
95 100
174 82.4 0.0 171.8
176 80.9 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion: 117 Resp: 343593
Ion Ratio Lower Upper
117 100
82 52.6 40.5 60.7
119 31.9 24.2 36.4

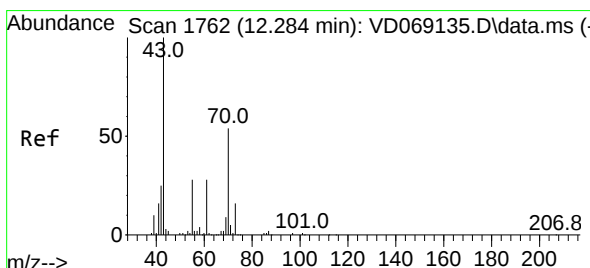
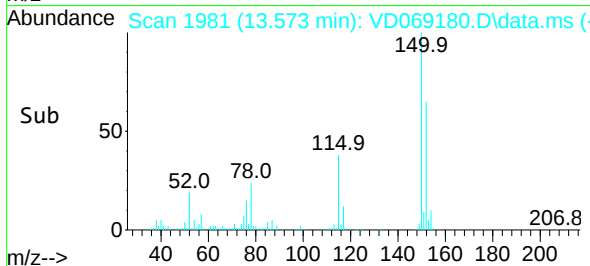
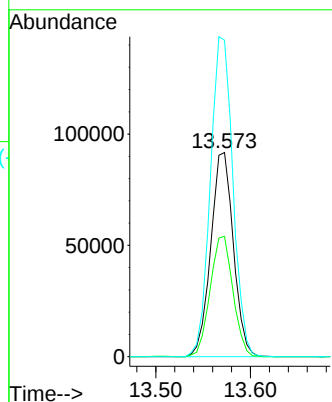
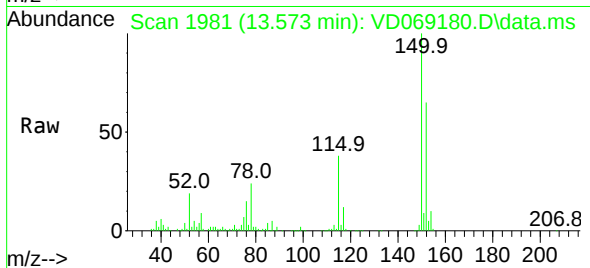




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

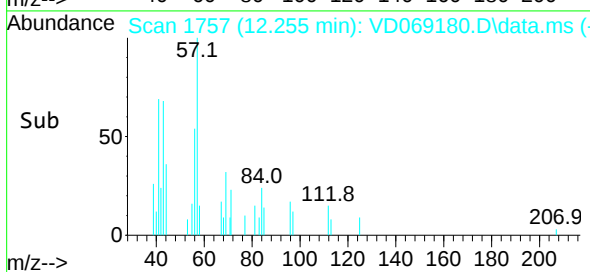
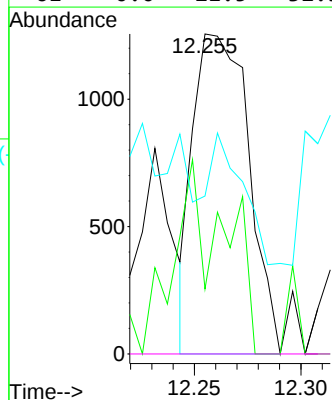
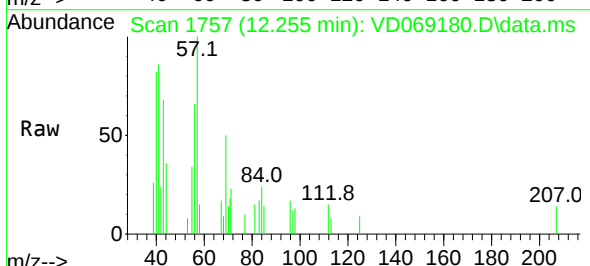
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

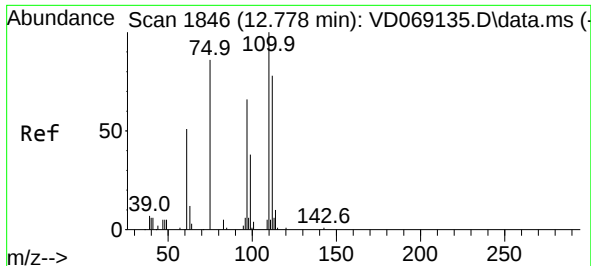
Tgt Ion:152 Resp: 152273
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.8
150 155.9 0.0 350.2



#74
N-ethyl acetate
Concen: 1.31 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.029 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
70 33.6 41.6 62.4#
55 22.2 22.6 34.0#
61 0.0 21.5 32.3#

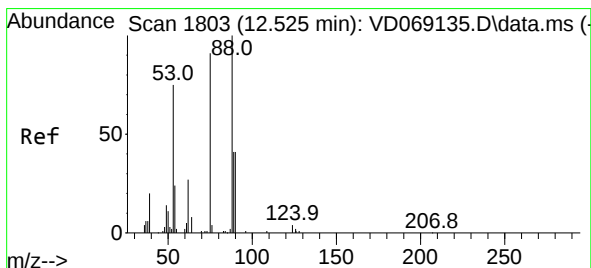
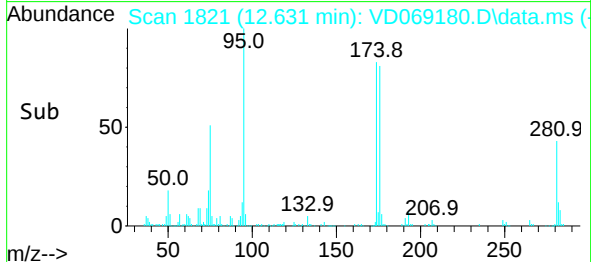
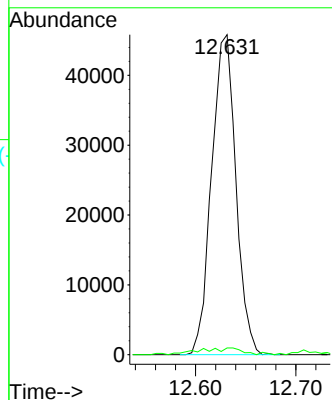
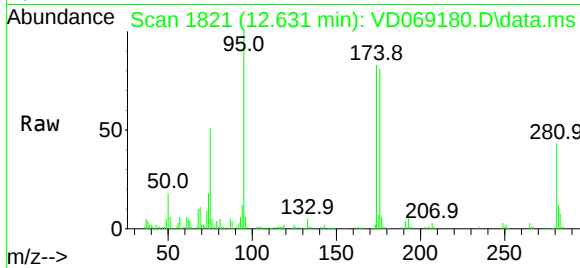




#76
1,2,3-Trichloropropane
Concen: 67.23 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

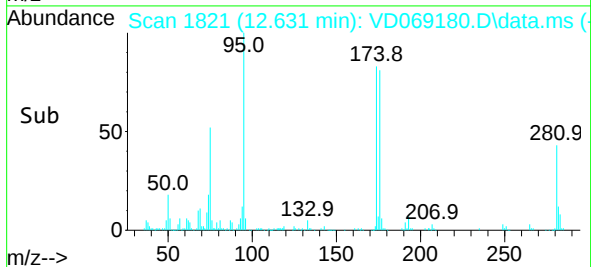
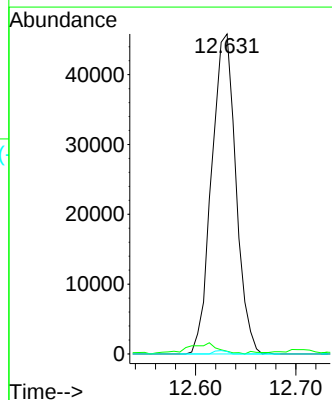
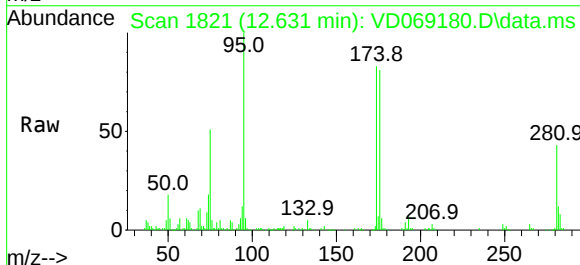
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800

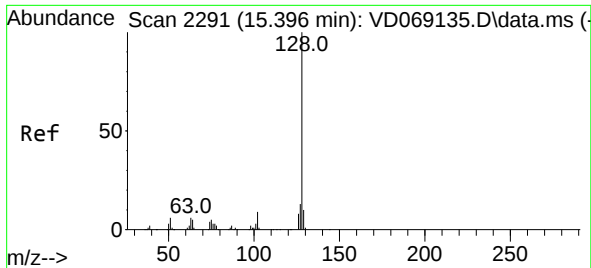
Tgt Ion: 75 Resp: 76957
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.80 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

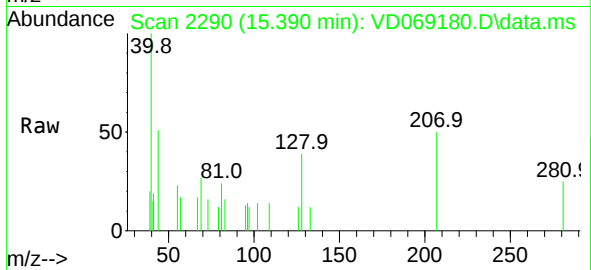
Tgt Ion: 75 Resp: 76957
Ion Ratio Lower Upper
75 100
53 4.4 70.0 105.0#
89 0.6 40.2 60.2#





#95
Naphthalene
Concen: 2.22 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069180.D
Acq: 14 May 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-798-800



Tgt Ion:128 Resp: 931
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

