

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069048.D
 Acq On : 03 May 2021 18:14
 Operator : VA/SY
 Sample : M2234-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1A

Quant Time: May 04 04:15:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

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

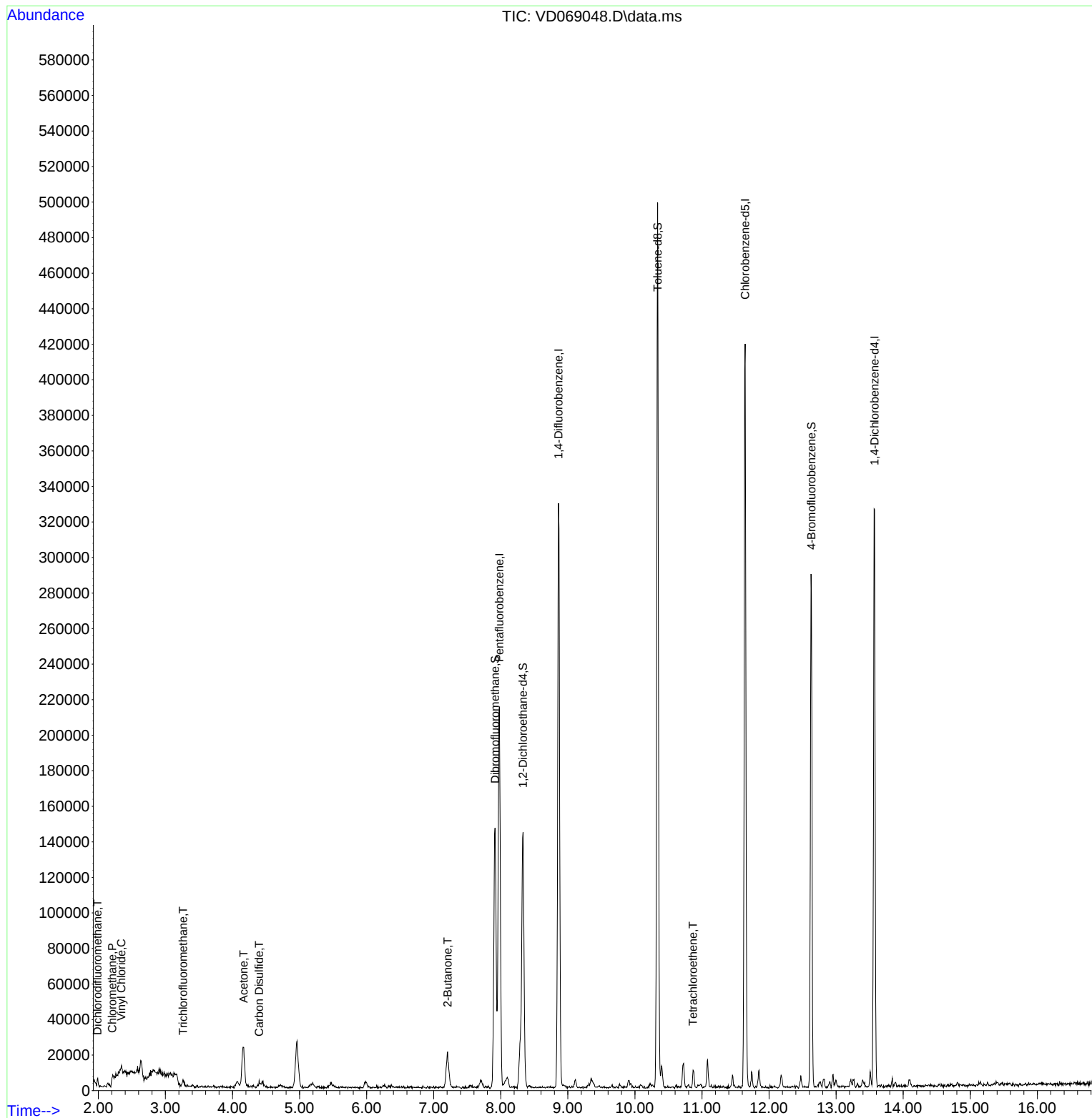
Internal Standards						
1) Pentafluorobenzene	7.979	168	145262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	271442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	239300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	82884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	112833	61.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.02%			
35) Dibromofluoromethane	7.914	113	103066	57.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.84%			
50) Toluene-d8	10.338	98	316497	47.60	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.20%			
62) 4-Bromofluorobenzene	12.632	95	87837	39.14	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	2118	1.22	ug/l #	71
3) Chloromethane	2.209	50	2559	1.18	ug/l	100
4) Vinyl Chloride	2.344	62	2731	1.01	ug/l	94
7) Trichlorofluoromethane	3.262	101	3309	1.08	ug/l	88
16) Acetone	4.167	43	39337	135.32	ug/l	97
17) Carbon Disulfide	4.397	76	5198	1.03	ug/l	99
25) 2-Butanone	7.208	43	10752	26.25	ug/l #	87
64) Tetrachloroethene	10.867	164	2154	1.46	ug/l #	58

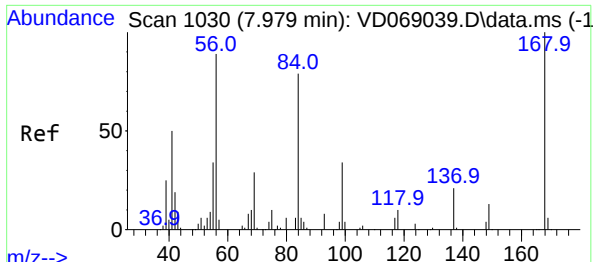
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampleId :
S-1A

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
Quant Title : SW846 8260
QLast Update : Tue May 04 03:51:01 2021
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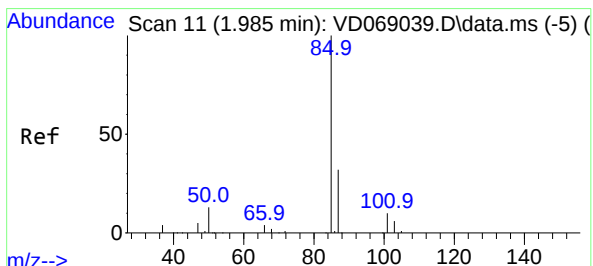
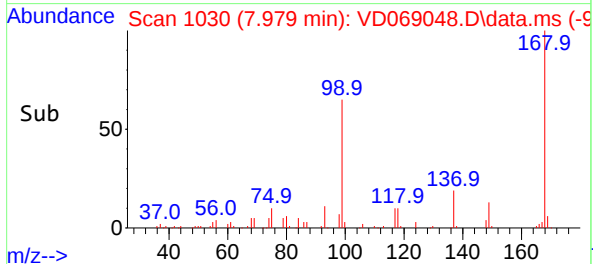
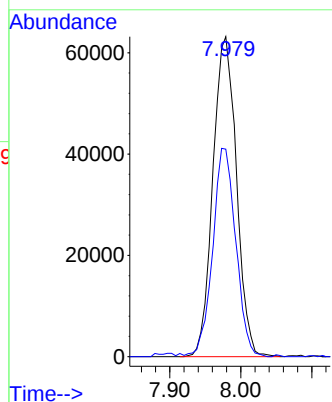
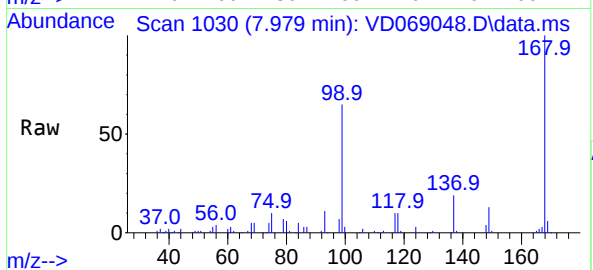




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

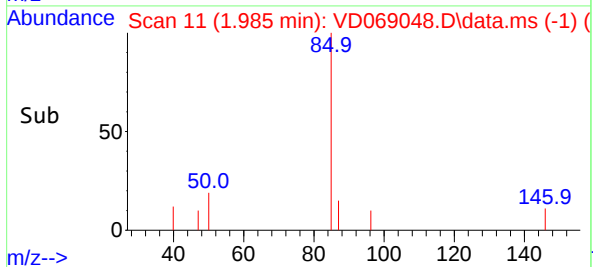
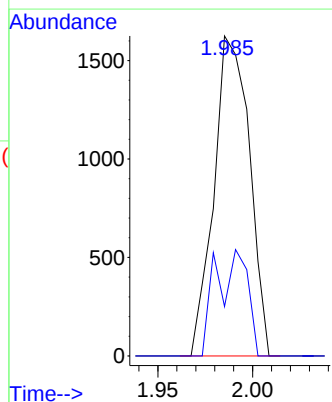
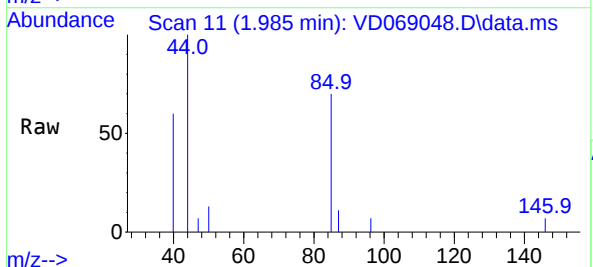
Instrument :
MSVOA_D
ClientSampled :
S-1A

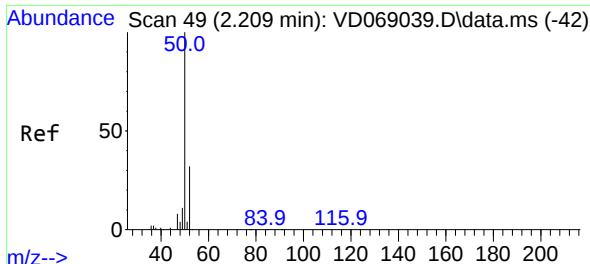
Tgt Ion:168 Resp: 145262
Ion Ratio Lower Upper
168 100
99 64.5 46.2 69.2



#2
Dichlorodifluoromethane
Concen: 1.22 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

Tgt Ion: 85 Resp: 2118
Ion Ratio Lower Upper
85 100
87 15.4 15.7 47.0#

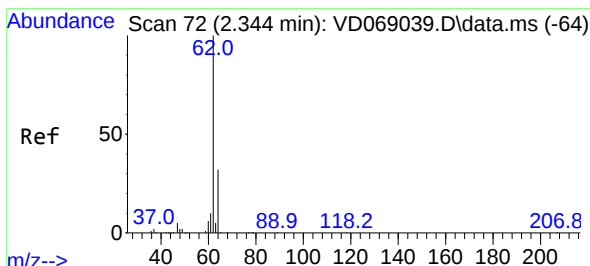
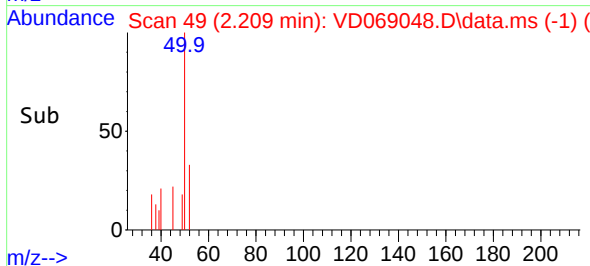
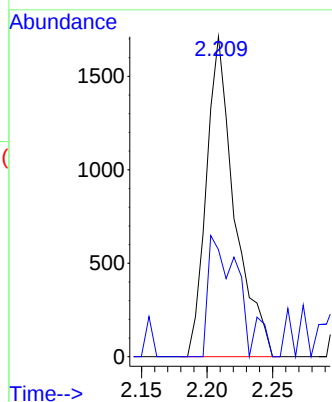
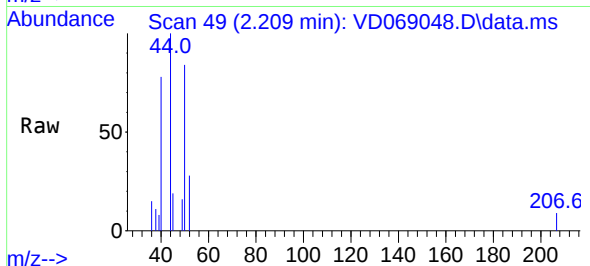




#3
Chloromethane
Concen: 1.18 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

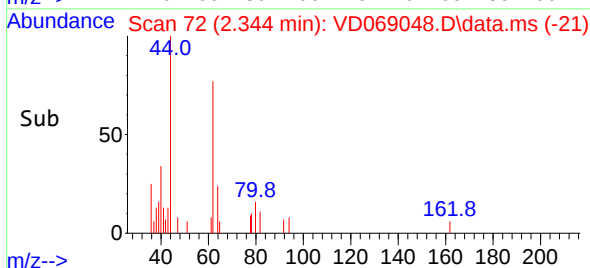
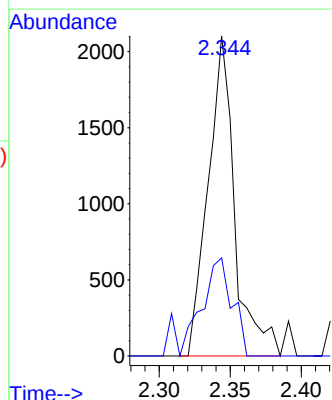
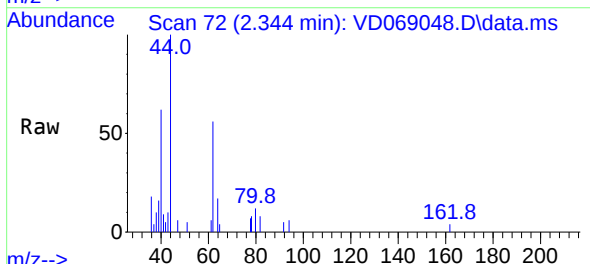
Instrument :
MSVOA_D
ClientSampled :
S-1A

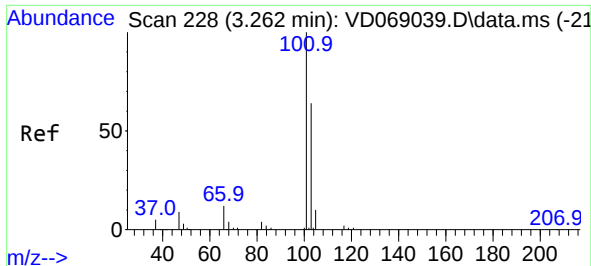
Tgt Ion: 50 Resp: 2559
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1



#4
Vinyl Chloride
Concen: 1.01 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

Tgt Ion: 62 Resp: 2731
Ion Ratio Lower Upper
62 100
64 30.7 27.1 40.7

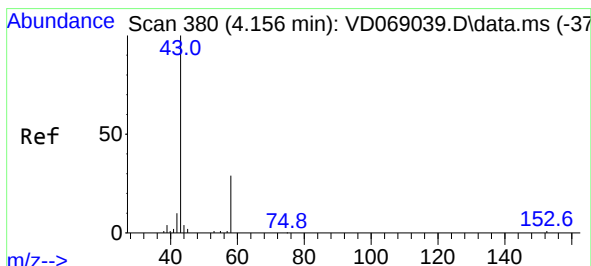
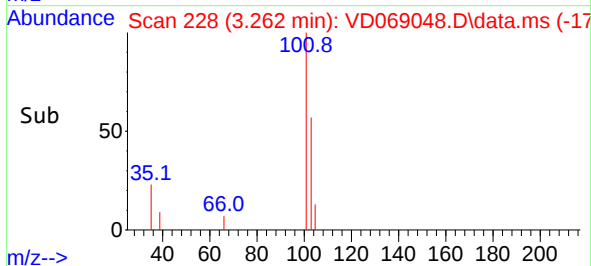
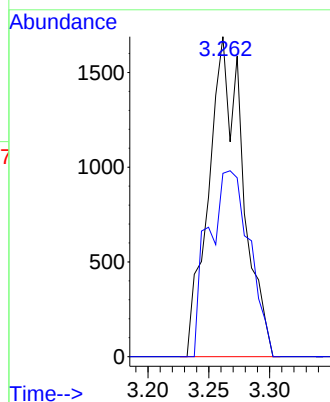
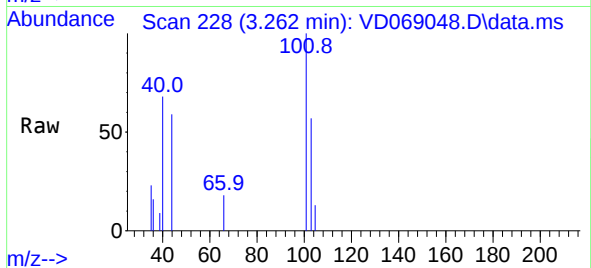




#7
Trichlorofluoromethane
Concen: 1.08 ug/l
RT: 3.262 min Scan# 228
Delta R.T. -0.000 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

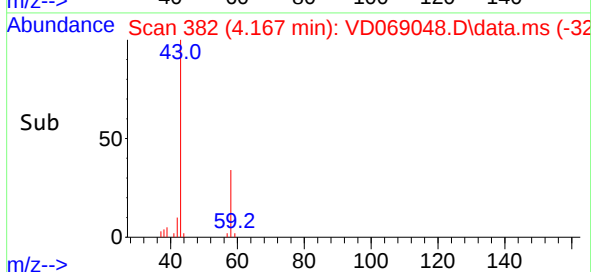
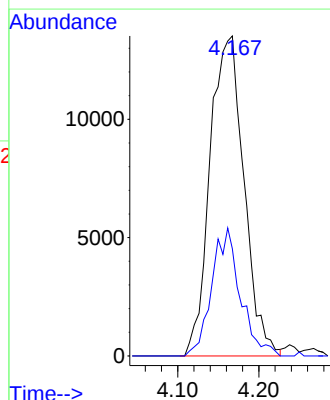
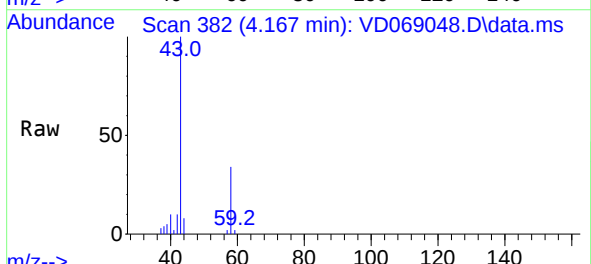
Instrument :
MSVOA_D
ClientSampleId :
S-1A

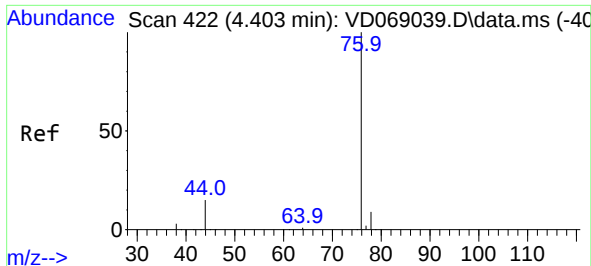
Tgt Ion:101 Resp: 3309
Ion Ratio Lower Upper
101 100
103 57.3 53.4 80.2



#16
Acetone
Concen: 135.32 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

Tgt Ion: 43 Resp: 39337
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0

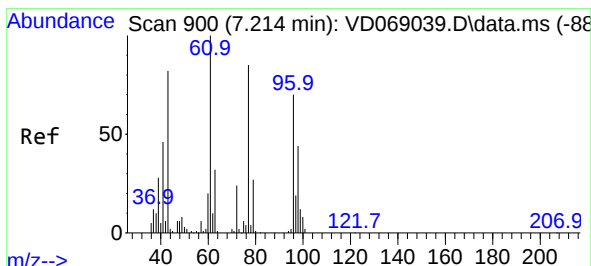
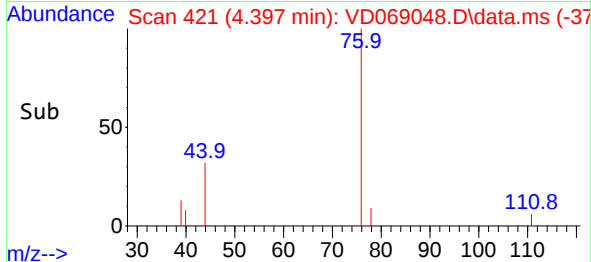
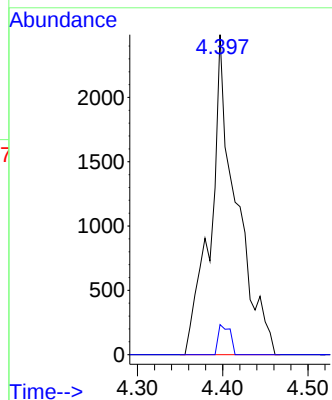
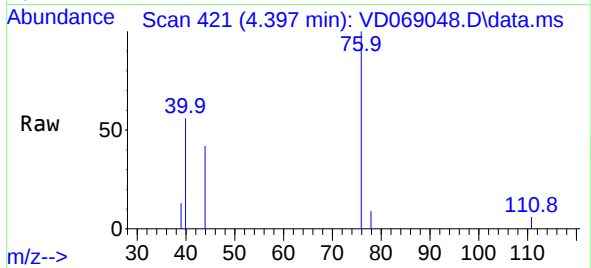




#17
Carbon Disulfide
Concen: 1.03 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.006 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

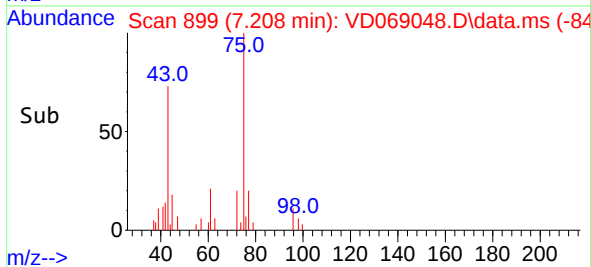
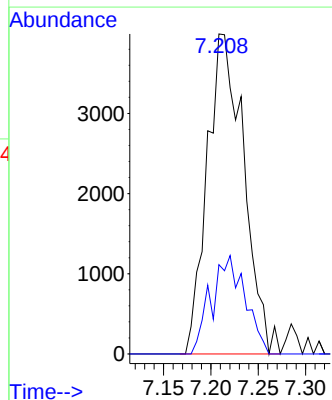
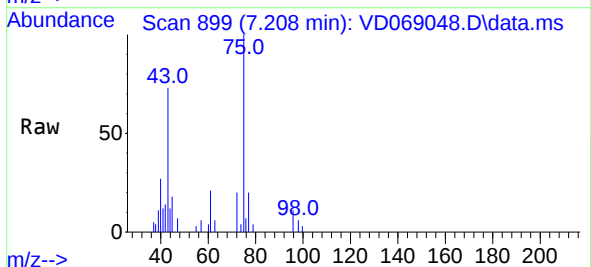
Instrument :
MSVOA_D
ClientSampled :
S-1A

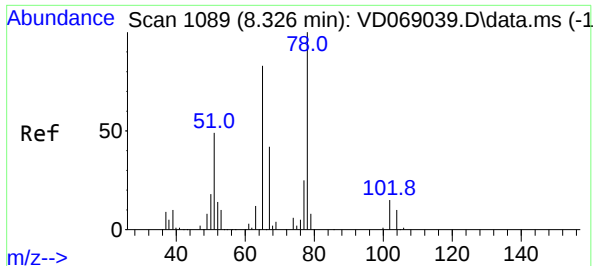
Tgt Ion: 76 Resp: 5198
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#25
2-Butanone
Concen: 26.25 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

Tgt Ion: 43 Resp: 10752
Ion Ratio Lower Upper
43 100
72 27.9 28.6 43.0#

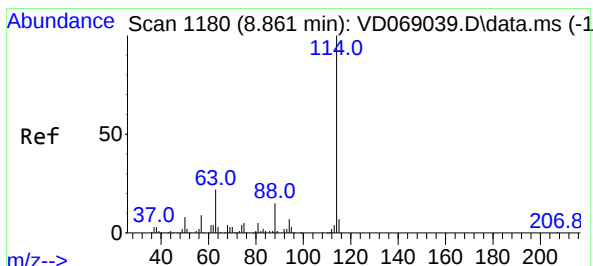
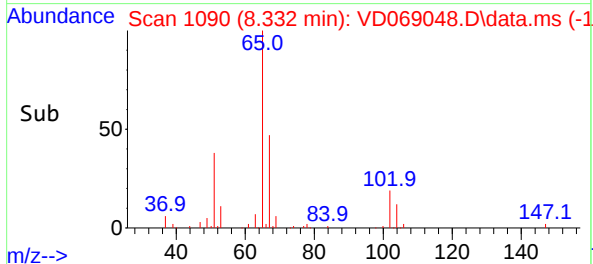
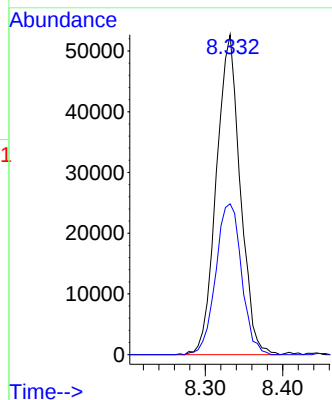
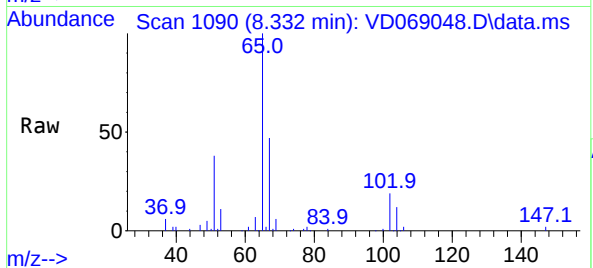




#33
1,2-Dichloroethane-d4
Concen: 61.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

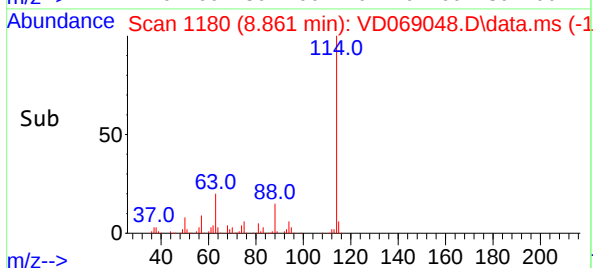
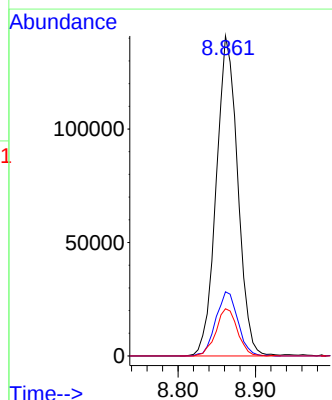
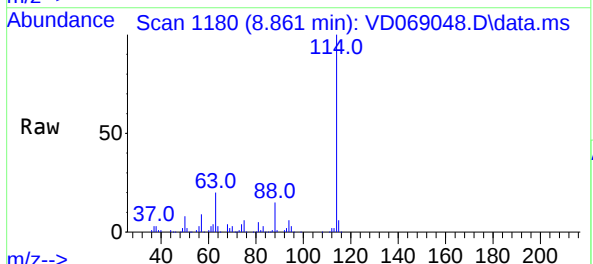
Instrument :
MSVOA_D
ClientSampled :
S-1A

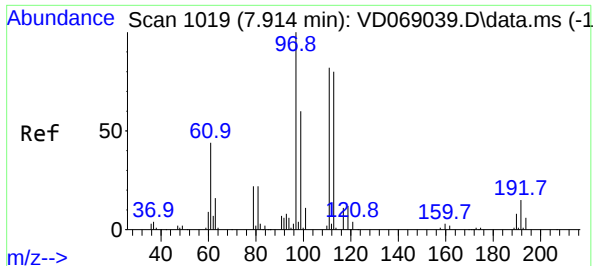
Tgt Ion: 65 Resp: 112833
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

Tgt Ion: 114 Resp: 271442
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.2
88 14.7 0.0 29.4

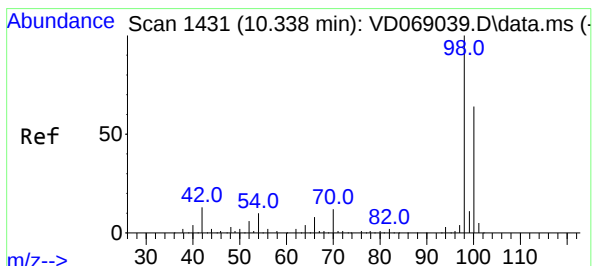
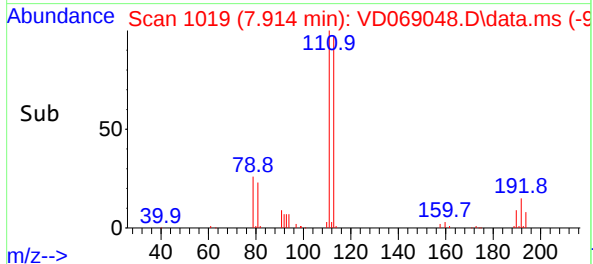
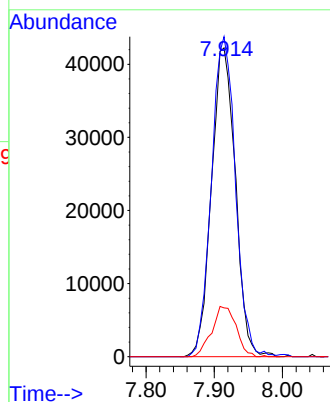
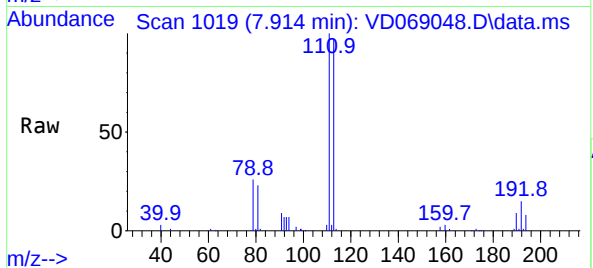




#35
Dibromofluoromethane
Concen: 57.42 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

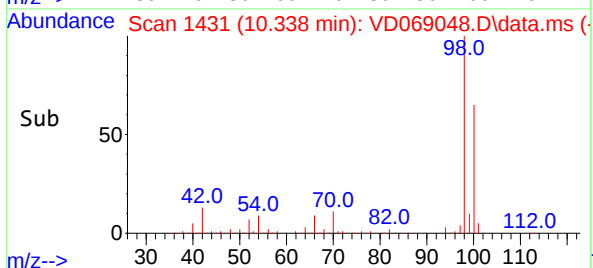
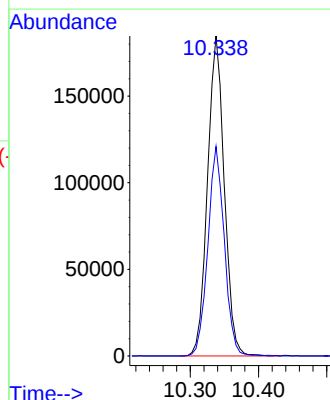
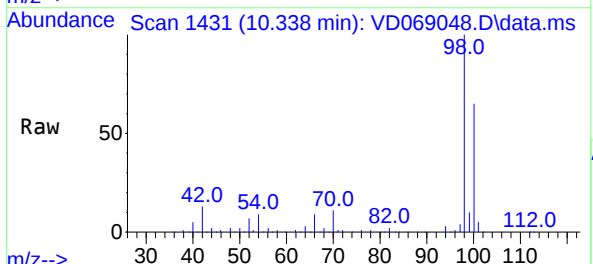
Instrument :
MSVOA_D
ClientSampled :
S-1A

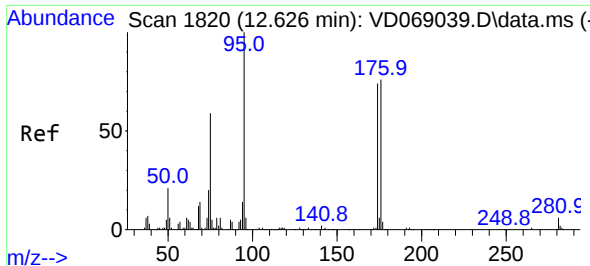
Tgt Ion:113 Resp: 103066
Ion Ratio Lower Upper
113 100
111 104.0 82.5 123.7
192 16.5 15.1 22.7



#50
Toluene-d8
Concen: 47.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

Tgt Ion: 98 Resp: 316497
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

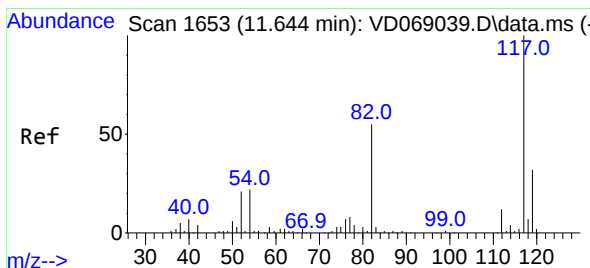
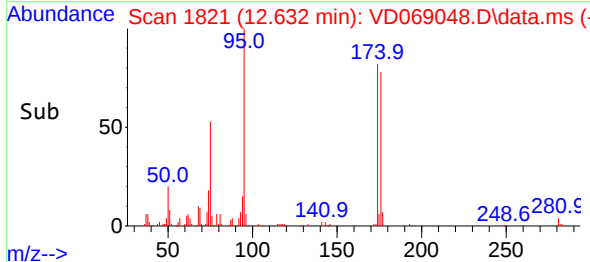
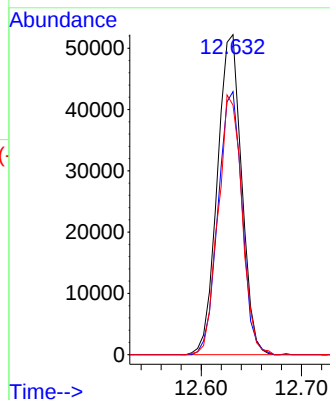
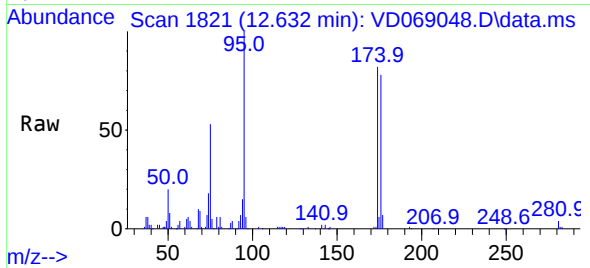




#62
4-Bromofluorobenzene
Concen: 39.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

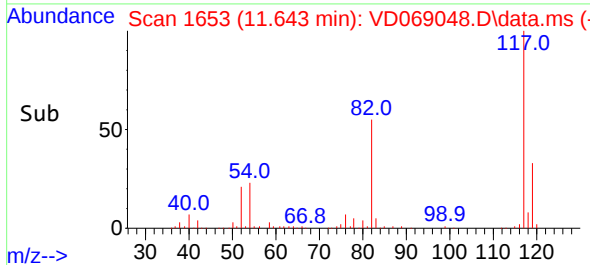
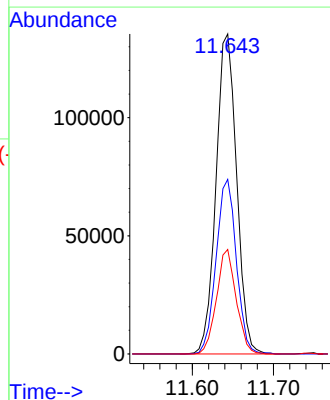
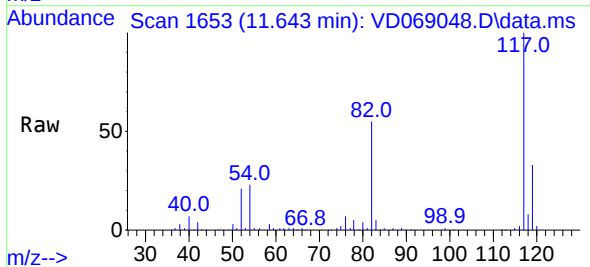
Instrument :
MSVOA_D
ClientSampled :
S-1A

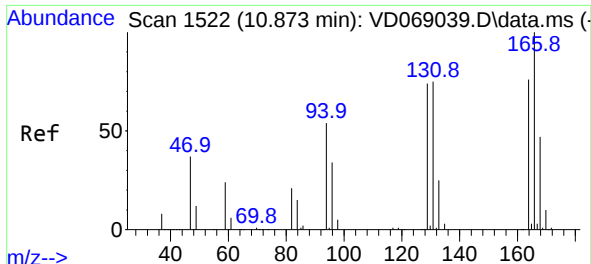
Tgt Ion: 95 Resp: 87837
Ion Ratio Lower Upper
95 100
174 81.0 0.0 168.0
176 79.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

Tgt Ion: 117 Resp: 239300
Ion Ratio Lower Upper
117 100
82 54.6 43.5 65.3
119 32.7 26.7 40.1

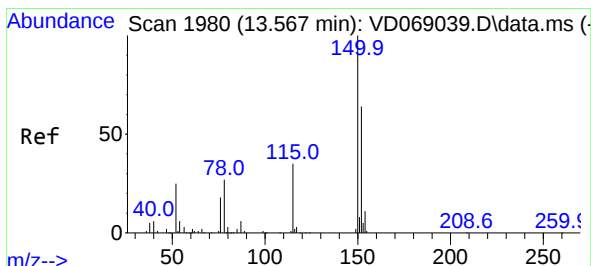
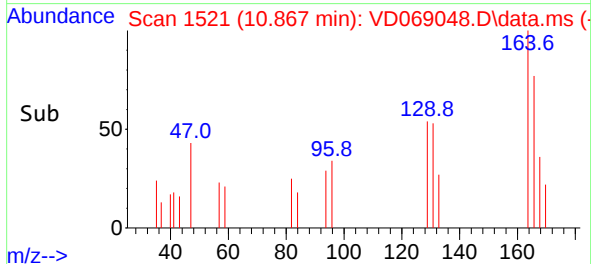
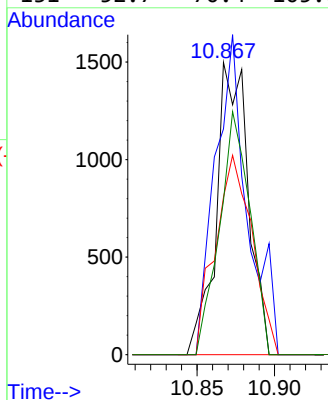
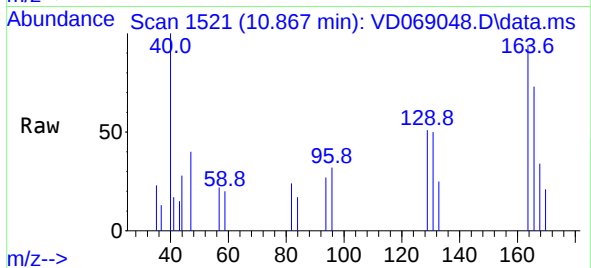




#64
Tetrachloroethene
Concen: 1.46 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

Instrument :
MSVOA_D
ClientSampled :
S-1A

Tgt Ion:164 Resp: 2154
Ion Ratio Lower Upper
164 100
166 77.2 103.0 154.6#
129 53.9 77.4 116.0#
131 52.7 70.4 105.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069048.D
Acq: 03 May 2021 18:14

Tgt Ion:152 Resp: 82884
Ion Ratio Lower Upper
152 100
115 61.9 29.3 87.8
150 158.3 0.0 347.6

