

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069225.D
 Acq On : 20 May 2021 18:18
 Operator : VA/SY
 Sample : M2472-10
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-888-890

Quant Time: May 21 00:56:07 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)

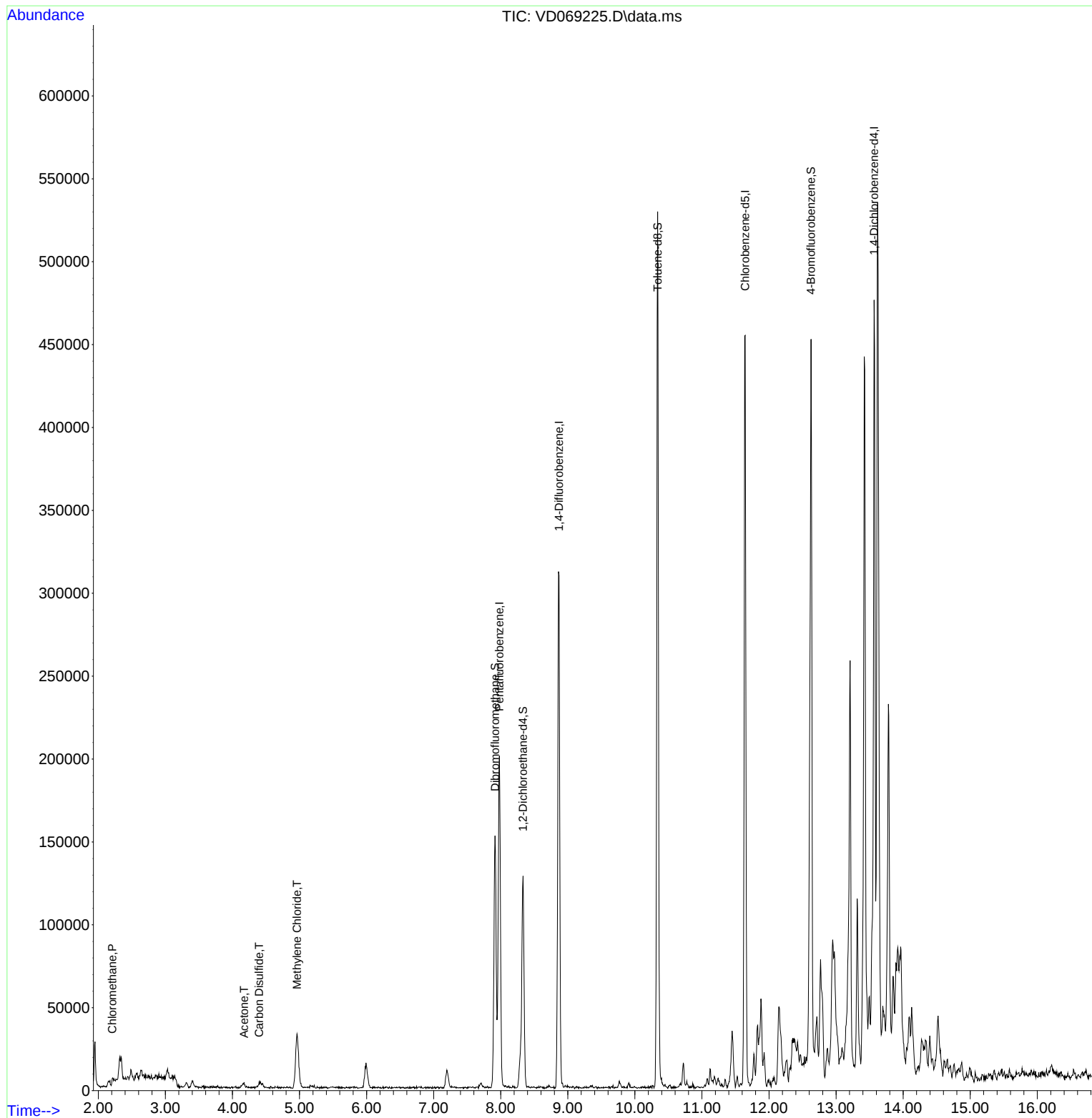
Internal Standards						
1) Pentafluorobenzene	7.979	168	146604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	273023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	273232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	114572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	99156	67.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.94%
35) Dibromofluoromethane	7.914	113	106669	60.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.08%
50) Toluene-d8	10.338	98	352177	53.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.88%
62) 4-Bromofluorobenzene	12.626	95	122710	58.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.82%
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	1986	1.11	ug/l	97
16) Acetone	4.173	43	4980	22.12	ug/l	90
17) Carbon Disulfide	4.397	76	5611	1.15	ug/l #	87
20) Methylene Chloride	4.962	84	28149	7.69	ug/l	89

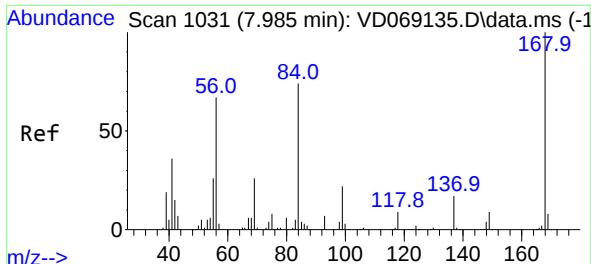
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

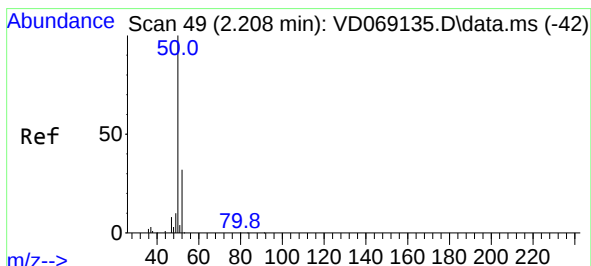
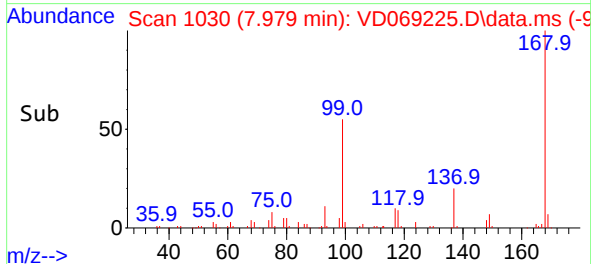
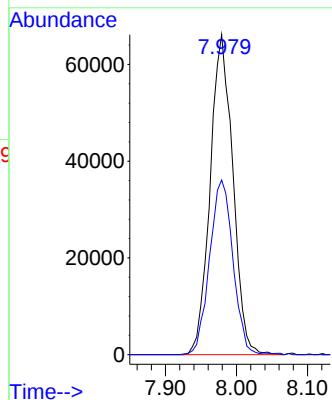
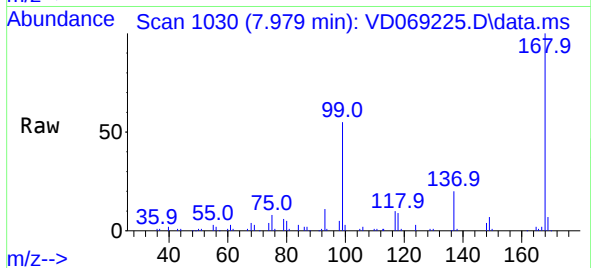




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

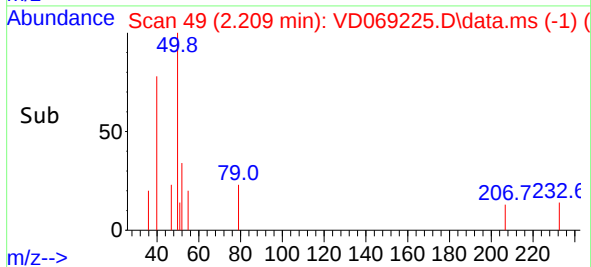
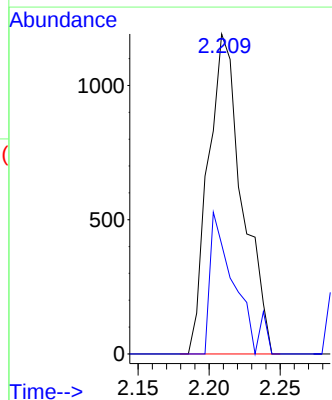
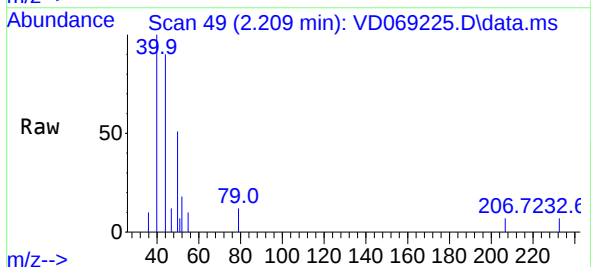
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

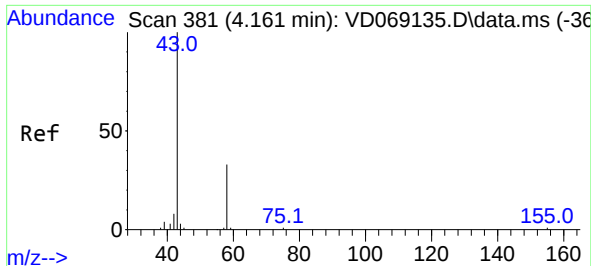
Tgt Ion:168 Resp: 146604
Ion Ratio Lower Upper
168 100
99 54.6 47.2 70.8



#3
Chloromethane
Concen: 1.11 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

Tgt Ion: 50 Resp: 1986
Ion Ratio Lower Upper
50 100
52 34.2 25.8 38.8

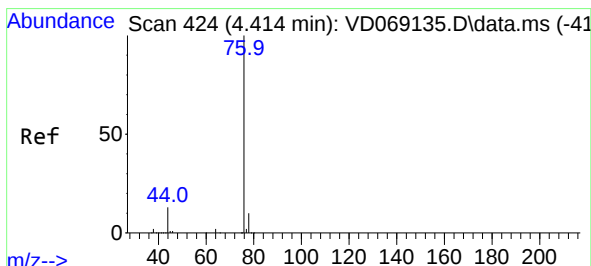
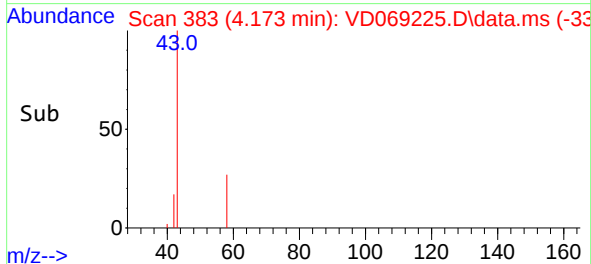
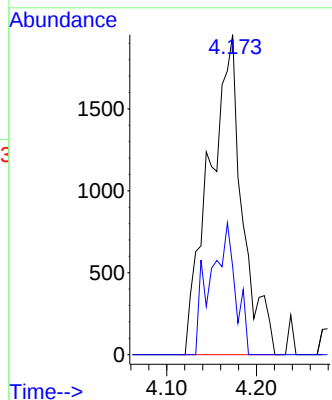
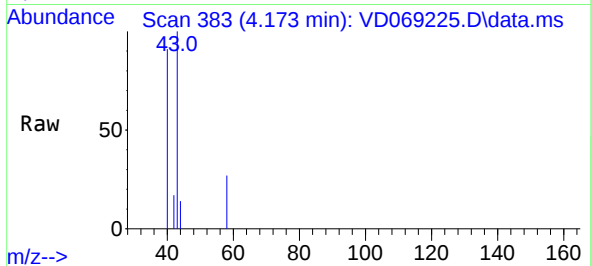




#16
Acetone
Concen: 22.12 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

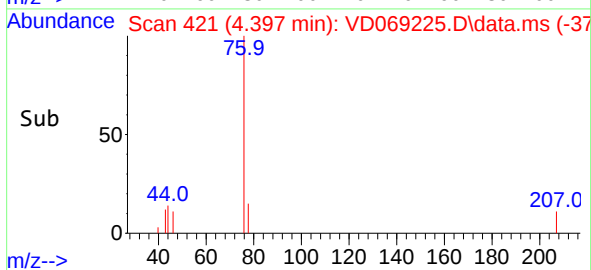
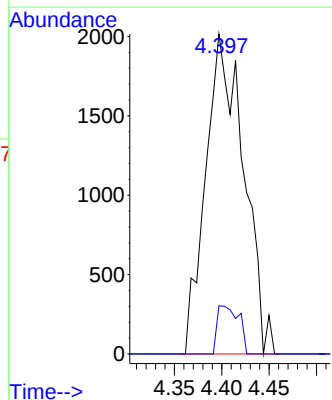
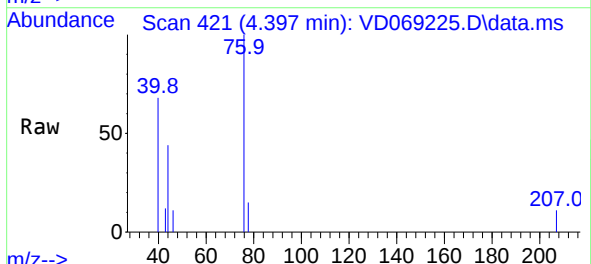
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

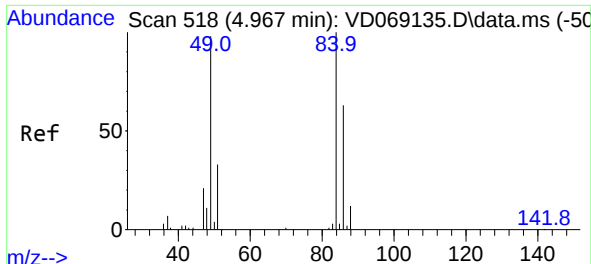
Tgt Ion: 43 Resp: 4980
Ion Ratio Lower Upper
43 100
58 27.4 26.7 40.1



#17
Carbon Disulfide
Concen: 1.15 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.017 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

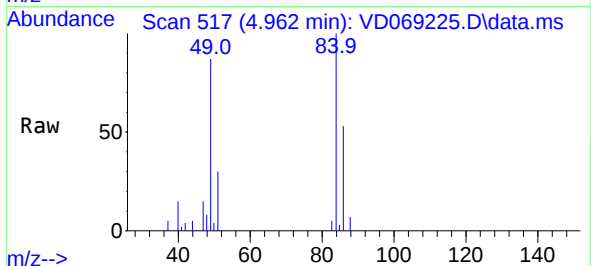
Tgt Ion: 76 Resp: 5611
Ion Ratio Lower Upper
76 100
78 15.1 8.1 12.1#





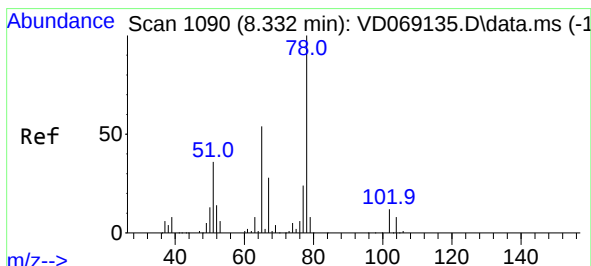
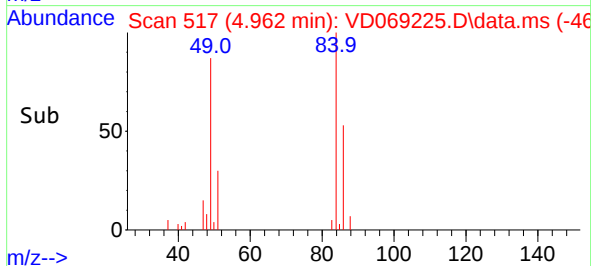
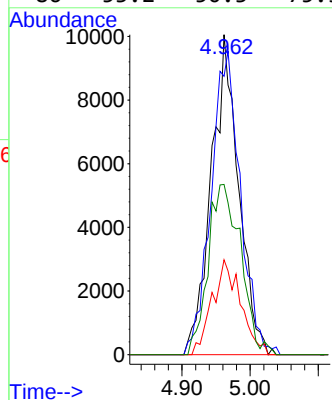
#20
Methylene Chloride
Concen: 7.69 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890



Tgt Ion: 84 Resp: 28149

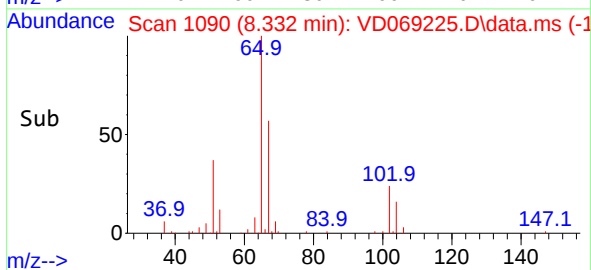
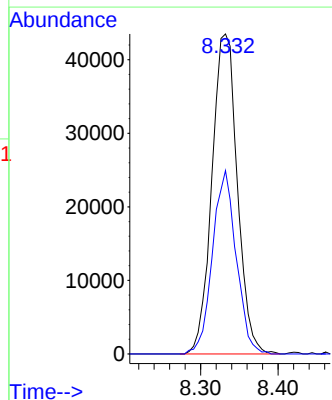
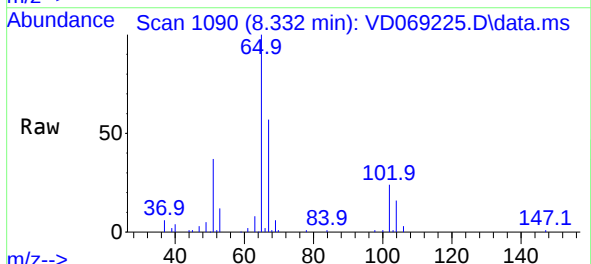
Ion	Ratio	Lower	Upper
84	100		
49	87.0	78.6	117.8
51	29.7	26.7	40.1
86	53.2	50.3	75.5

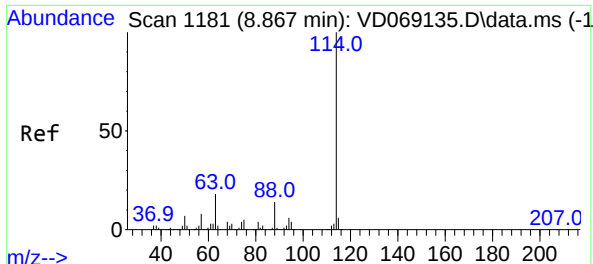


#33
1,2-Dichloroethane-d4
Concen: 67.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

Tgt Ion: 65 Resp: 99156

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.0





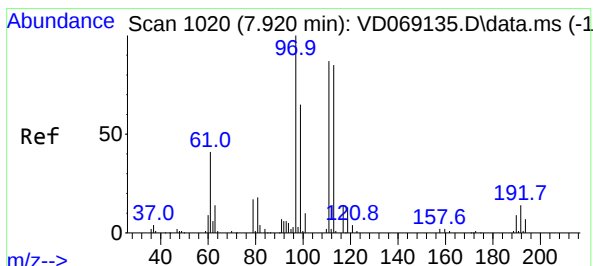
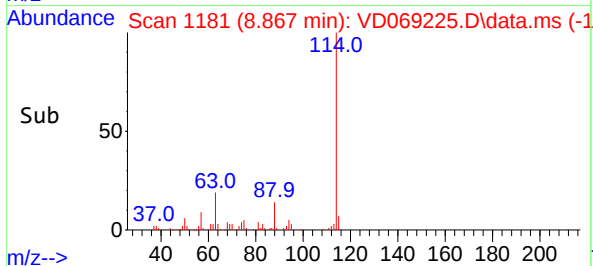
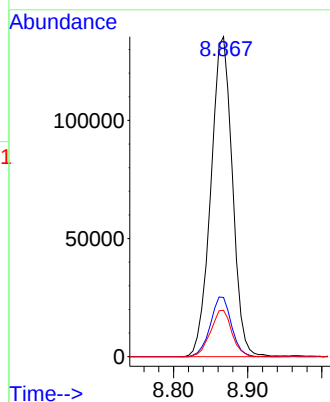
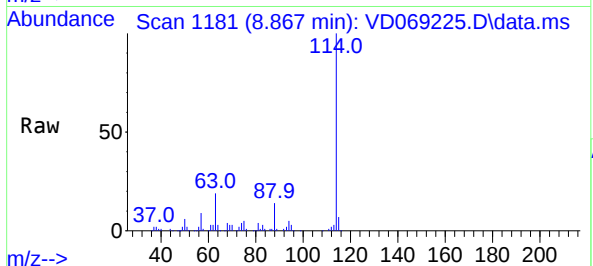
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

Instrument :
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ClientSampleId :
BP-VPB-RW8-GW-888-890

Tgt Ion:114 Resp: 273023

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.4
88	14.5	0.0	28.2

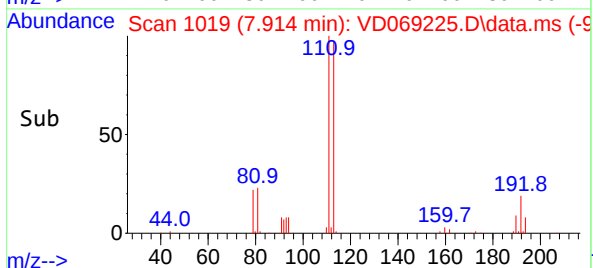
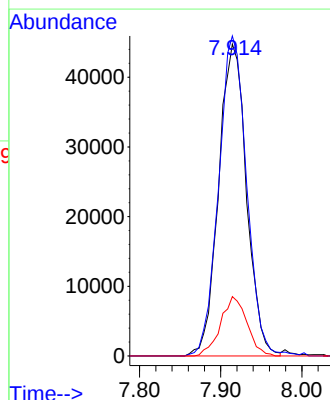
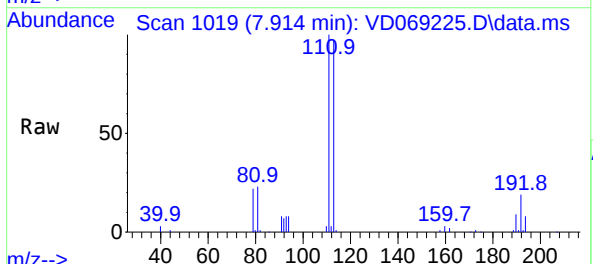


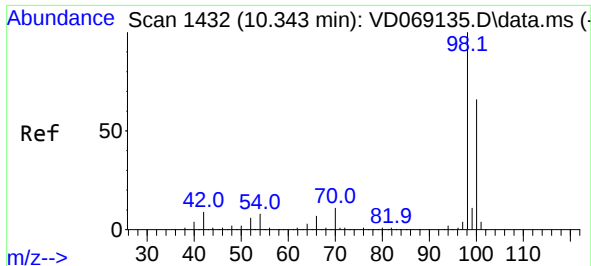
#35

Dibromofluoromethane
Concen: 60.04 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

Tgt Ion:113 Resp: 106669

Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.6	120.8
192	18.1	14.8	22.2

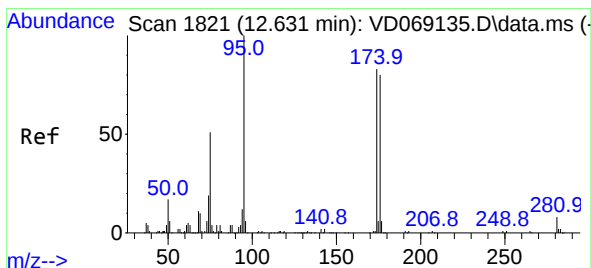
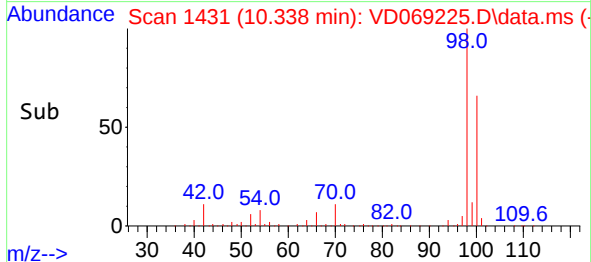
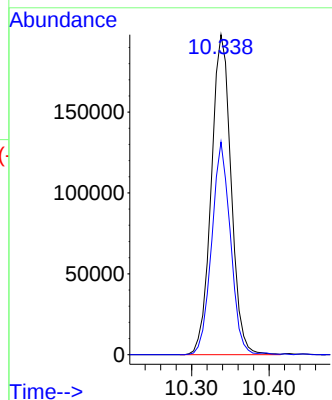
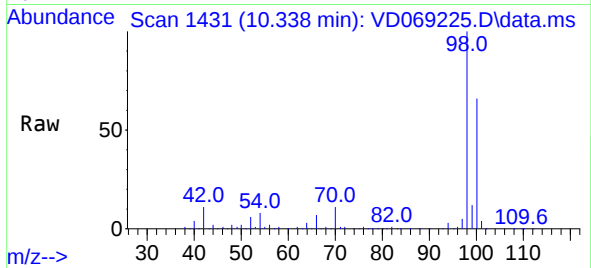




#50
Toluene-d8
Concen: 53.94 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

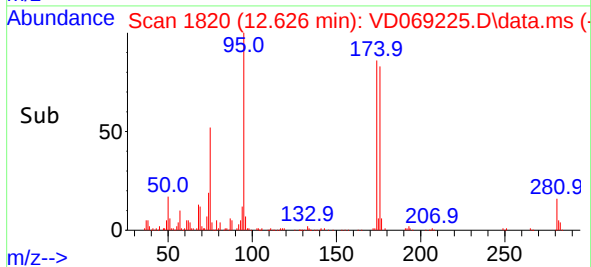
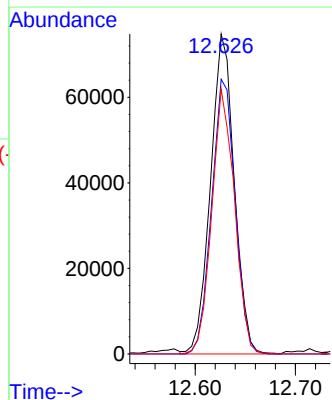
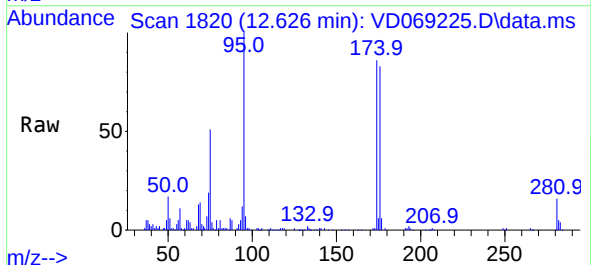
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

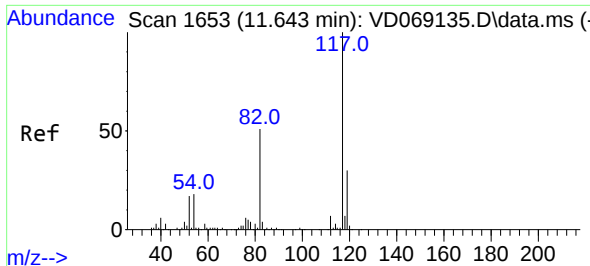
Tgt Ion: 98 Resp: 352177
Ion Ratio Lower Upper
98 100
100 62.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 58.41 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

Tgt Ion: 95 Resp: 122710
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.8
176 79.5 0.0 165.4

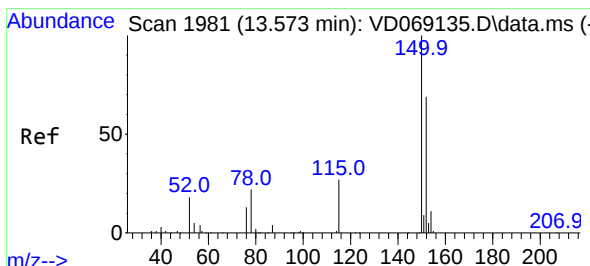
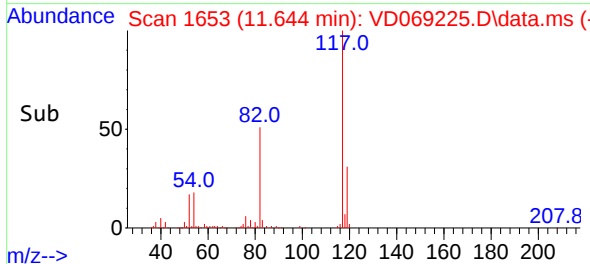
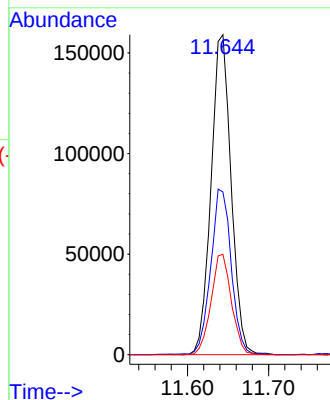
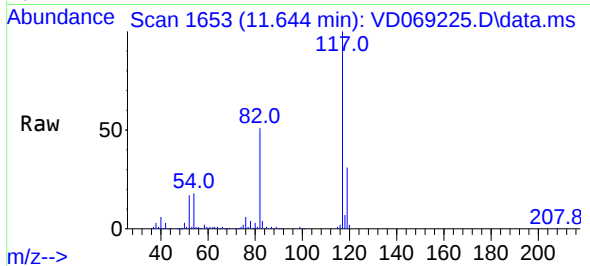




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-888-890

Tgt Ion:117	Resp:	273232	
Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.5	60.7
119	31.4	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.005 min
Lab File: VD069225.D
Acq: 20 May 2021 18:18

Tgt	Ion:152	Resp:	114572
Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.9	89.8
150	158.5	0.0	350.2

