

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069181.D
 Acq On : 14 May 2021 17:19
 Operator : VA/SY
 Sample : M2411-12
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW8-GW-818-820

Quant Time: May 15 02:36:10 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)

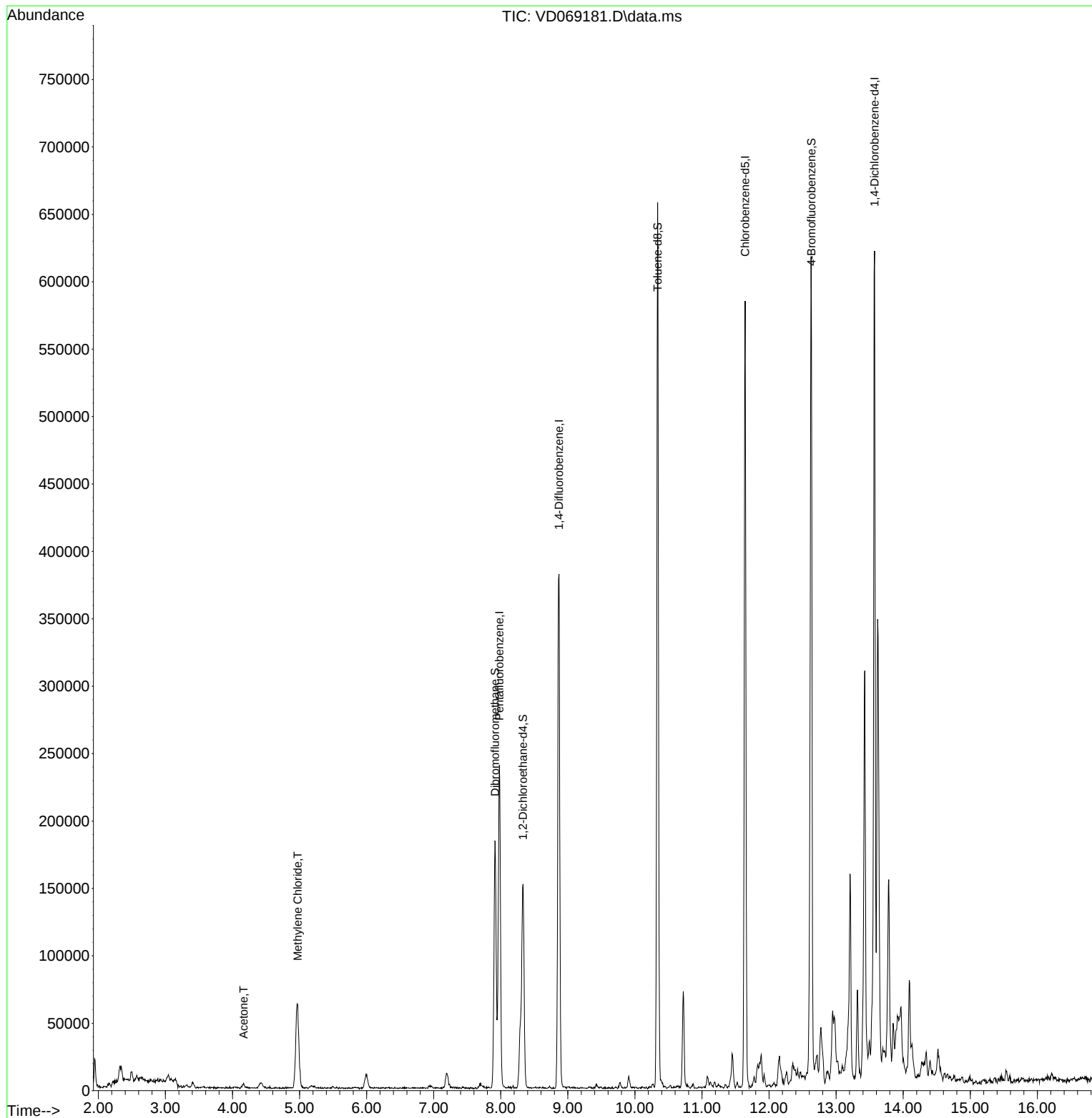
Internal Standards						
1) Pentafluorobenzene	7.979	168	173084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	344458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	339582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	157255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	122184	70.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.84%
35) Dibromofluoromethane	7.914	113	128736	57.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.86%
50) Toluene-d8	10.338	98	437269	53.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.18%
62) 4-Bromofluorobenzene	12.632	95	148789	56.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.28%
Target Compounds						
16) Acetone	4.167	43	5200	19.57	ug/l	97
20) Methylene Chloride	4.973	84	53010	18.86	ug/l	95

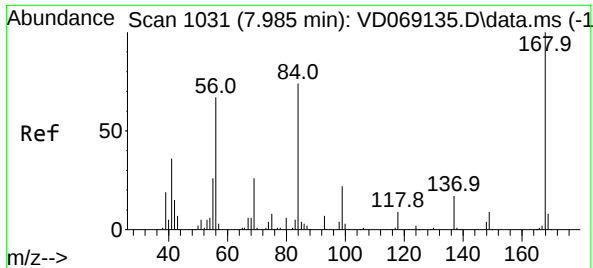
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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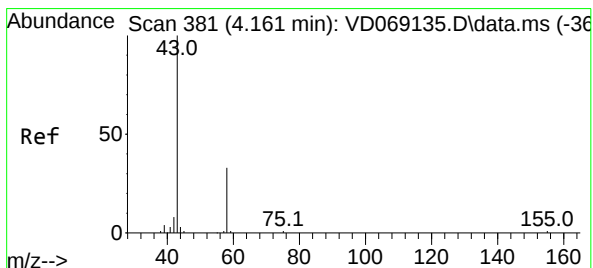
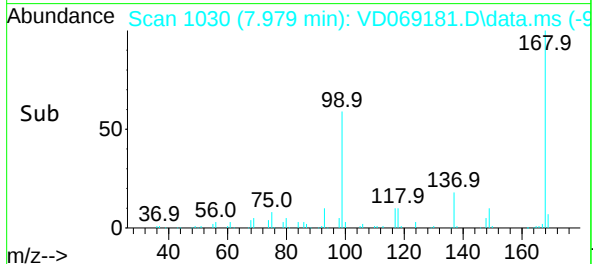
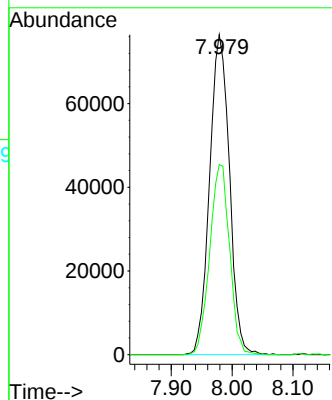
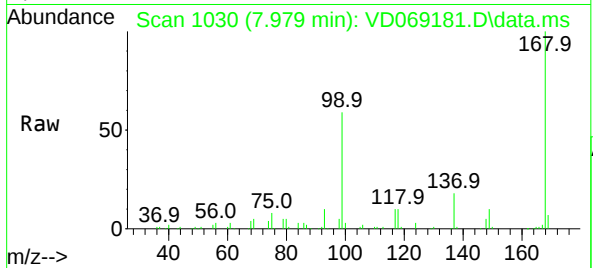




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069181.D
Acq: 14 May 2021 17:19

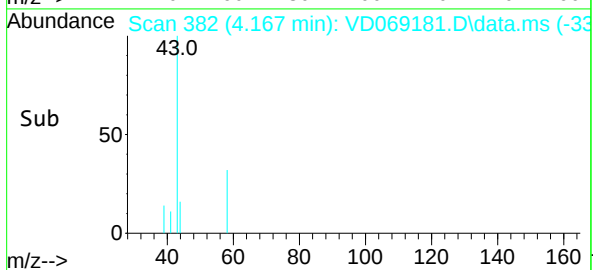
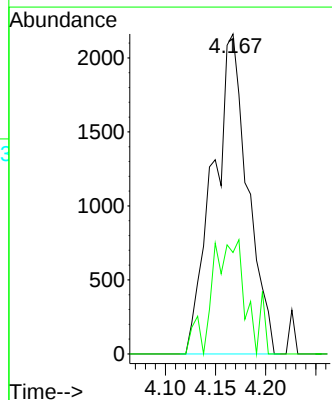
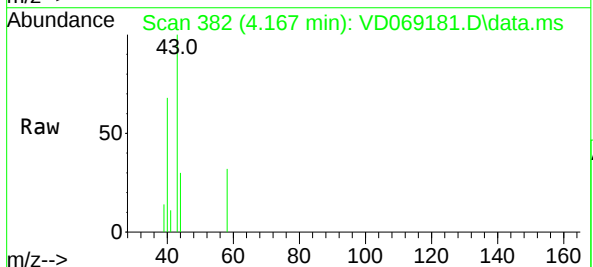
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-818-820

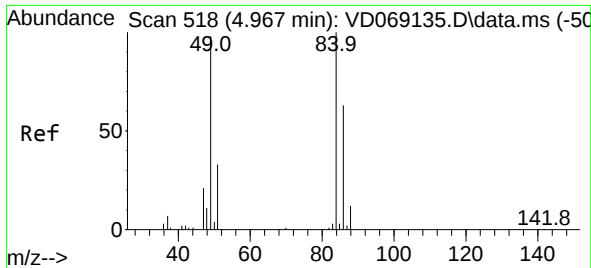
Tgt Ion:168 Resp: 173084
Ion Ratio Lower Upper
168 100
99 59.5 47.2 70.8



#16
Acetone
Concen: 19.57 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069181.D
Acq: 14 May 2021 17:19

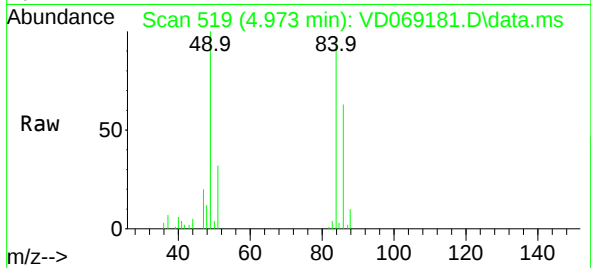
Tgt Ion: 43 Resp: 5200
Ion Ratio Lower Upper
43 100
58 31.7 26.7 40.1



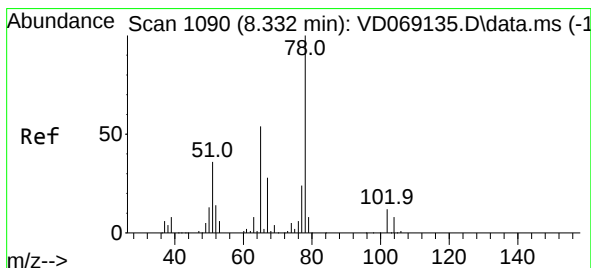
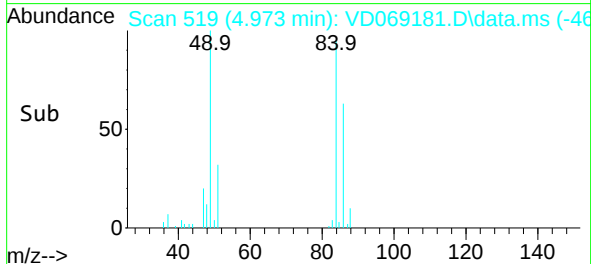
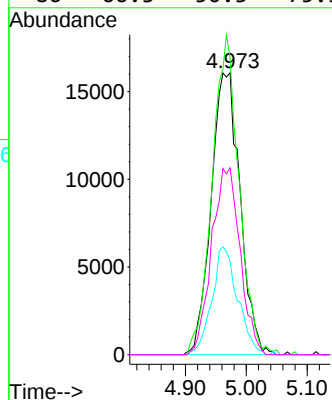


#20
Methylene Chloride
Concen: 18.86 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069181.D
Acq: 14 May 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-818-820

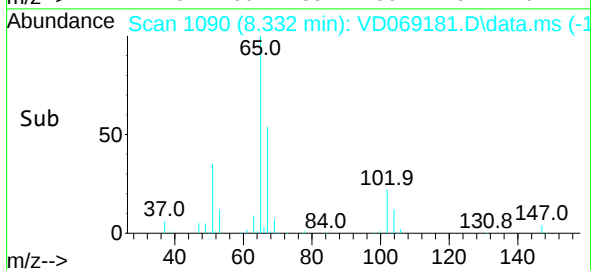
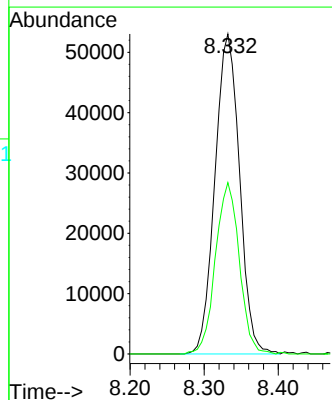
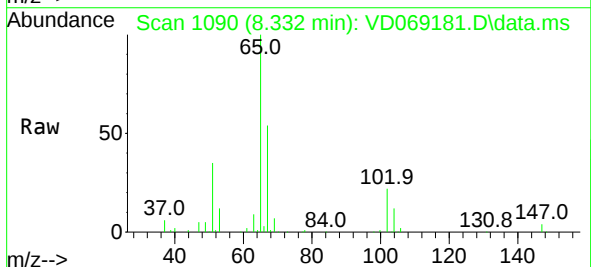


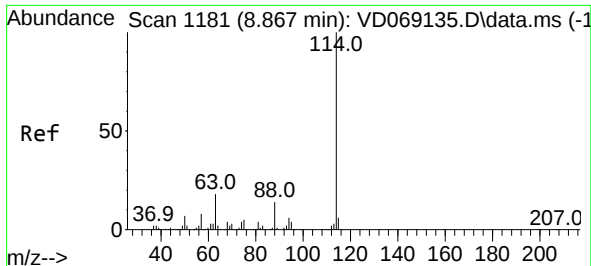
Tgt Ion: 84 Resp: 53010
Ion Ratio Lower Upper
84 100
49 105.2 78.6 117.8
51 33.2 26.7 40.1
86 66.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 70.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069181.D
Acq: 14 May 2021 17:19

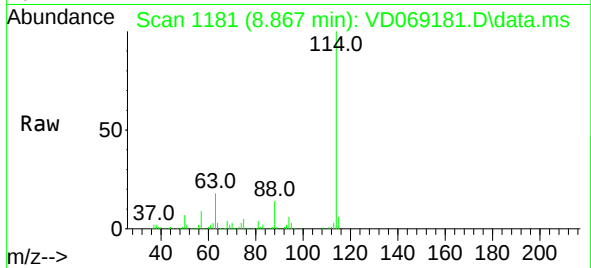
Tgt Ion: 65 Resp: 122184
Ion Ratio Lower Upper
65 100
67 51.9 0.0 108.0



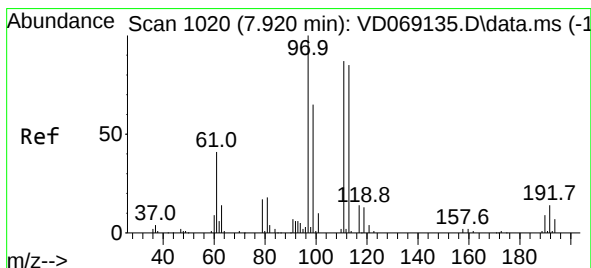
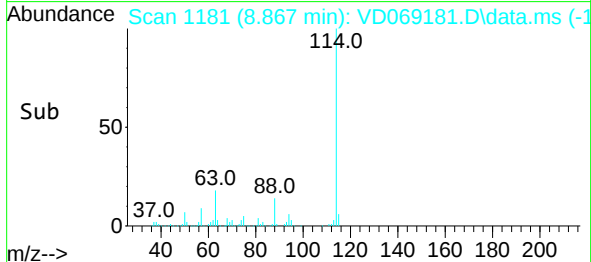
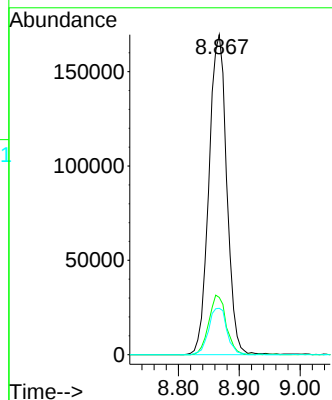


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069181.D
Acq: 14 May 2021 17:19

Instrument :
MSVOA_D
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BP-VPB-RW8-GW-818-820

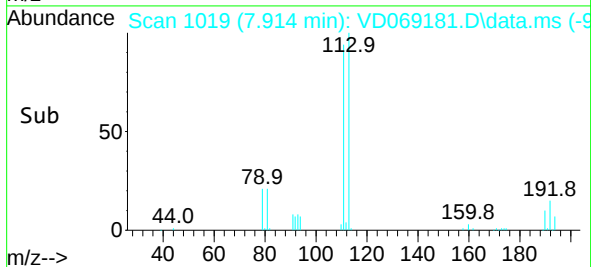
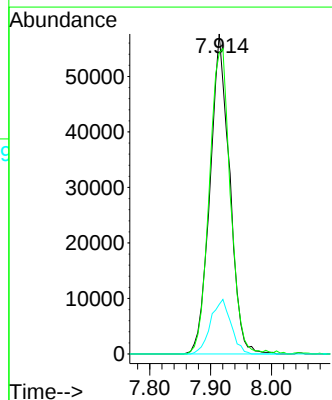
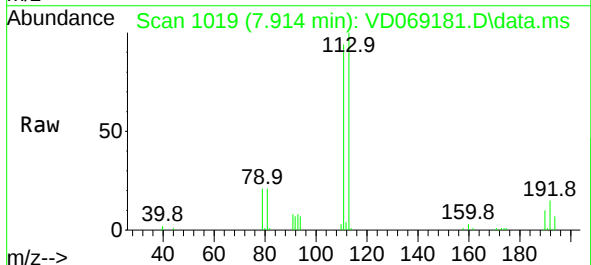


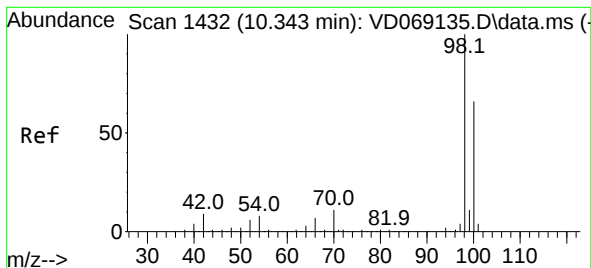
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.4
88	14.5	0.0	28.2



#35
Dibromofluoromethane
Concen: 57.43 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069181.D
Acq: 14 May 2021 17:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.6	120.8
192	17.7	14.8	22.2

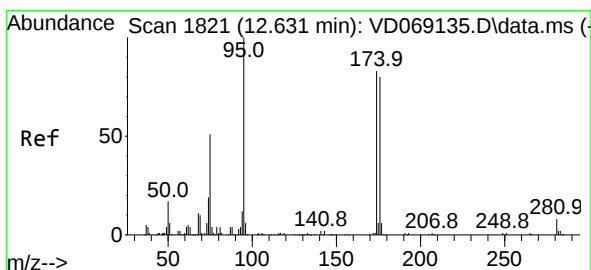
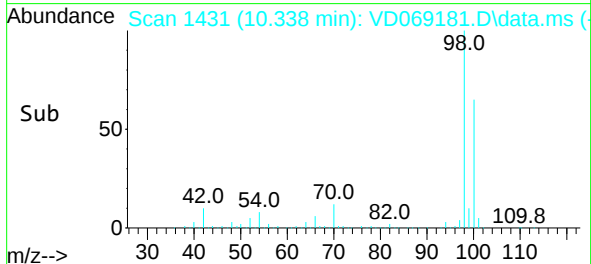
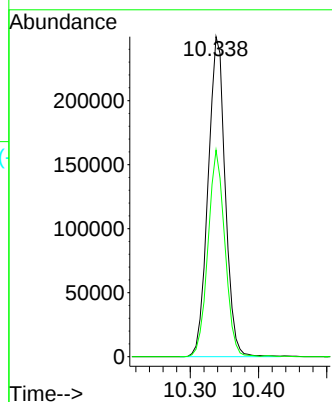
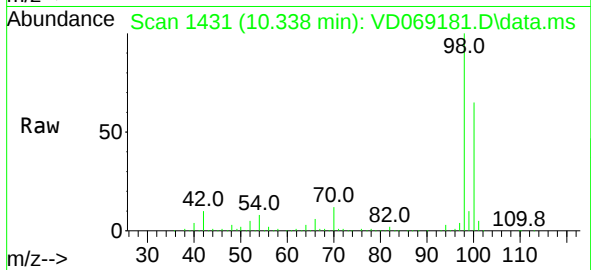




#50
Toluene-d8
Concen: 53.09 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069181.D
Acq: 14 May 2021 17:19

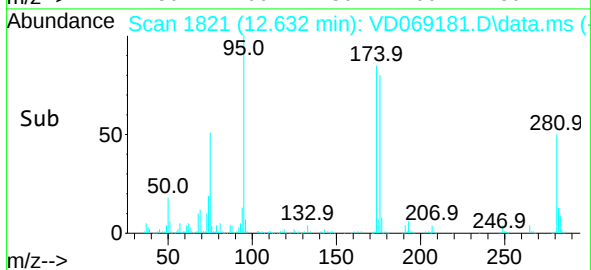
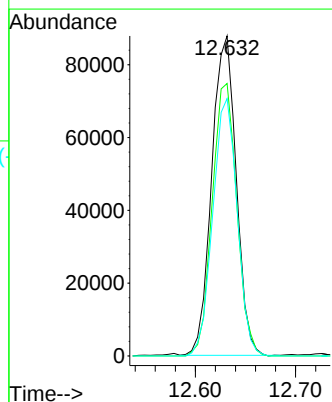
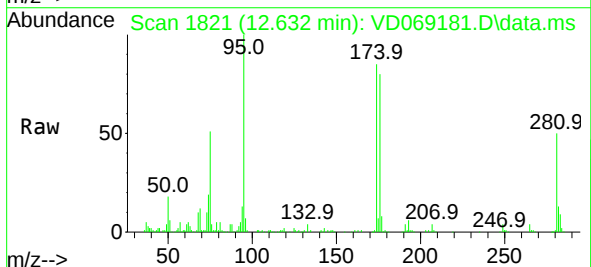
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-818-820

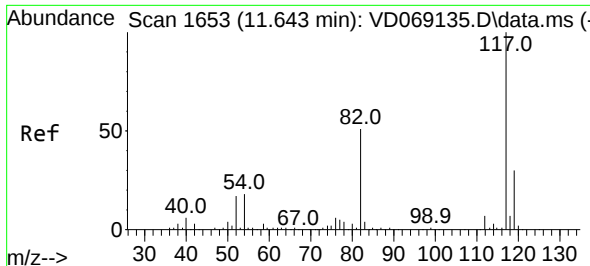
Tgt Ion: 98 Resp: 437269
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 56.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069181.D
Acq: 14 May 2021 17:19

Tgt Ion: 95 Resp: 148789
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.8
176 80.2 0.0 165.4

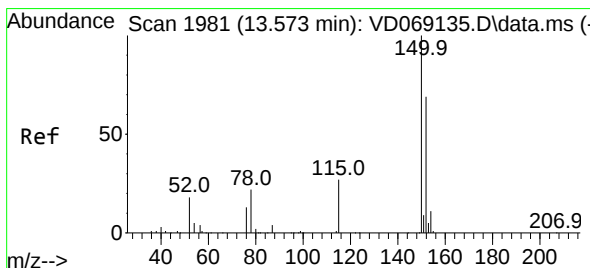
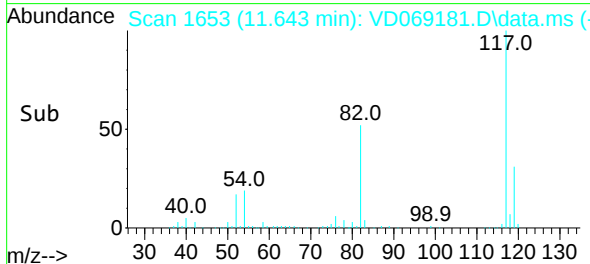
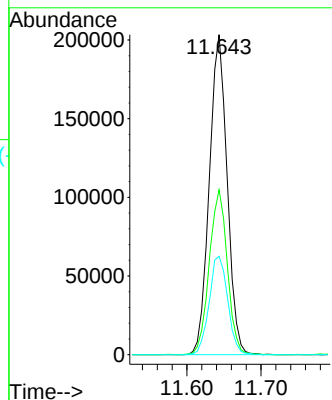
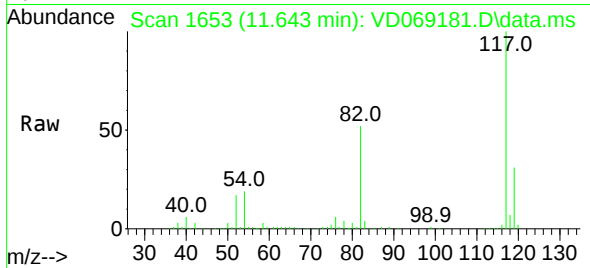




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069181.D
Acq: 14 May 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW8-GW-818-820

Tgt Ion:117 Resp: 339582
Ion Ratio Lower Upper
117 100
82 51.5 40.5 60.7
119 30.7 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: VD069181.D
Acq: 14 May 2021 17:19

Tgt Ion:152 Resp: 157255
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.8
150 156.5 0.0 350.2

