

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069207.D
 Acq On : 19 May 2021 20:17
 Operator : VA/SY
 Sample : M2457-01
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: May 20 01:04:14 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	167129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	339080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	363178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	153228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129847	77.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.00%
35) Dibromofluoromethane	7.914	113	134936	61.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.30%
50) Toluene-d8	10.337	98	442177	54.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.08%
62) 4-Bromofluorobenzene	12.626	95	155792	59.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.42%

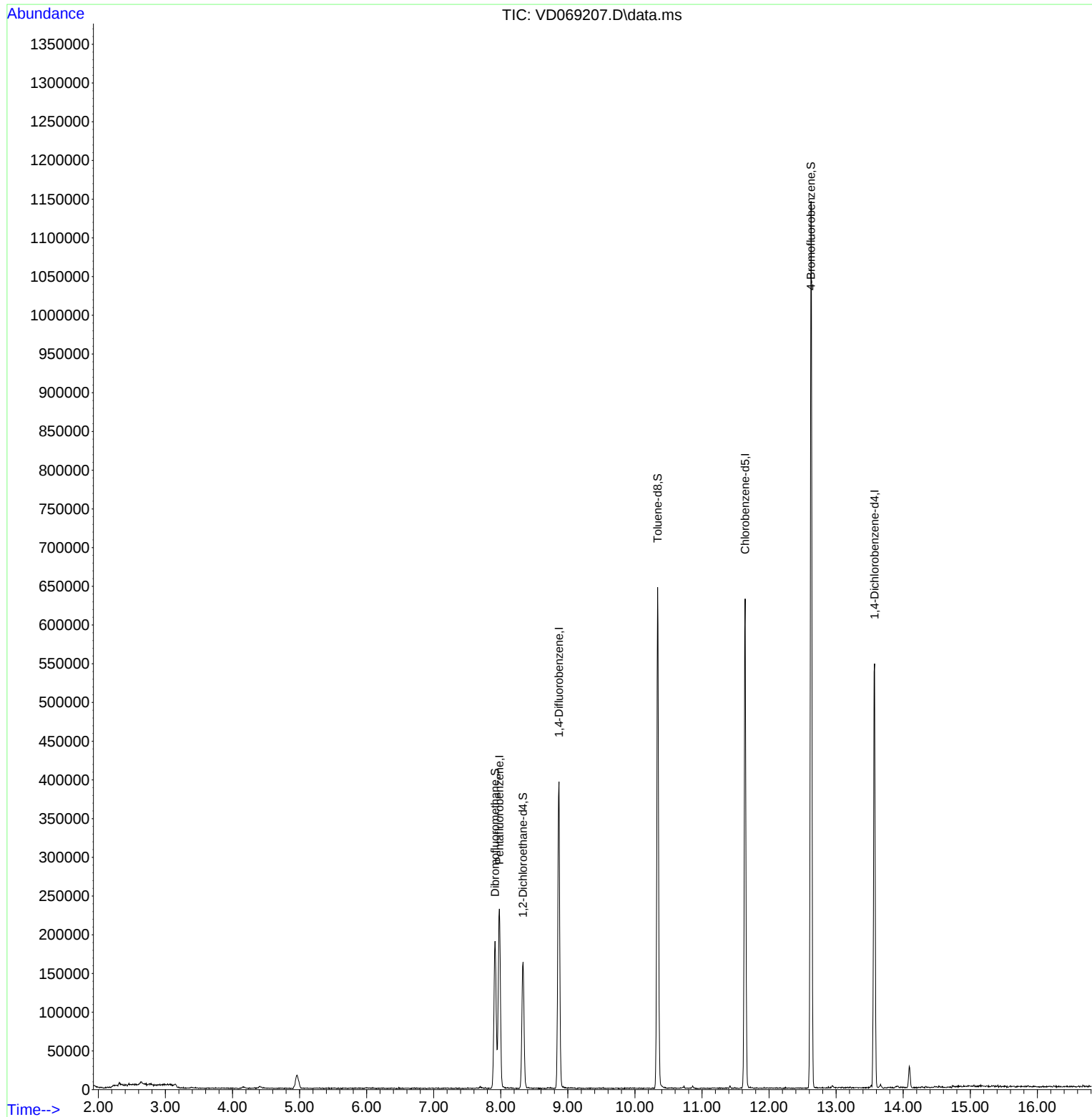
Target Compounds	Qvalue

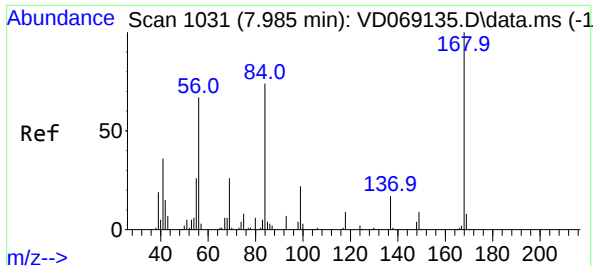
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069207.D
Acq On : 19 May 2021 20:17
Operator : VA/SY
Sample : M2457-01
Misc : 4.96G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Quant Time: May 20 01:04:14 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

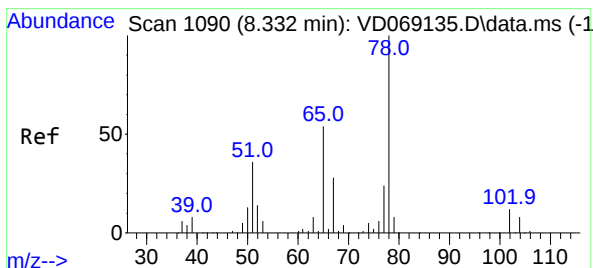
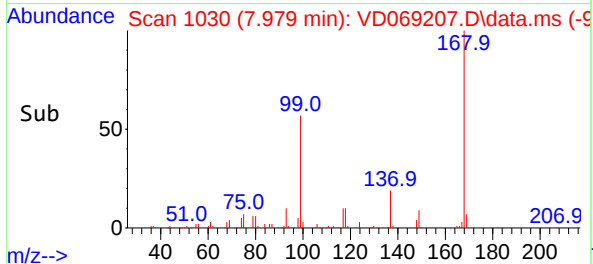
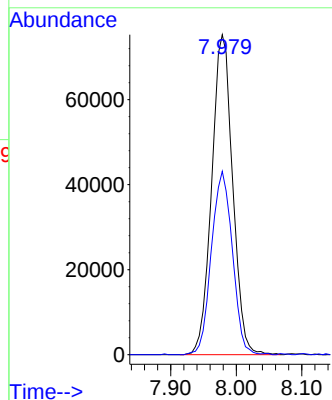
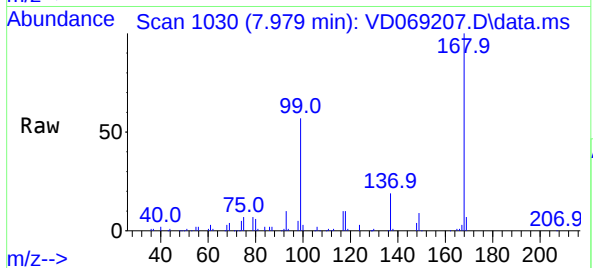




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

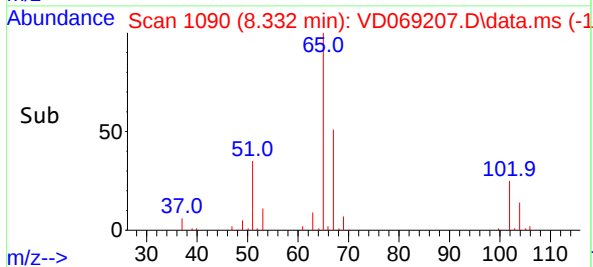
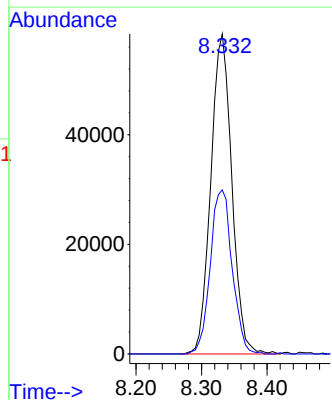
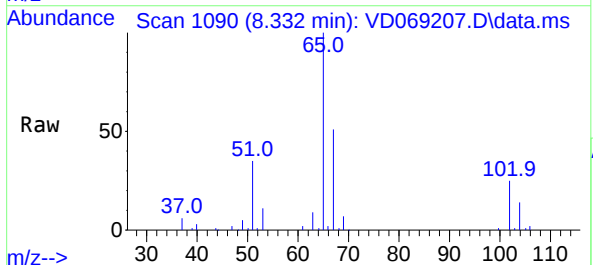
Instrument :
MSVOA_D
ClientSampleId :
TP-4

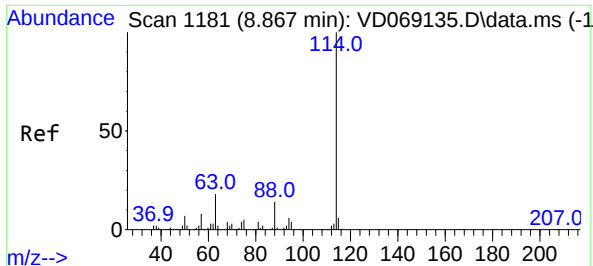
Tgt Ion:168 Resp: 167129
Ion Ratio Lower Upper
168 100
99 57.3 47.2 70.8



1,2-Dichloroethane-d4
Concen: 77.50 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

Tgt Ion: 65 Resp: 129847
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0



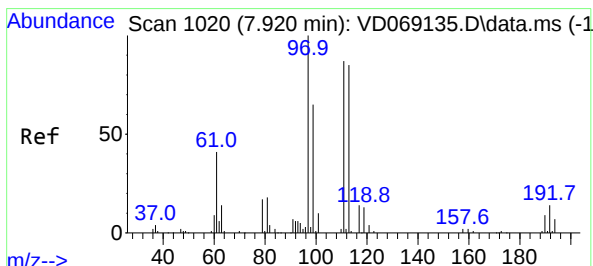
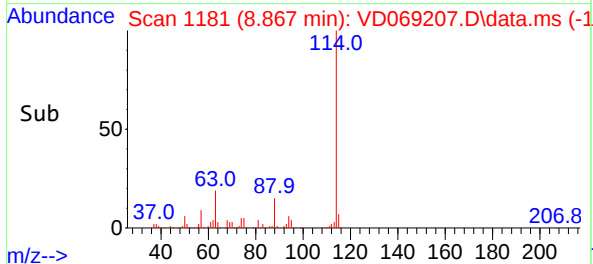
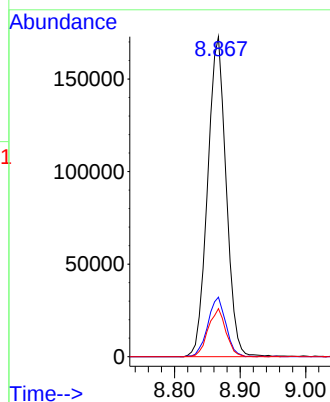
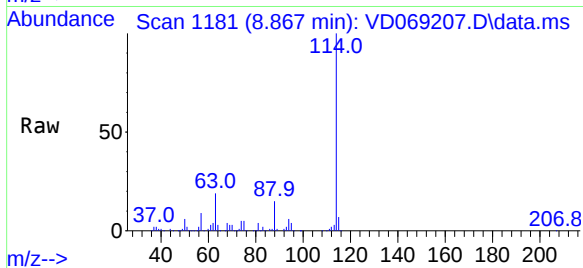


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

Instrument :
MSVOA_D
ClientSampled :
TP-4

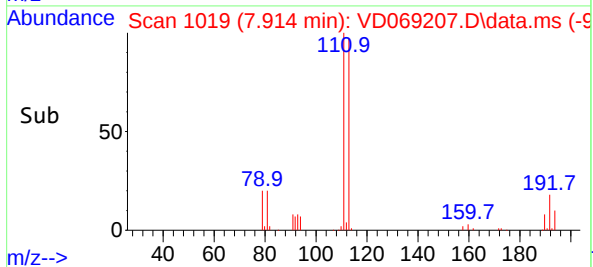
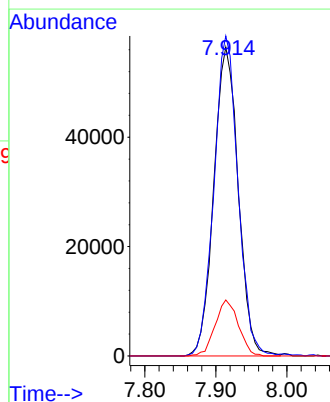
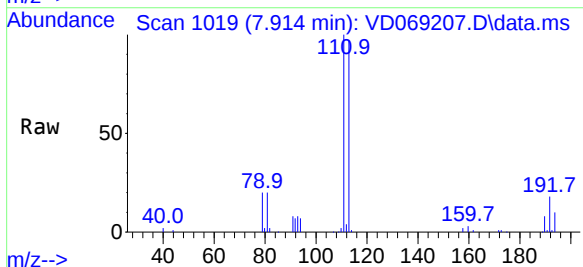
Tgt Ion:114 Resp: 339080
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 15.0 0.0 28.2

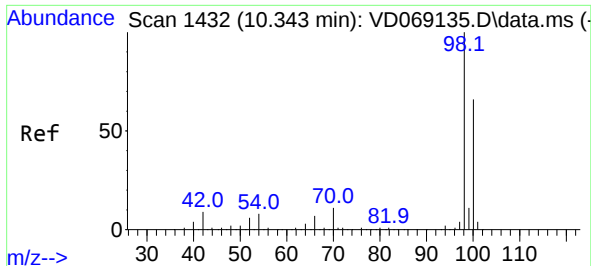


#35

Dibromofluoromethane
Concen: 61.15 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

Tgt Ion:113 Resp: 134936
Ion Ratio Lower Upper
113 100
111 101.9 80.6 120.8
192 17.2 14.8 22.2

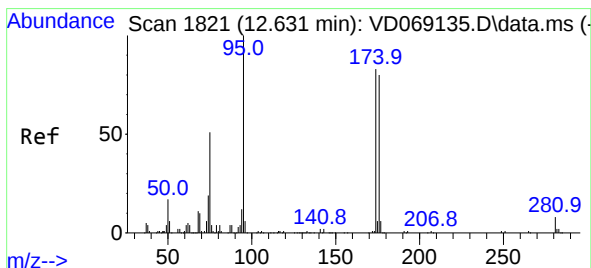
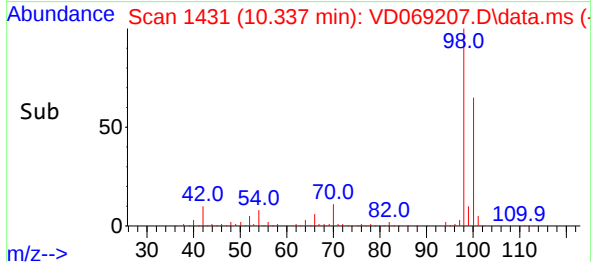
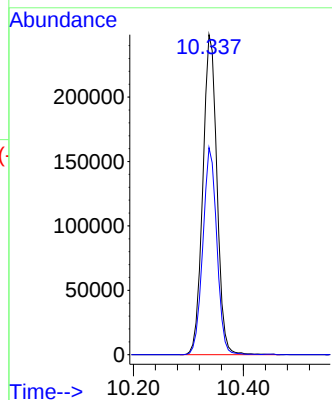
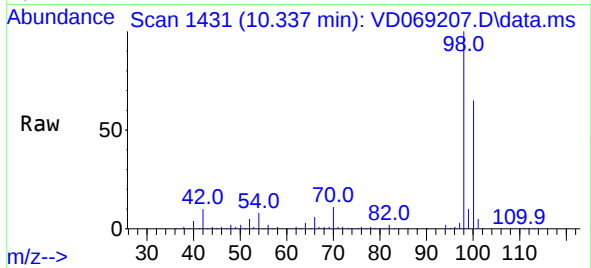




#50
Toluene-d8
Concen: 54.54 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

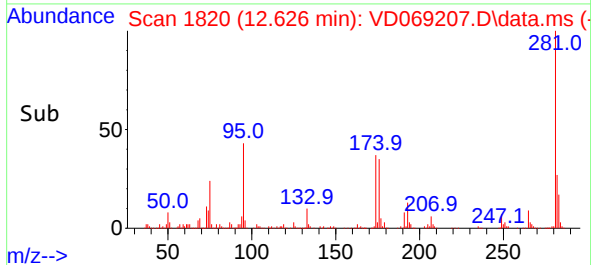
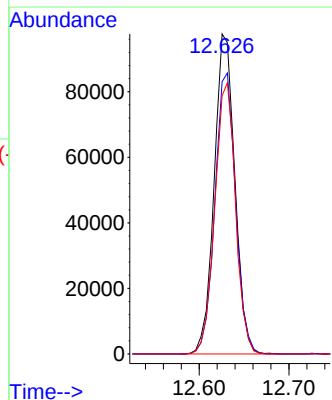
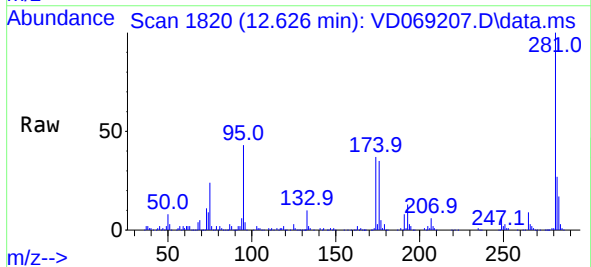
Instrument :
MSVOA_D
ClientSampled :
TP-4

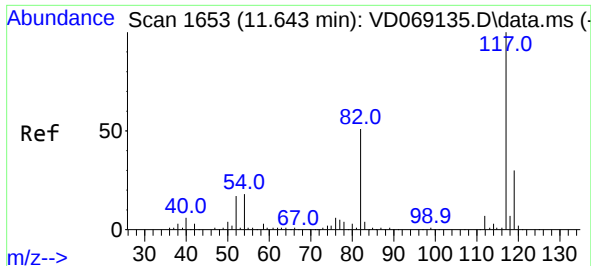
Tgt Ion: 98 Resp: 442177
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 59.71 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

Tgt Ion: 95 Resp: 155792
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.8
176 84.8 0.0 165.4

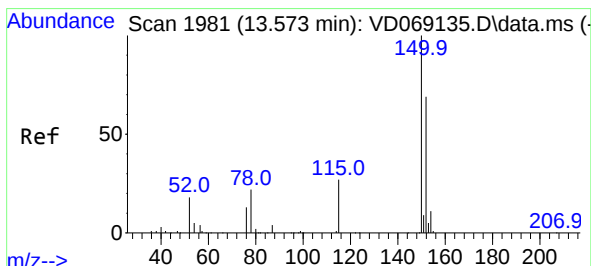
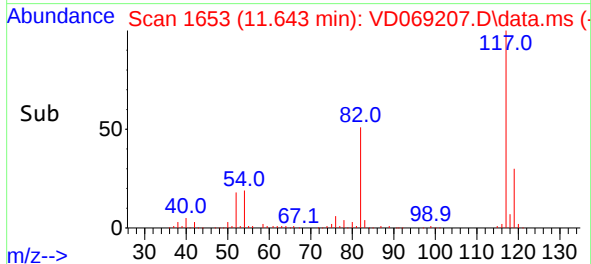
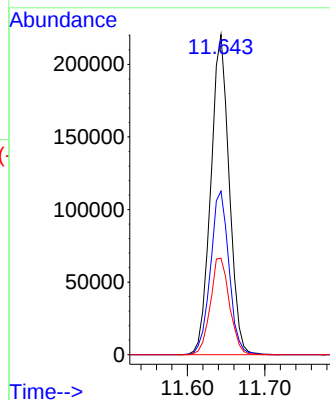
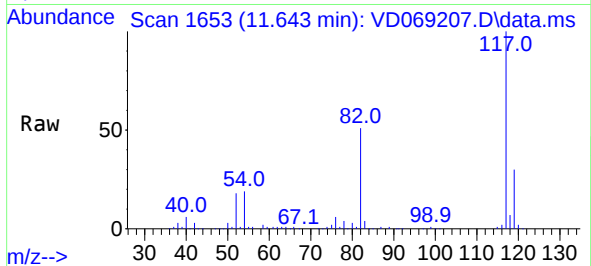




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069207.D
Acq: 19 May 2021 20:17

Instrument :
MSVOA_D
ClientSampled :
TP-4

Tgt Ion:117 Resp: 363178
Ion Ratio Lower Upper
117 100
82 51.1 40.5 60.7
119 30.2 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: VD069207.D
Acq: 19 May 2021 20:17

Tgt Ion:152 Resp: 153228
Ion Ratio Lower Upper
152 100
115 57.4 29.9 89.8
150 155.7 0.0 350.2

