

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069477.D
 Acq On : 17 Jun 2021 13:56
 Operator : VA/SY
 Sample : M2735-03
 Misc : 6.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124035

Quant Time: Jun 18 01:26:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

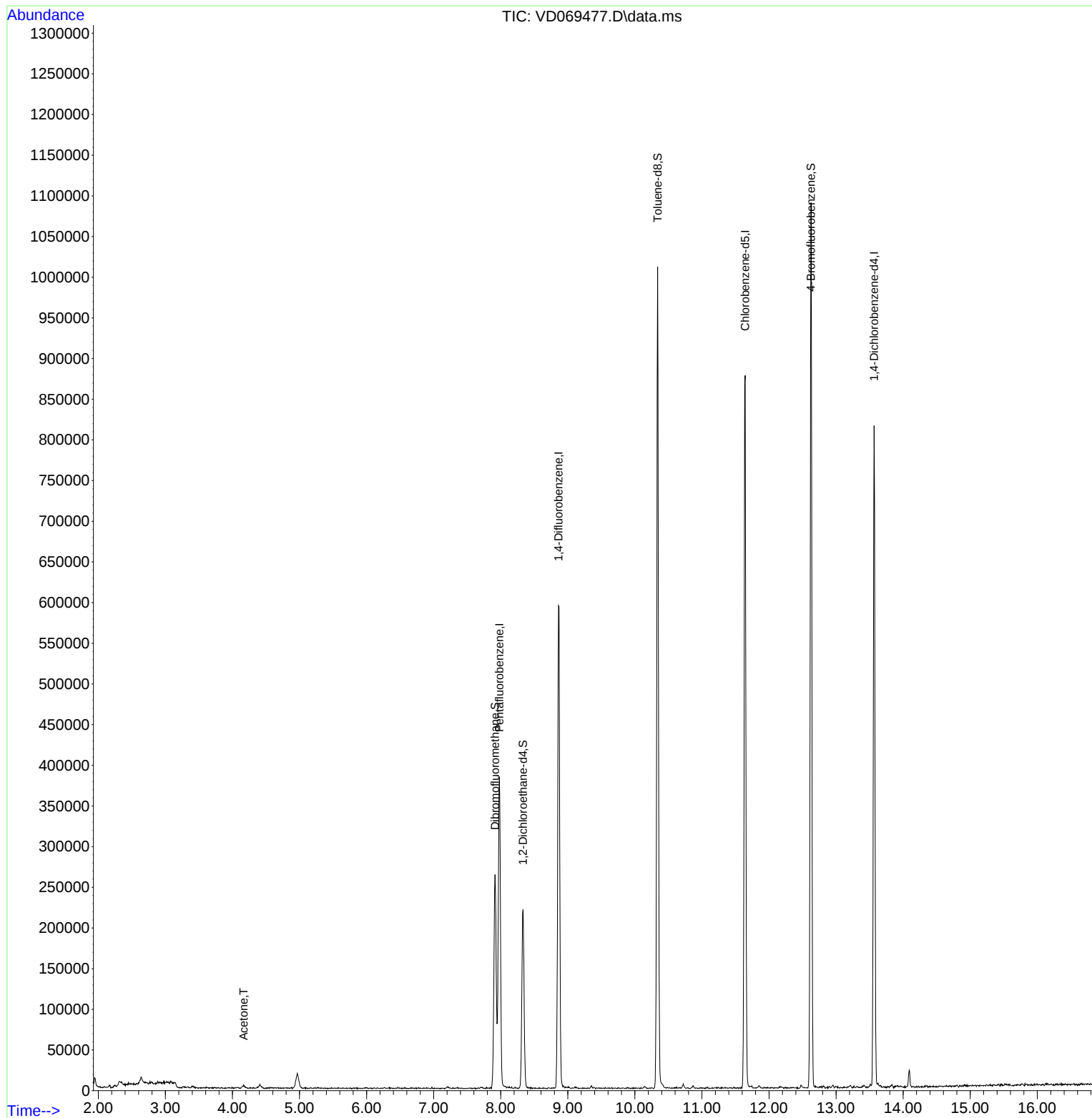
Internal Standards						
1) Pentafluorobenzene	7.979	168	287231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	539387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	545458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	221459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	179500	55.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.780%
35) Dibromofluoromethane	7.914	113	194483	48.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.280%
50) Toluene-d8	10.338	98	689179	46.641	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.626	95	231710	48.872	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.740%
Target Compounds					Qvalue	
16) Acetone	4.167	43	5649	10.532	ug/l	98

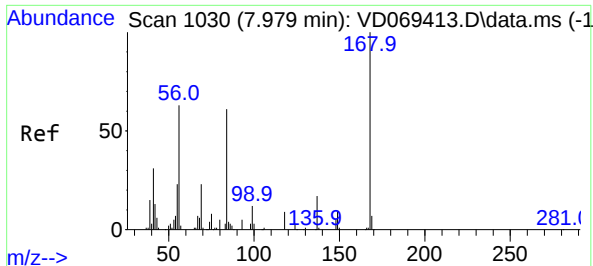
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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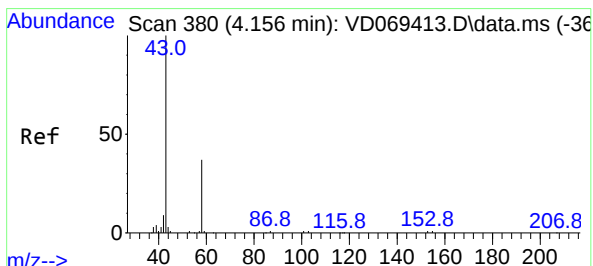
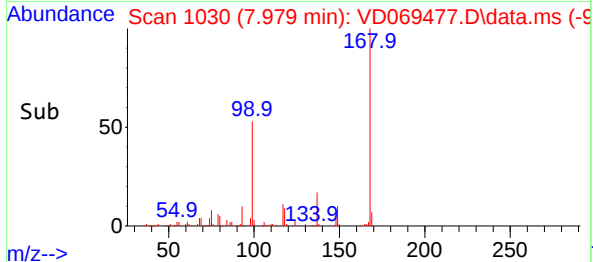
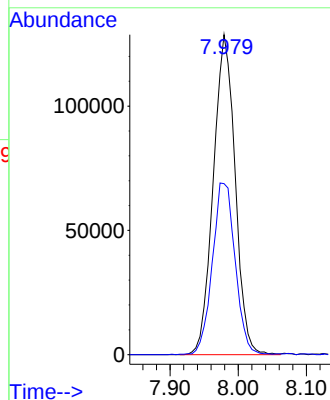
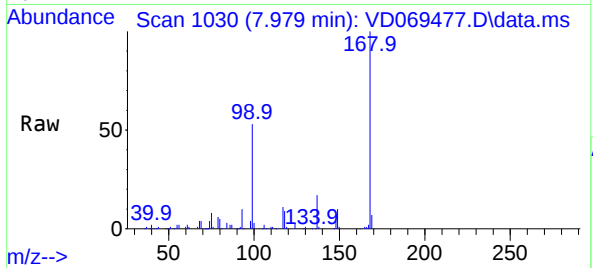




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069477.D
Acq: 17 Jun 2021 13:56

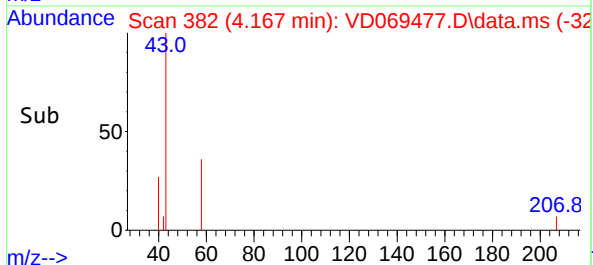
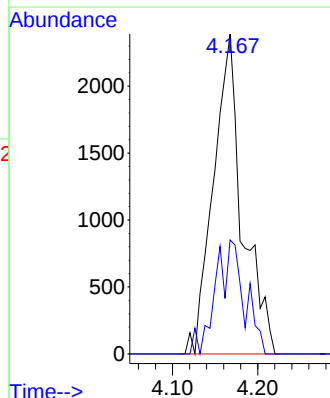
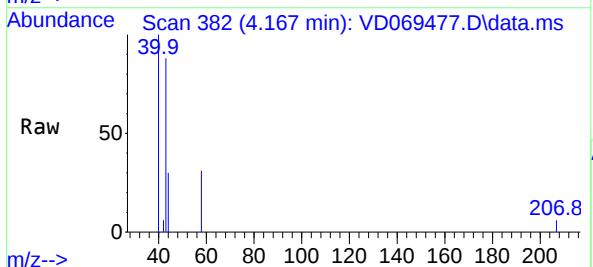
Instrument :
MSVOA_D
ClientSampleId :
124035

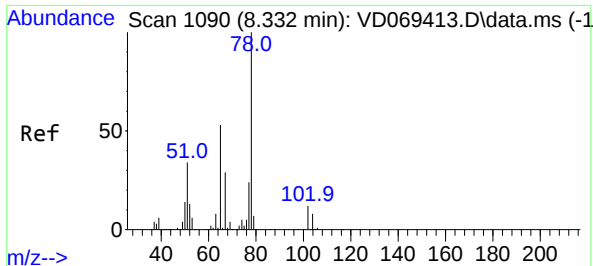
Tgt Ion:168 Resp: 287231
Ion Ratio Lower Upper
168 100
99 53.3 46.2 69.2



#16
Acetone
Concen: 10.532 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD069477.D
Acq: 17 Jun 2021 13:56

Tgt Ion: 43 Resp: 5649
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3



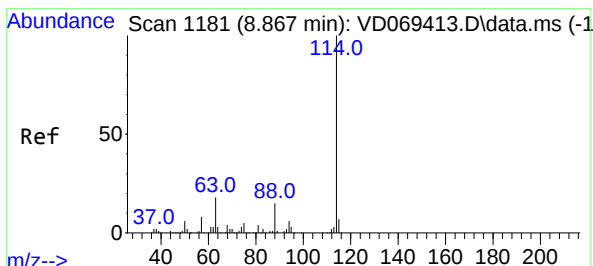
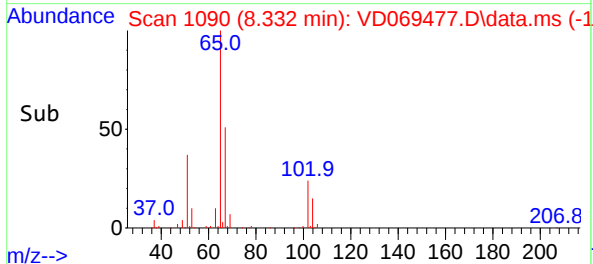
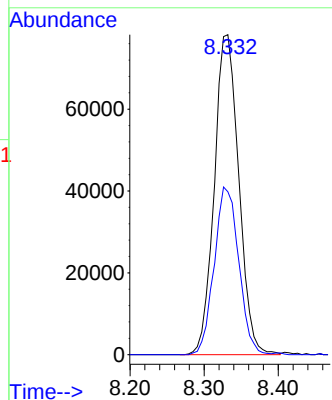
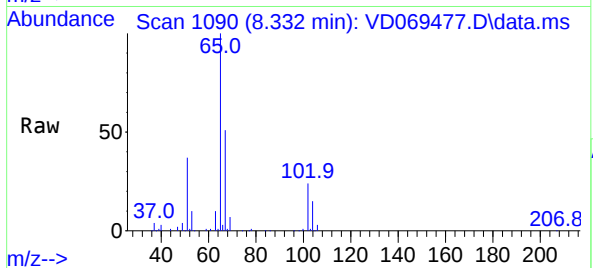


#33

1,2-Dichloroethane-d4
Concen: 55.394 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069477.D
Acq: 17 Jun 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
124035

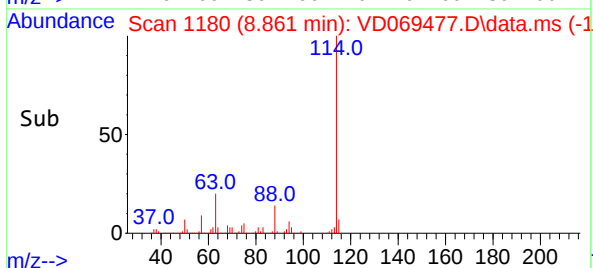
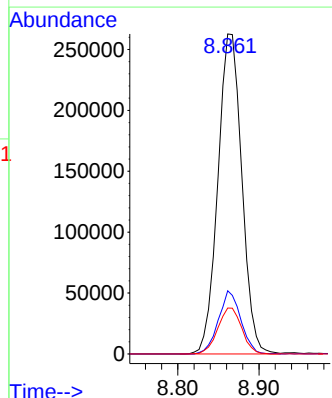
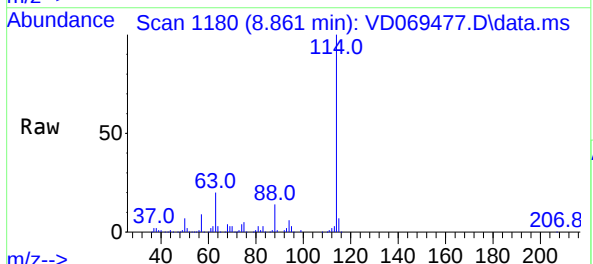
Tgt Ion: 65 Resp: 179500
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8

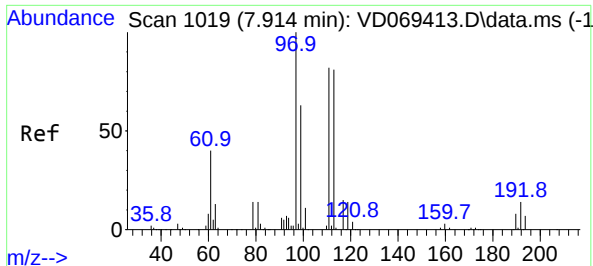


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069477.D
Acq: 17 Jun 2021 13:56

Tgt Ion:114 Resp: 539387
Ion Ratio Lower Upper
114 100
63 19.7 0.0 35.6
88 14.4 0.0 31.2



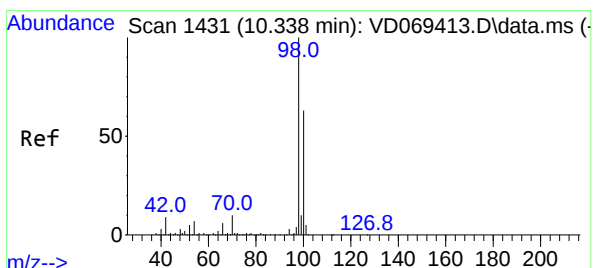
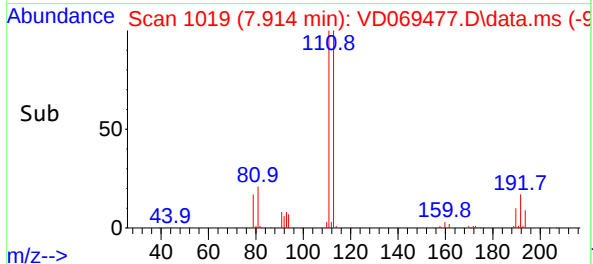
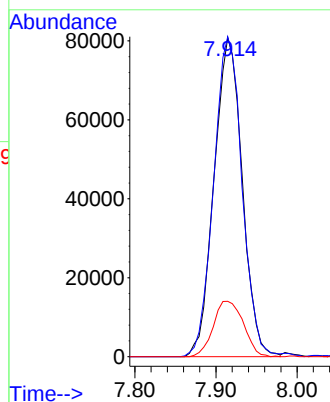
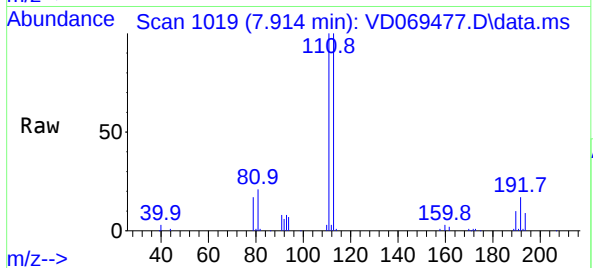


#35

Dibromofluoromethane
Concen: 48.139 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069477.D
Acq: 17 Jun 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
124035

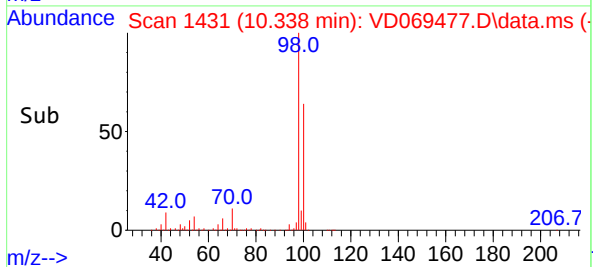
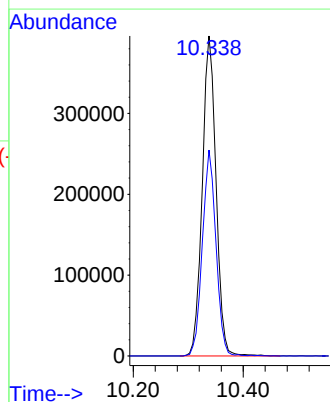
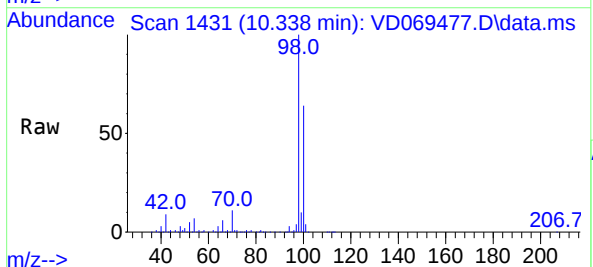
Tgt Ion:113 Resp: 194483
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 18.6 15.1 22.7

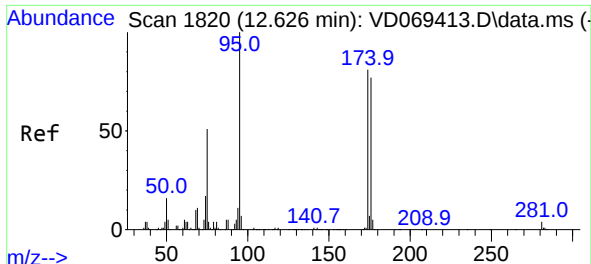


#50

Toluene-d8
Concen: 46.641 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069477.D
Acq: 17 Jun 2021 13:56

Tgt Ion: 98 Resp: 689179
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



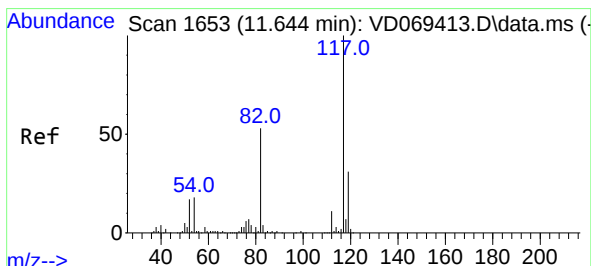
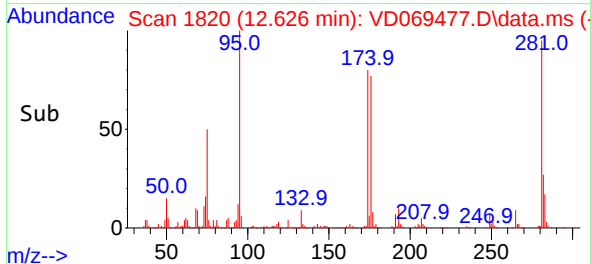
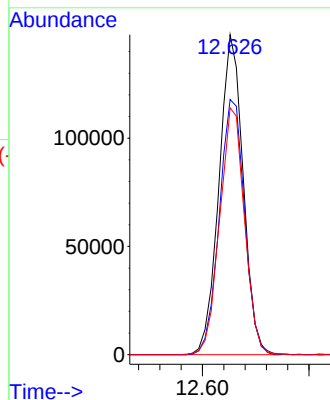
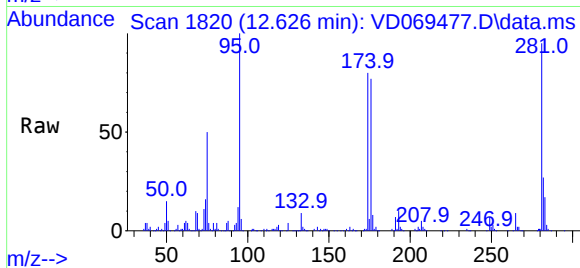


#62
4-Bromofluorobenzene
Concen: 48.872 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069477.D
Acq: 17 Jun 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion: 95 Resp: 231710

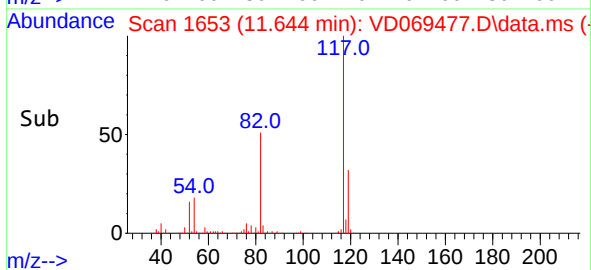
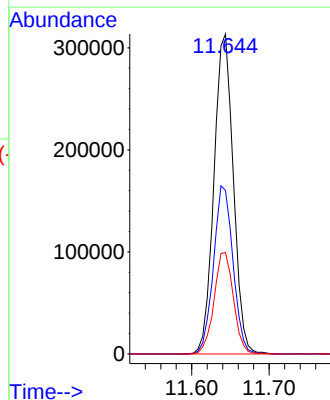
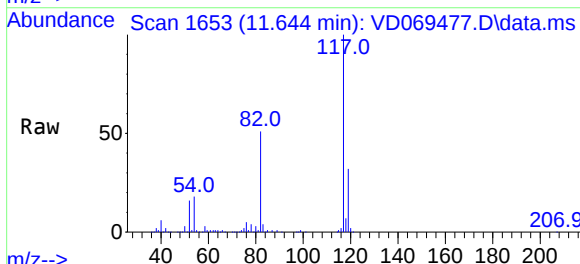
Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	162.8
176	79.4	0.0	154.4

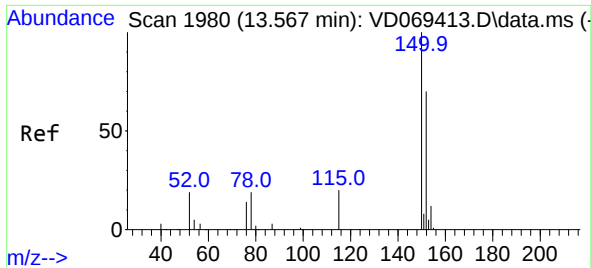


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069477.D
Acq: 17 Jun 2021 13:56

Tgt Ion: 117 Resp: 545458

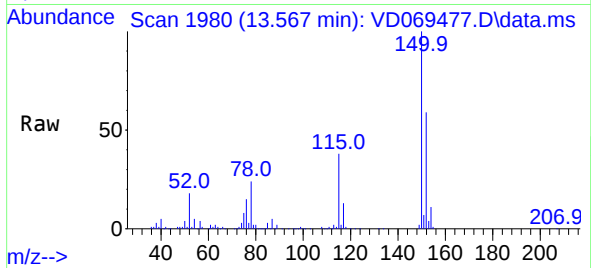
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.3	64.9
119	31.7	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069477.D
Acq: 17 Jun 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
124035



Tgt Ion:	152	Resp:	221459
Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.4	88.3
150	160.1	0.0	355.0

