

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069476.D
 Acq On : 17 Jun 2021 13:27
 Operator : VA/SY
 Sample : M2735-01
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124027

Quant Time: Jun 18 01:25:56 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	7.973	168	54788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	92382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	101398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	46858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	44789	72.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.920%
35) Dibromofluoromethane	7.914	113	40241	58.156	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.320%
50) Toluene-d8	10.337	98	116959	46.215	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.420%
62) 4-Bromofluorobenzene	12.626	95	39880	49.112	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.220%

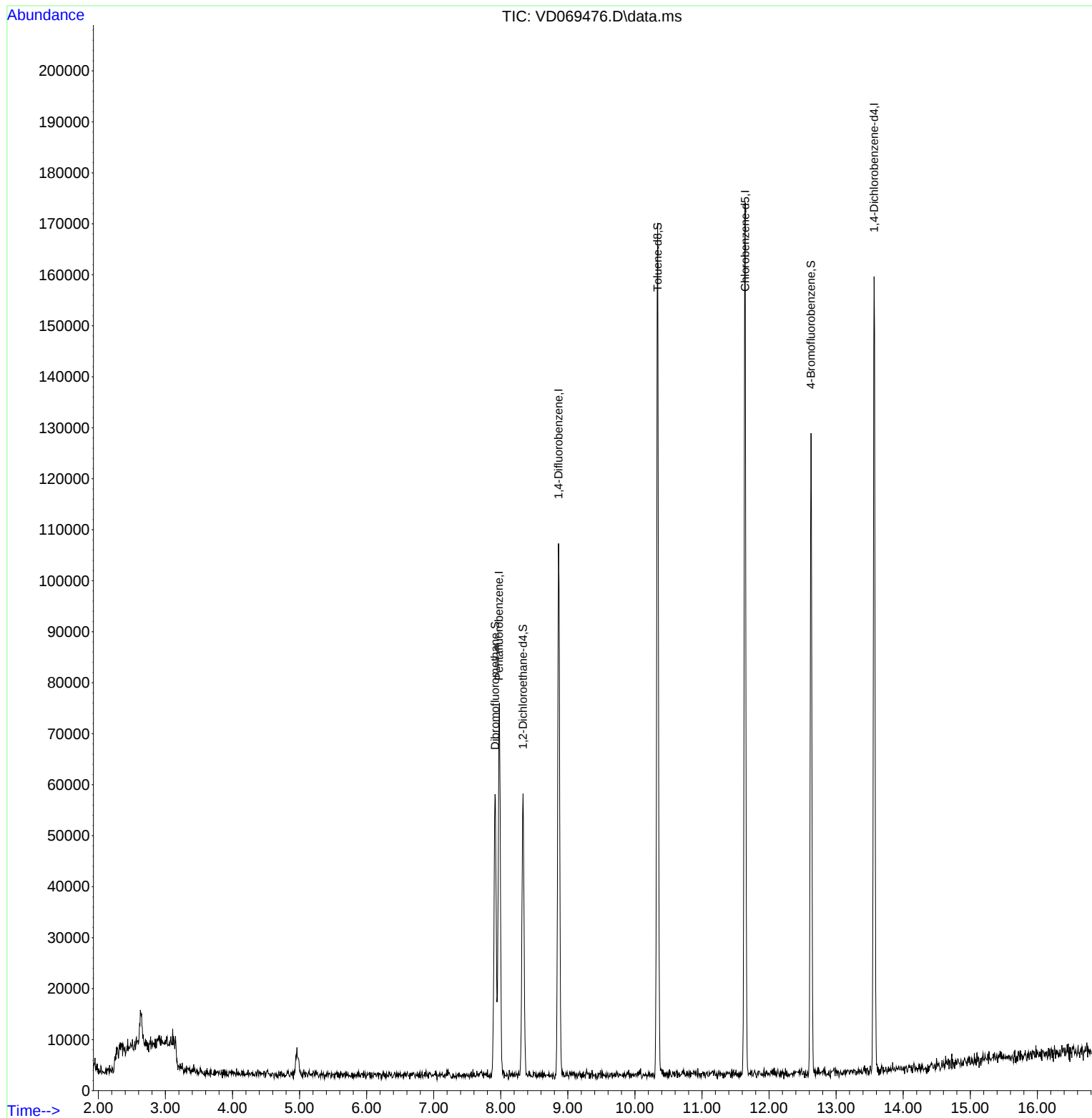
Target Compounds	Qvalue

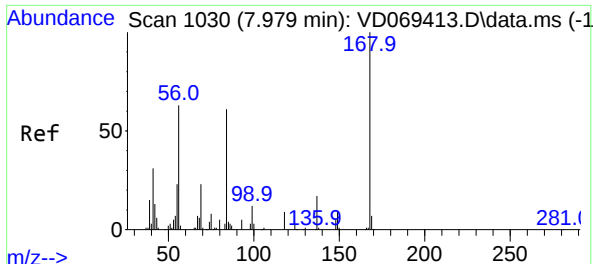
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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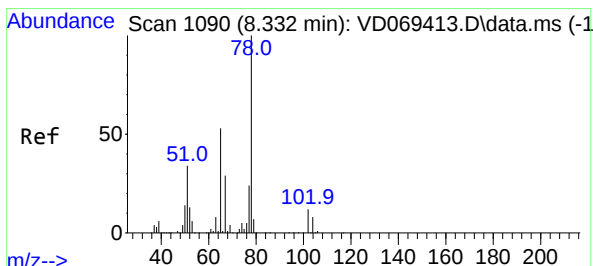
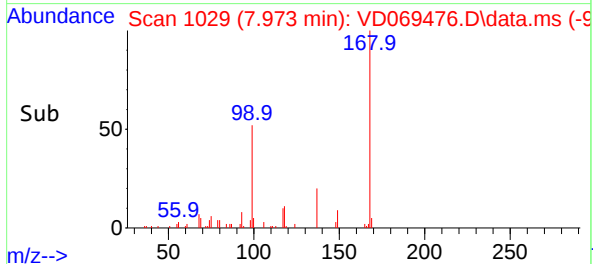
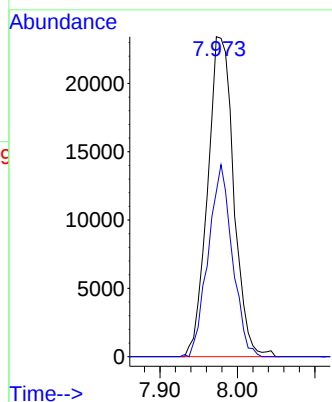
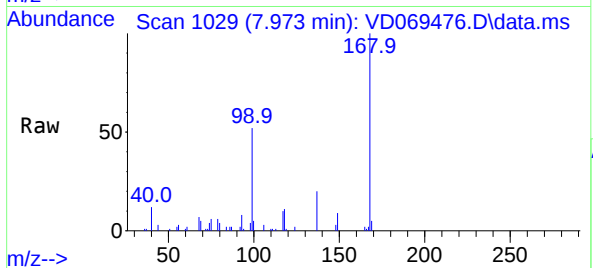




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

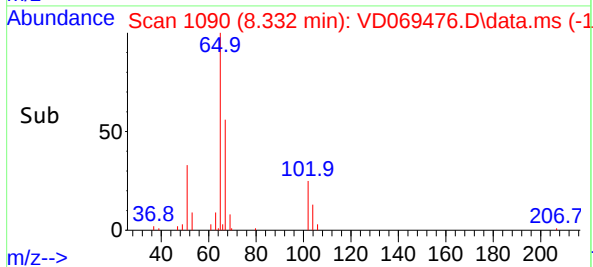
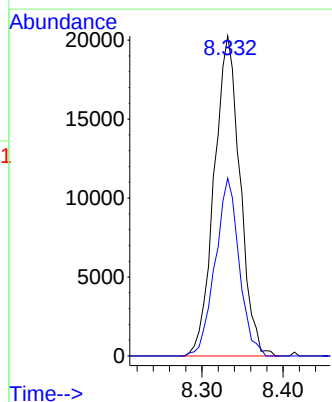
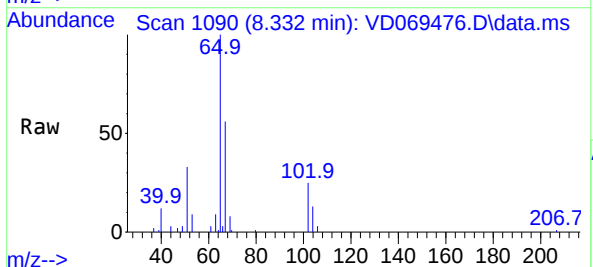
Instrument :
MSVOA_D
ClientSampleId :
124027

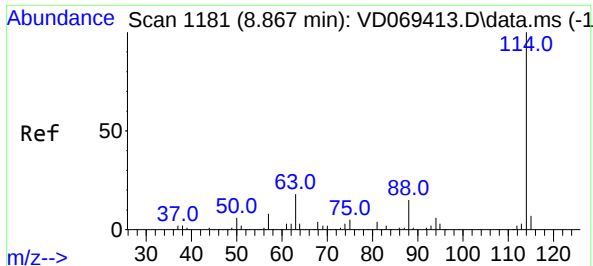
Tgt Ion:168 Resp: 54788
Ion Ratio Lower Upper
168 100
99 51.6 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 72.463 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion: 65 Resp: 44789
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8



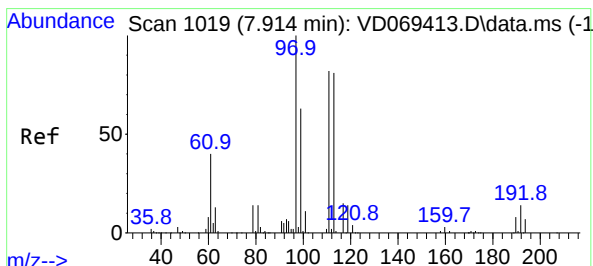
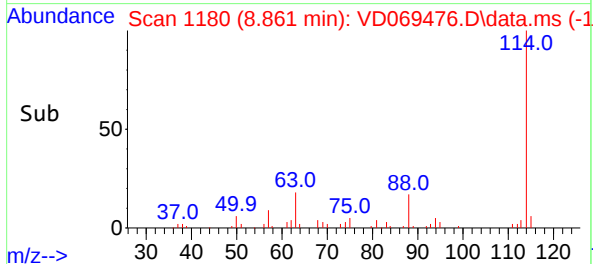
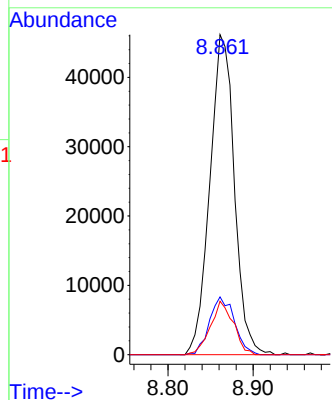
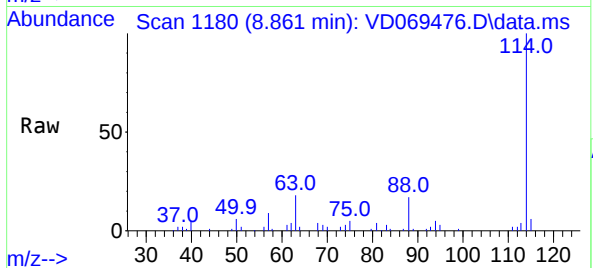


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Instrument :
MSVOA_D
ClientSampleId :
124027

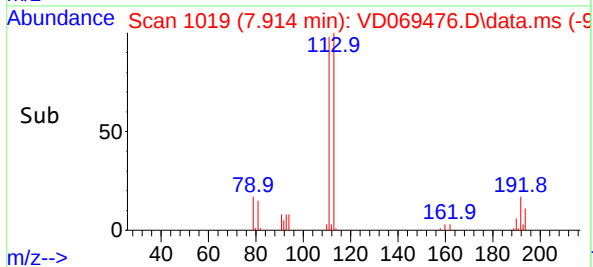
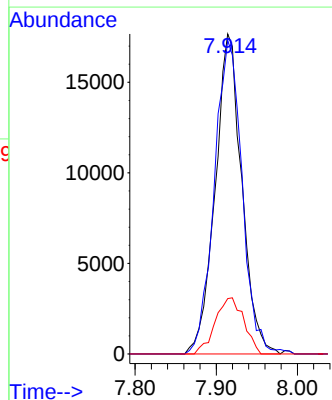
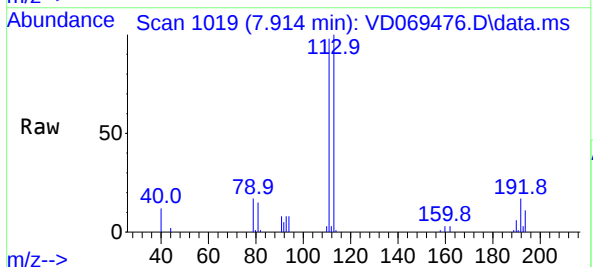
Tgt Ion:114 Resp: 92382
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.6
88 16.7 0.0 31.2

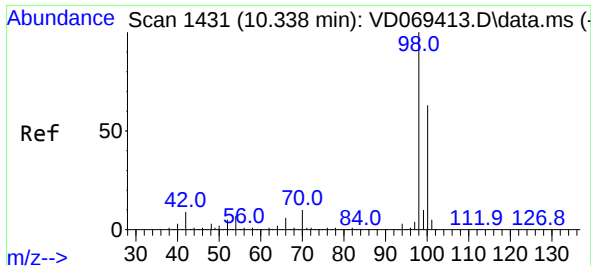


#35

Dibromofluoromethane
Concen: 58.156 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion:113 Resp: 40241
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 18.8 15.1 22.7

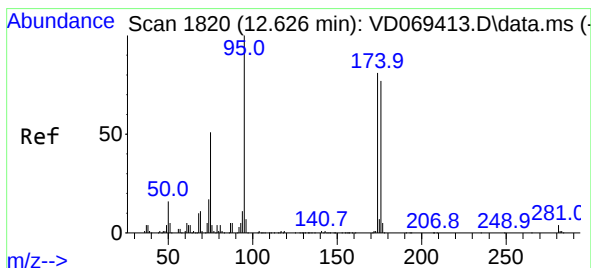
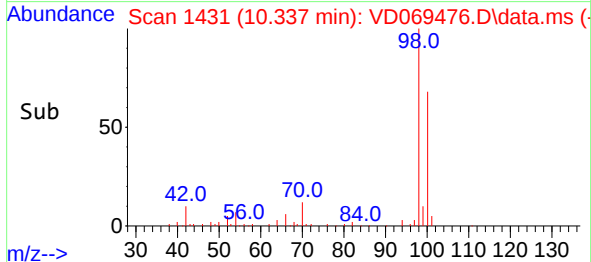
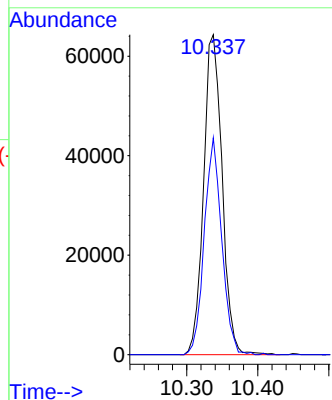
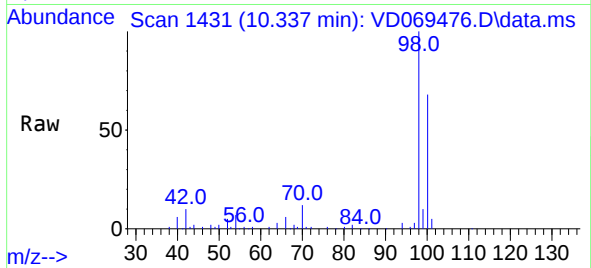




#50
Toluene-d8
Concen: 46.215 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

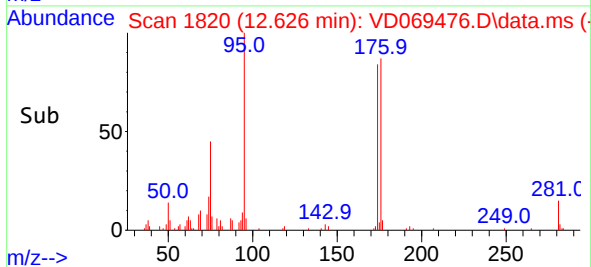
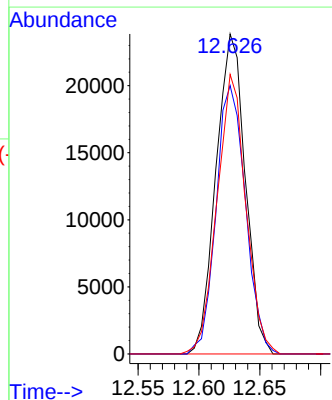
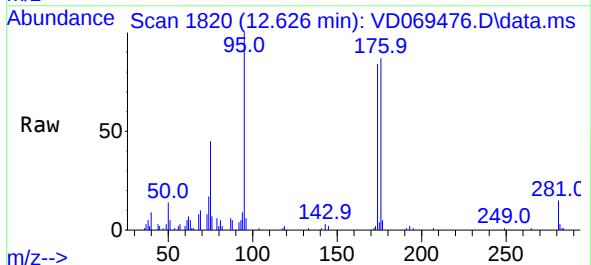
Instrument :
MSVOA_D
ClientSampleId :
124027

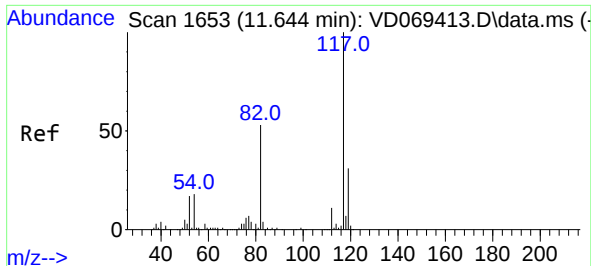
Tgt Ion: 98 Resp: 116959
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.112 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion: 95 Resp: 39880
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.8
176 85.9 0.0 154.4

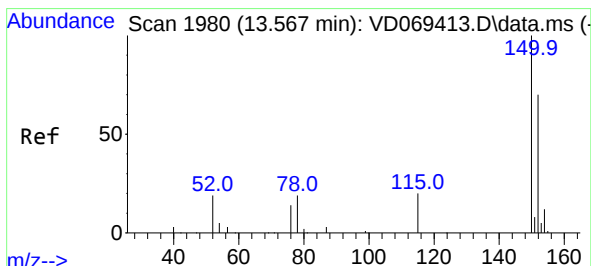
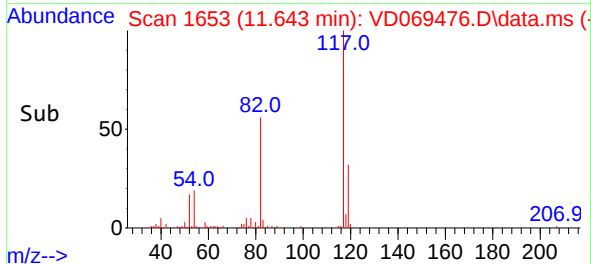
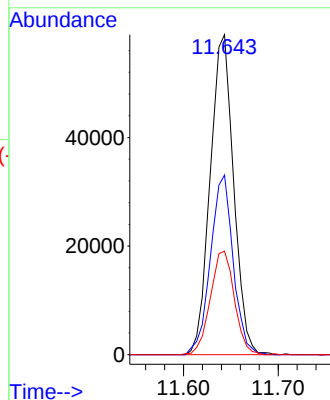
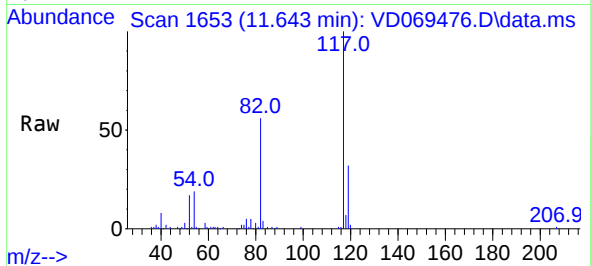




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Instrument :
MSVOA_D
ClientSampleId :
124027

Tgt Ion:	117	Resp:	101398
Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.3	64.9
119	32.3	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: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion:	152	Resp:	46858
Ion	Ratio	Lower	Upper
152	100		
115	53.7	29.4	88.3
150	158.4	0.0	355.0

