

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069474.D
 Acq On : 17 Jun 2021 12:30
 Operator : VA/SY
 Sample : M2738-01
 Misc : 5.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-061621

Quant Time: Jun 18 01:25:24 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	23569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	42439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	45981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	19802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	21647	81.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.820%
35) Dibromofluoromethane	7.920	113	15462	48.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.338	98	51887	44.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.626	95	16587	44.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.940%

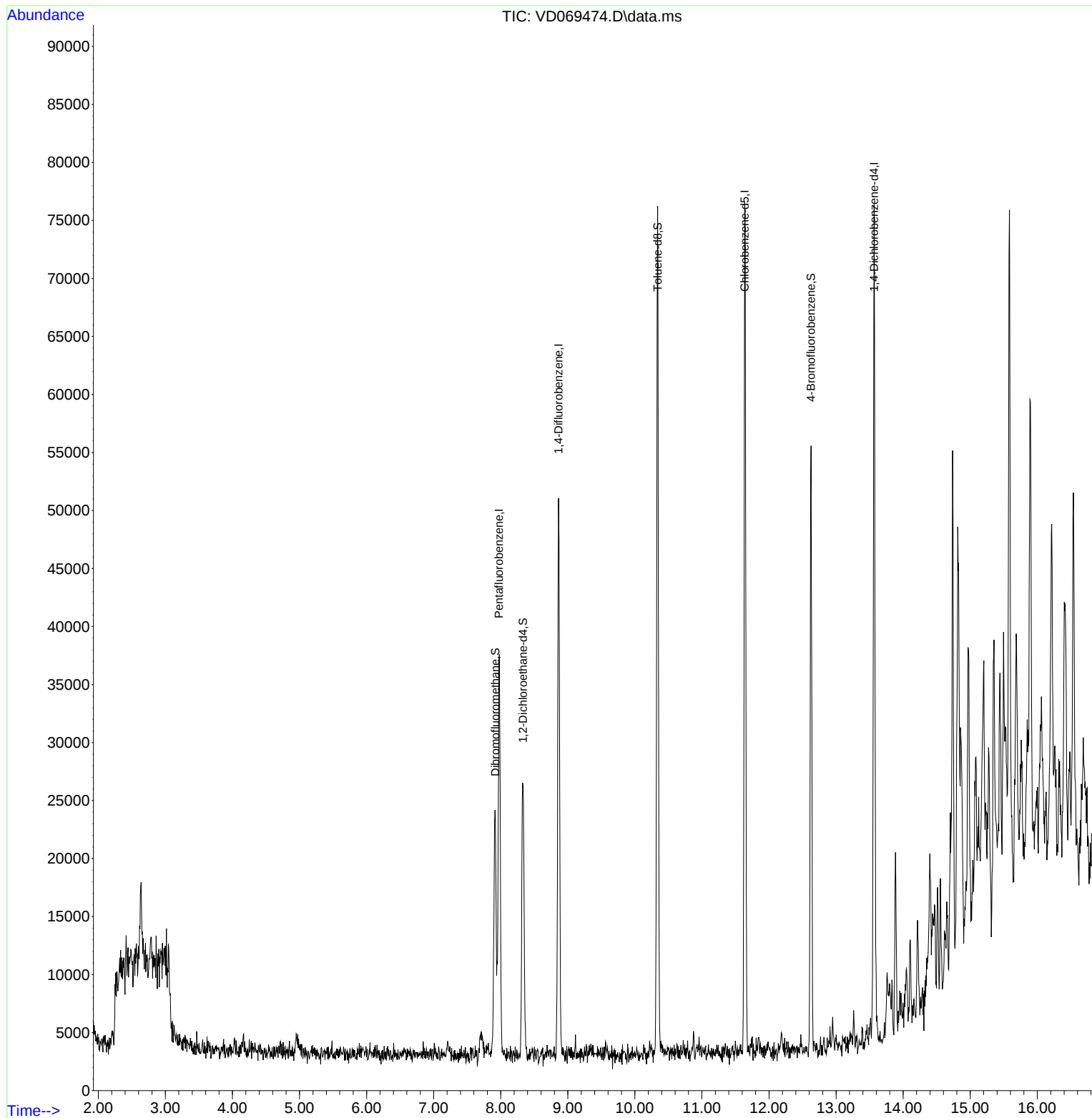
Target Compounds	Qvalue

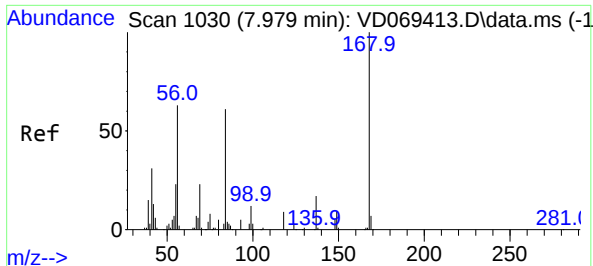
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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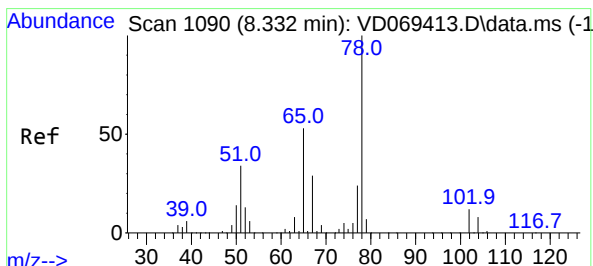
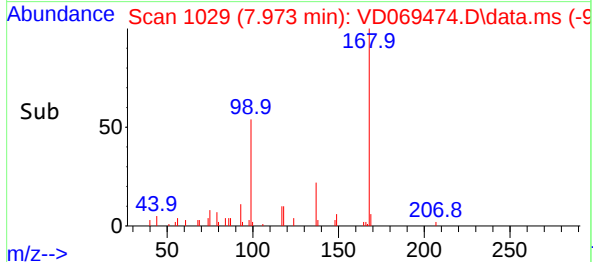
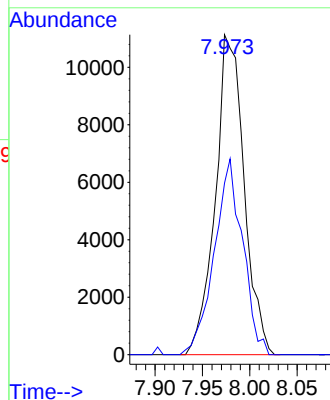
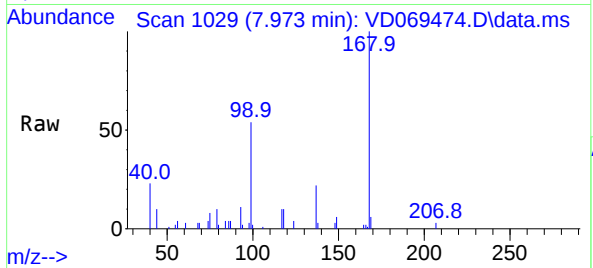




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069474.D
Acq: 17 Jun 2021 12:30

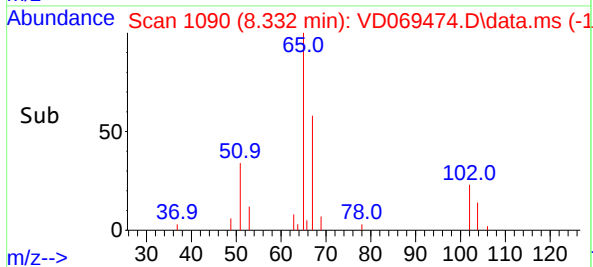
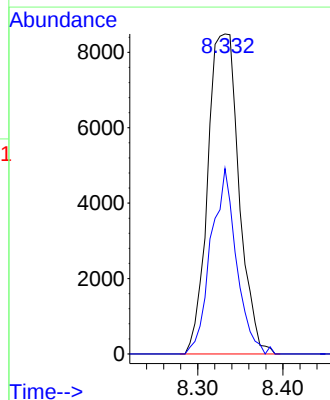
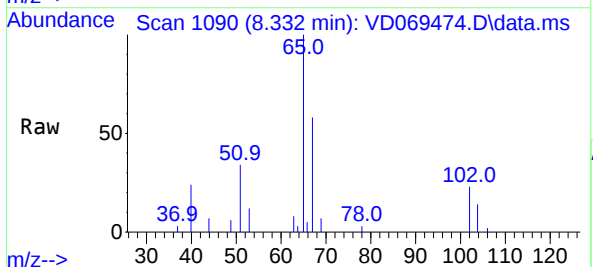
Instrument :
MSVOA_D
ClientSampleId :
HD-01-061621

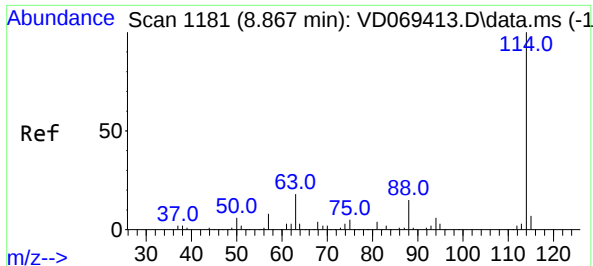
Tgt Ion:168 Resp: 23569
Ion Ratio Lower Upper
168 100
99 53.6 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 81.412 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069474.D
Acq: 17 Jun 2021 12:30

Tgt Ion: 65 Resp: 21647
Ion Ratio Lower Upper
65 100
67 47.5 0.0 105.8



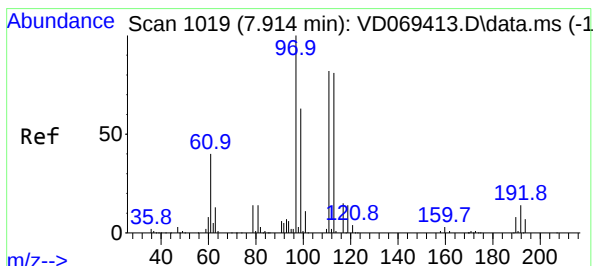
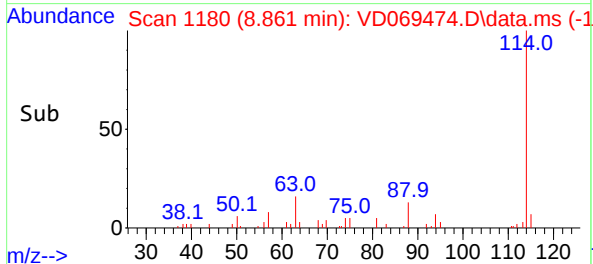
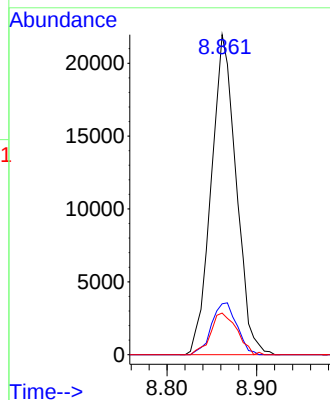
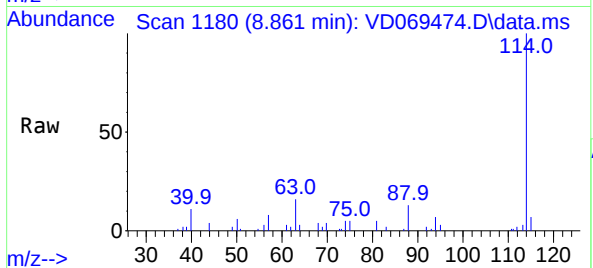


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069474.D
Acq: 17 Jun 2021 12:30

Instrument :
MSVOA_D
ClientSampleId :
HD-01-061621

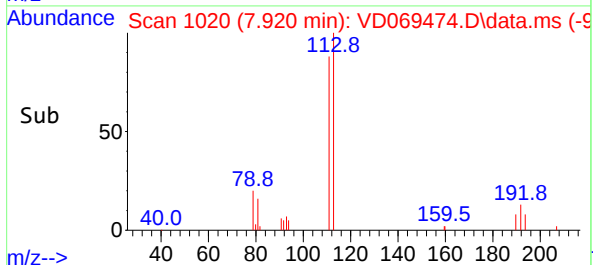
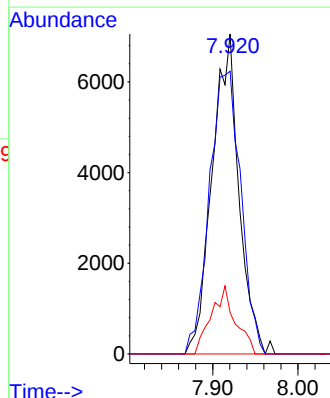
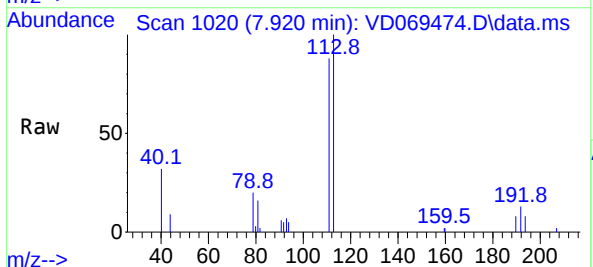
Tgt Ion:114	Resp:	42439
Ion Ratio	Lower	Upper
114	100	
63	15.9	0.0 35.6
88	13.0	0.0 31.2

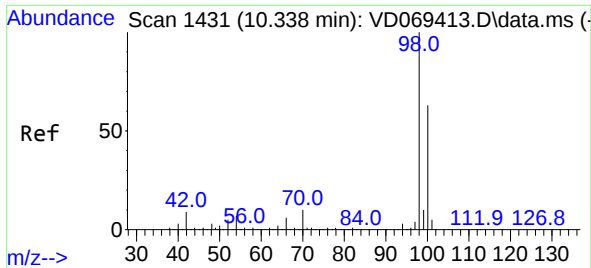


#35

Dibromofluoromethane
Concen: 48.643 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069474.D
Acq: 17 Jun 2021 12:30

Tgt Ion:113	Resp:	15462
Ion Ratio	Lower	Upper
113	100	
111	102.6	83.0 124.6
192	19.0	15.1 22.7

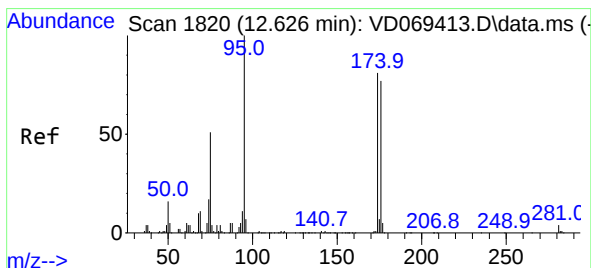
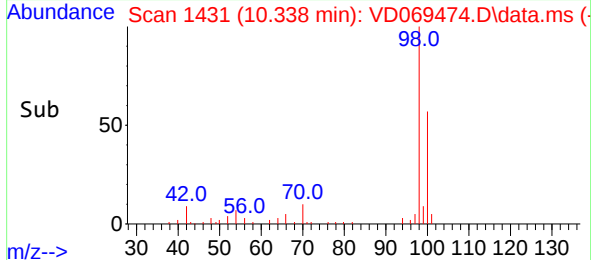
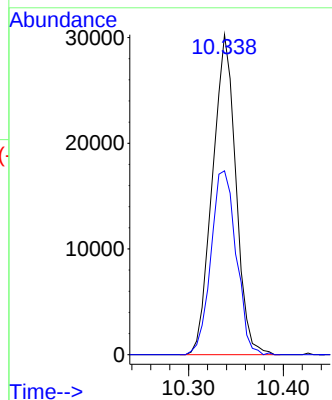
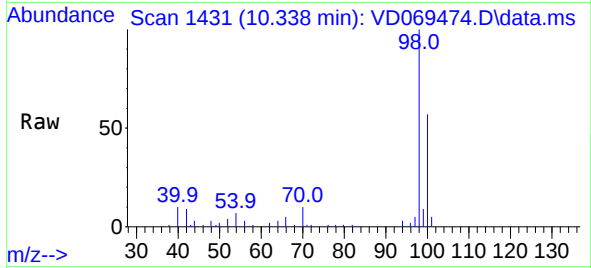




#50
Toluene-d8
Concen: 44.630 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069474.D
Acq: 17 Jun 2021 12:30

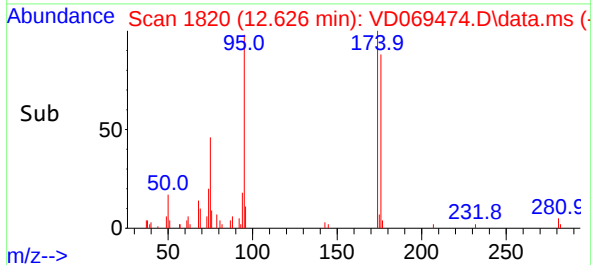
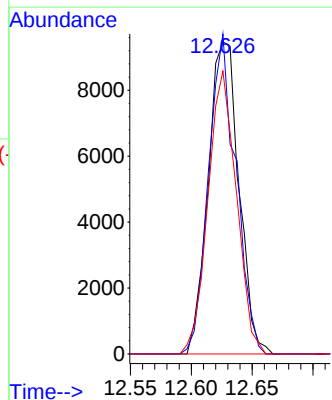
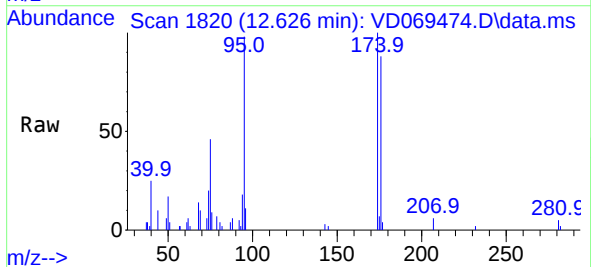
Instrument :
MSVOA_D
ClientSampleId :
HD-01-061621

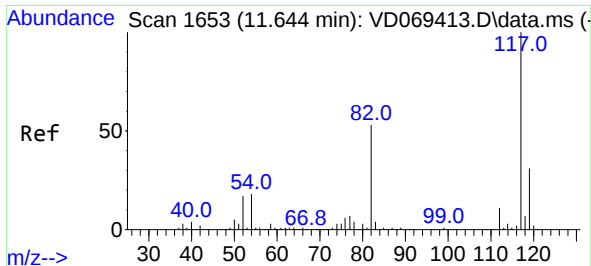
Tgt Ion: 98 Resp: 51887
Ion Ratio Lower Upper
98 100
100 62.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.465 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069474.D
Acq: 17 Jun 2021 12:30

Tgt Ion: 95 Resp: 16587
Ion Ratio Lower Upper
95 100
174 91.7 0.0 162.8
176 83.7 0.0 154.4



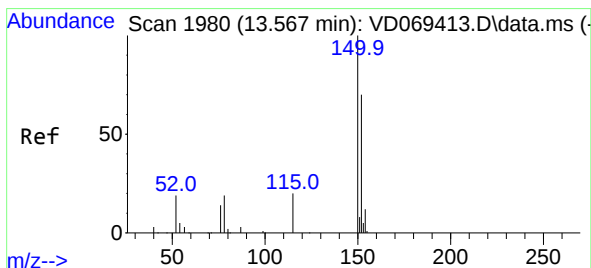
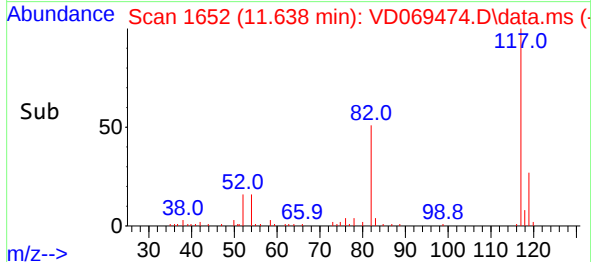
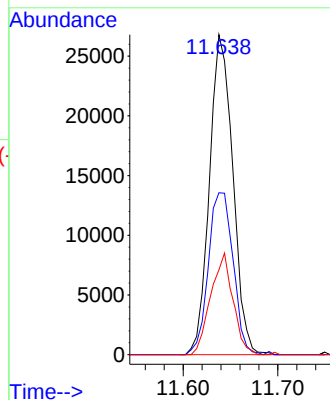
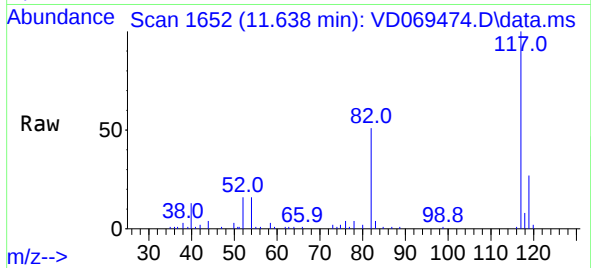


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069474.D
Acq: 17 Jun 2021 12:30

Instrument :
MSVOA_D
ClientSampleId :
HD-01-061621

Tgt Ion:117 Resp: 45981

Ion	Ratio	Lower	Upper
117	100		
82	50.6	43.3	64.9
119	26.5	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: VD069474.D
Acq: 17 Jun 2021 12:30

Tgt Ion:152 Resp: 19802

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.4	88.3
150	151.3	0.0	355.0

