

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072916.D
 Acq On : 10 May 2022 16:03
 Operator : VA/SY
 Sample : N2738-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2474

Quant Time: May 11 05:51:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	357978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	668537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	631828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	271233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207412	44.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.280%
35) Dibromofluoromethane	7.908	113	221142	47.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.332	98	807215	47.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.620	95	283333	45.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.240%

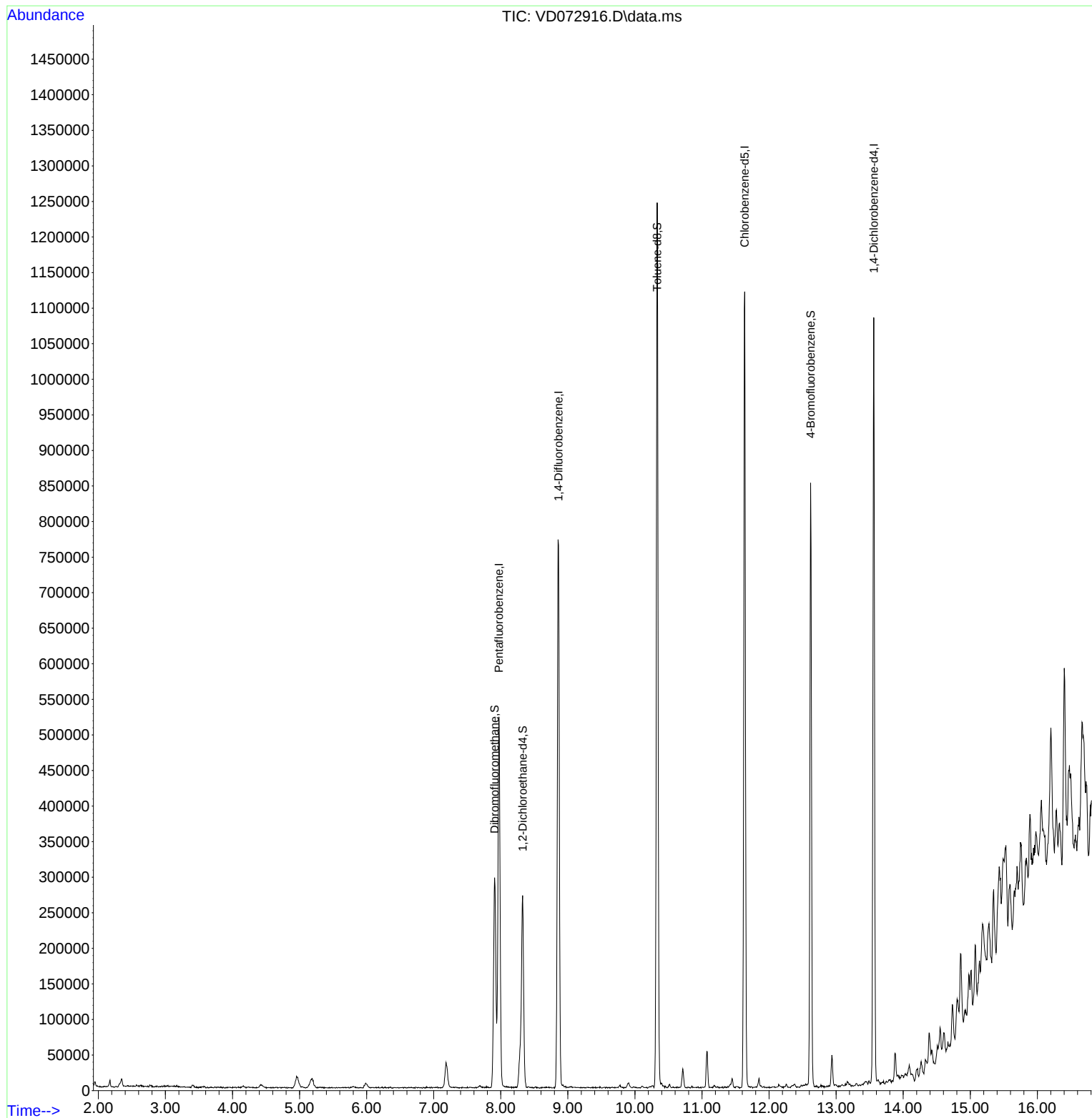
Target Compounds	Qvalue

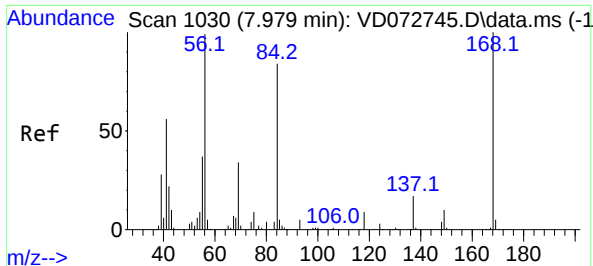
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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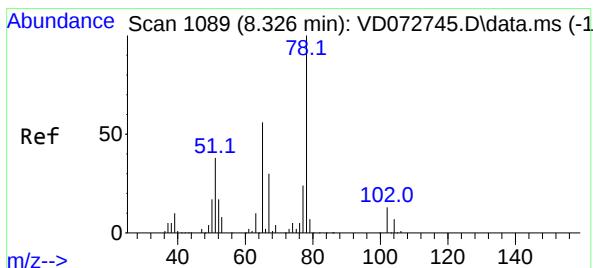
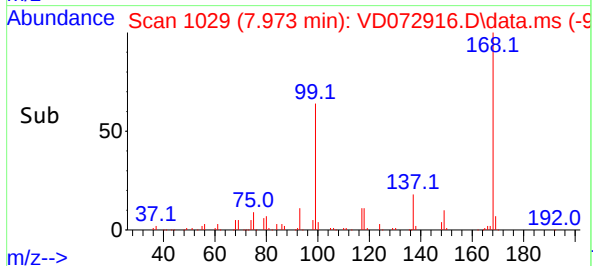
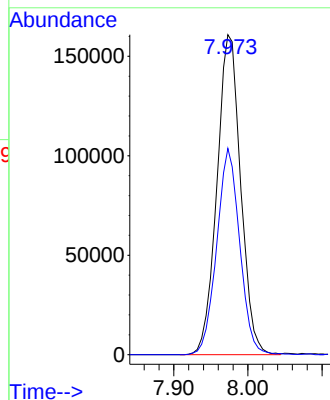
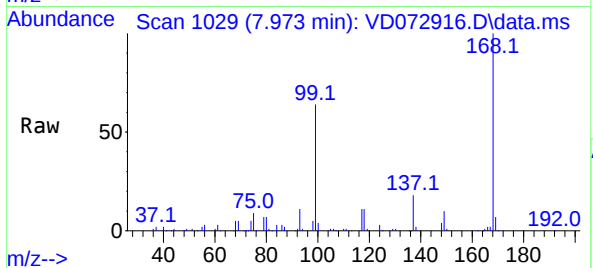




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072916.D
Acq: 10 May 2022 16:03

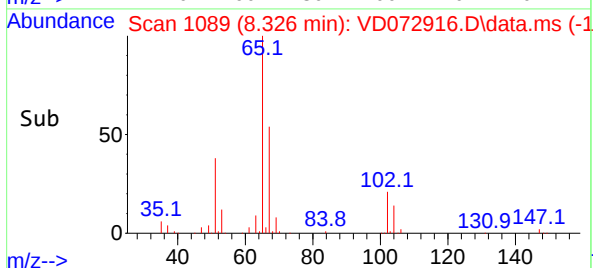
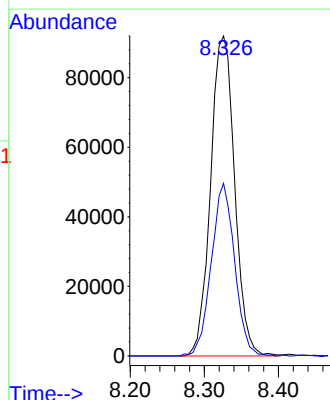
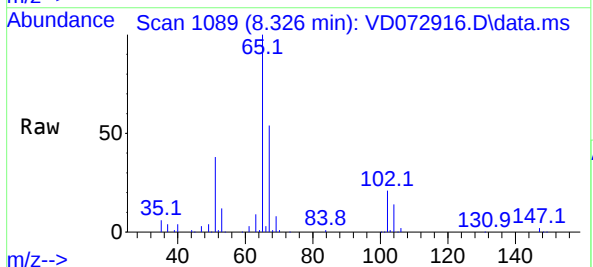
Instrument :
MSVOA_D
ClientSampleId :
2474

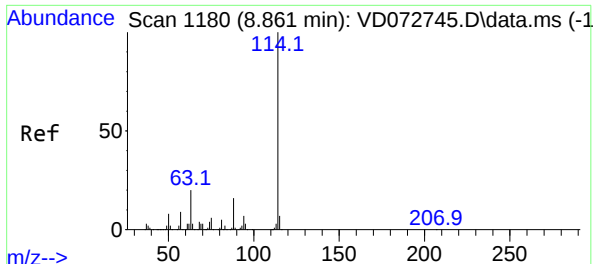
Tgt Ion:168 Resp: 357978
Ion Ratio Lower Upper
168 100
99 64.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.635 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072916.D
Acq: 10 May 2022 16:03

Tgt Ion: 65 Resp: 207412
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4



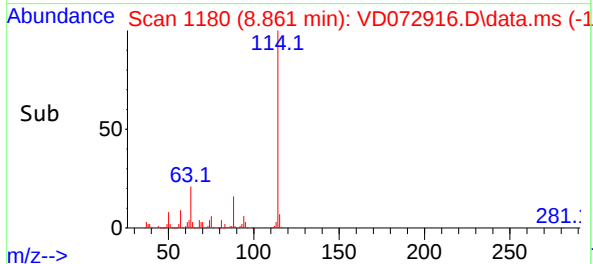
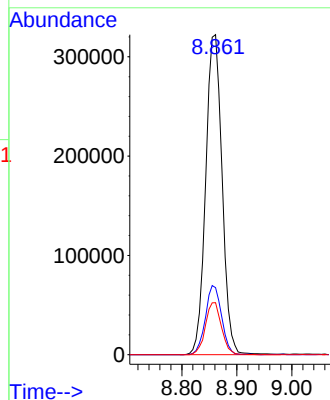
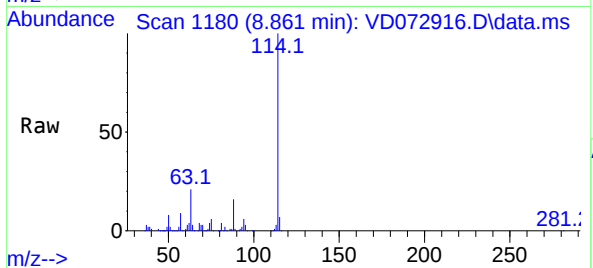


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072916.D
Acq: 10 May 2022 16:03

Instrument :
MSVOA_D
ClientSampleId :
2474

Tgt Ion:114 Resp: 668537

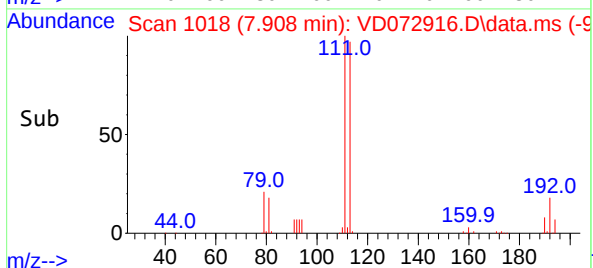
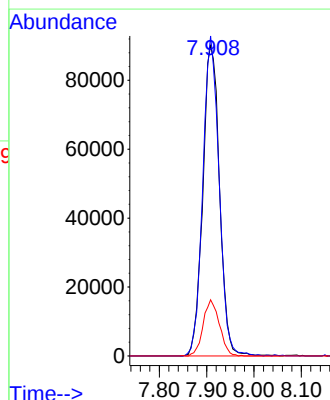
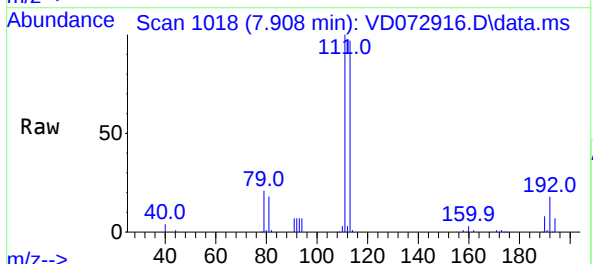
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	46.6
88	16.3	0.0	33.2

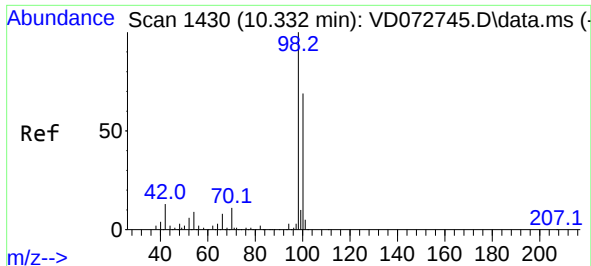


#35
Dibromofluoromethane
Concen: 47.100 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072916.D
Acq: 10 May 2022 16:03

Tgt Ion:113 Resp: 221142

Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.8	125.6
192	17.6	14.6	21.8

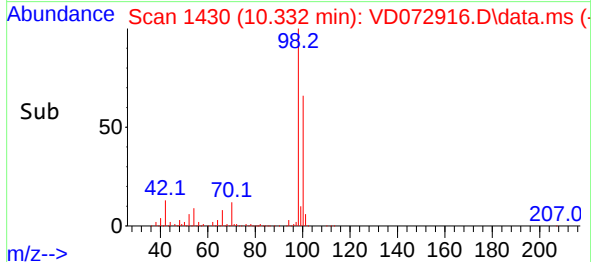
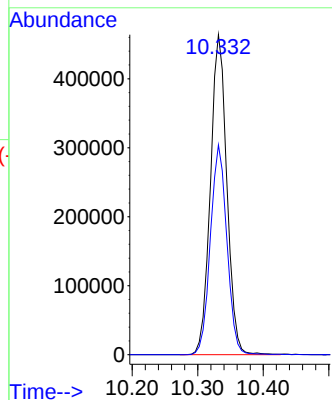
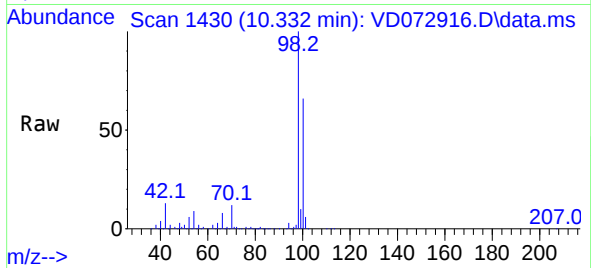




#50
Toluene-d8
Concen: 47.928 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072916.D
Acq: 10 May 2022 16:03

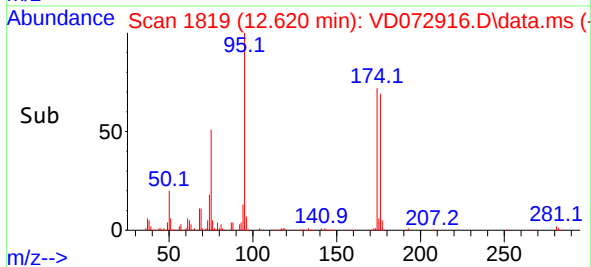
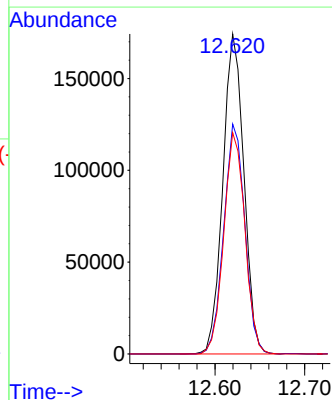
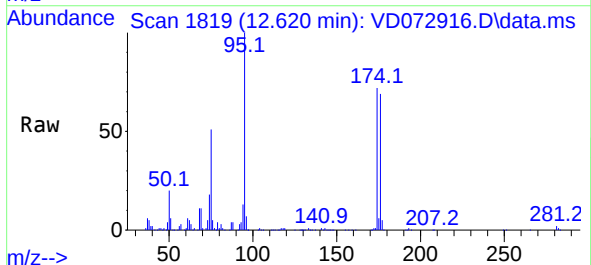
Instrument :
MSVOA_D
ClientSampleId :
2474

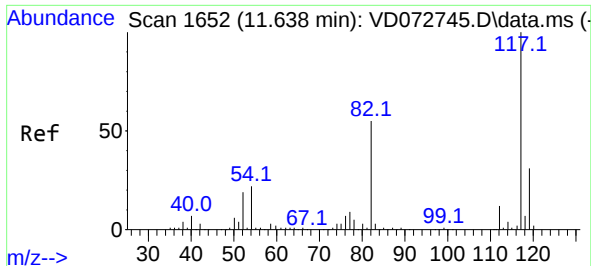
Tgt Ion: 98 Resp: 807215
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.117 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072916.D
Acq: 10 May 2022 16:03

Tgt Ion: 95 Resp: 283333
Ion Ratio Lower Upper
95 100
174 72.1 0.0 152.8
176 69.5 0.0 145.4

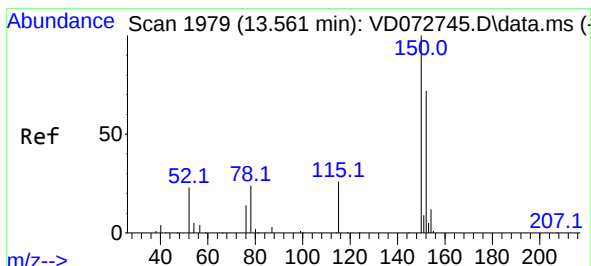
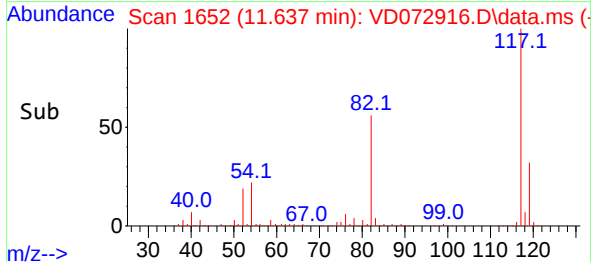
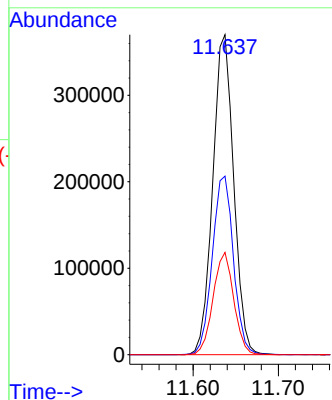
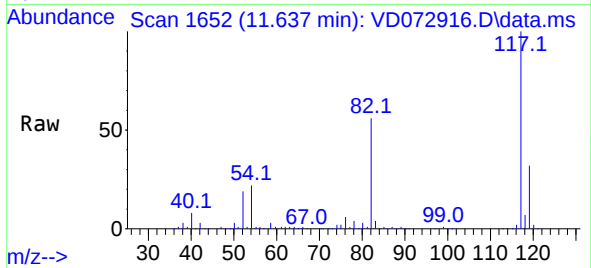




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD072916.D
Acq: 10 May 2022 16:03

Instrument :
MSVOA_D
ClientSampleId :
2474

Tgt Ion:117 Resp: 631828
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 32.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072916.D
Acq: 10 May 2022 16:03

Tgt Ion:152 Resp: 271233
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 157.6 0.0 348.6

