

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072598.D
 Acq On : 18 Apr 2022 15:29
 Operator : VA/SY
 Sample : N2426-04
 Misc : 5.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PX-4

Quant Time: Apr 19 02:50:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	188654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	360500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	369959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	170159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153291	67.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.340%
35) Dibromofluoromethane	7.908	113	135838	48.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.331	98	430860	44.243	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.480%
62) 4-Bromofluorobenzene	12.620	95	160703	42.253	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.500%

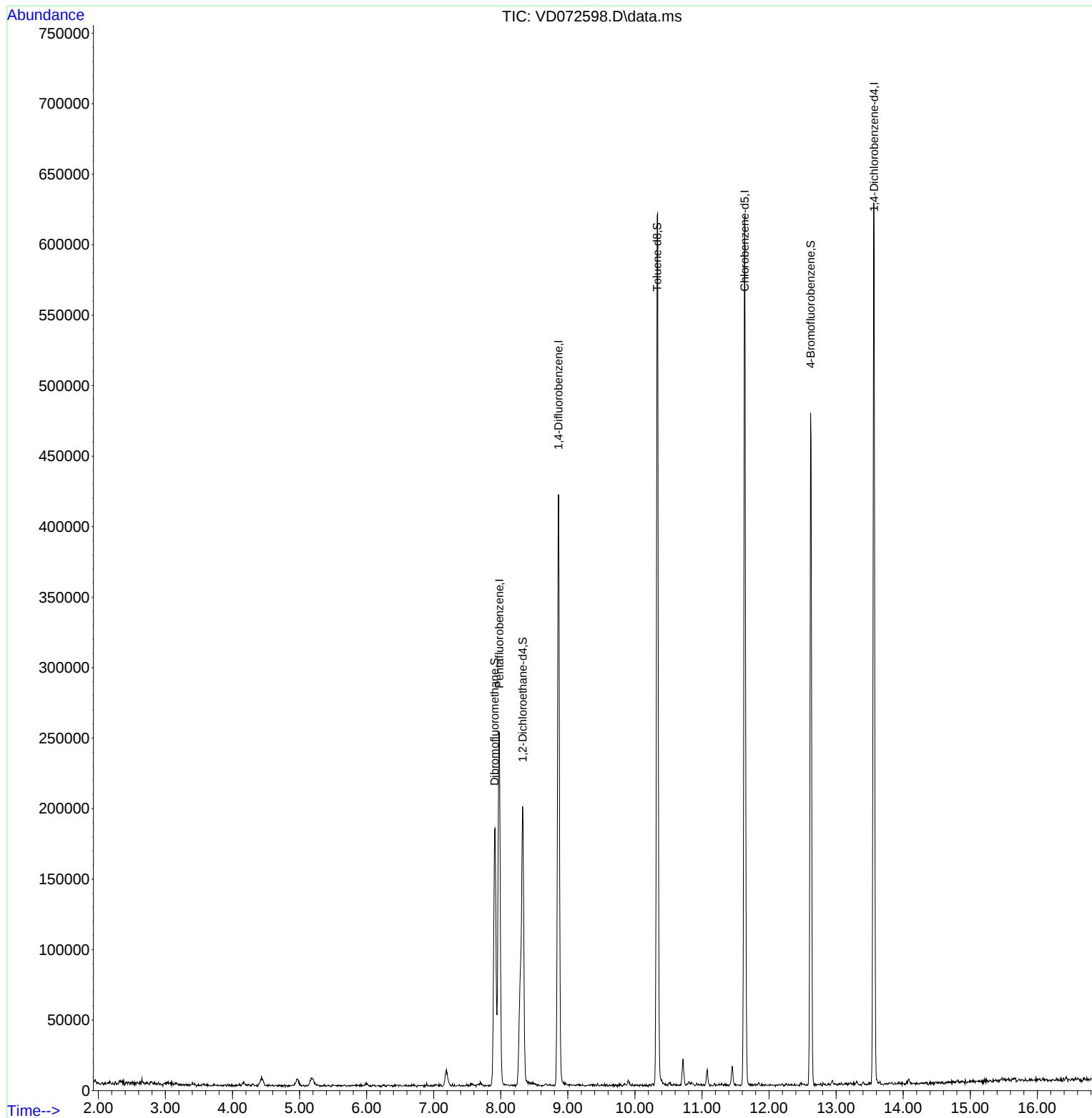
Target Compounds	Qvalue

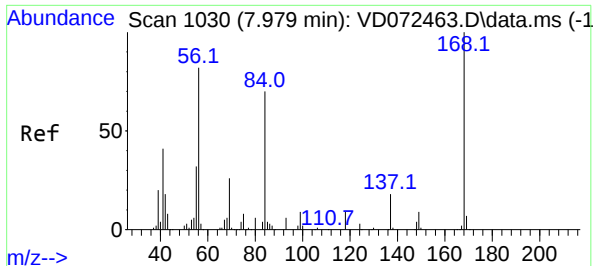
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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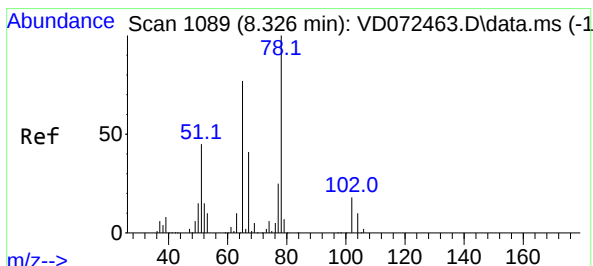
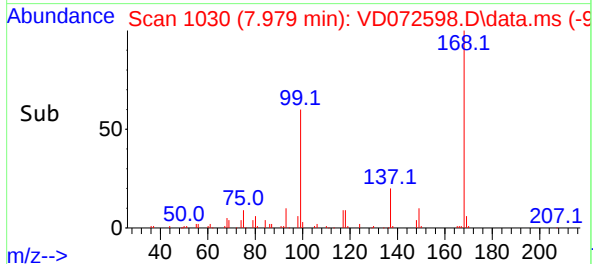
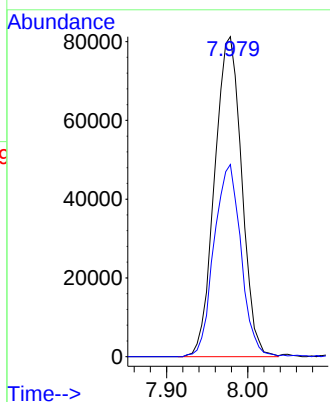
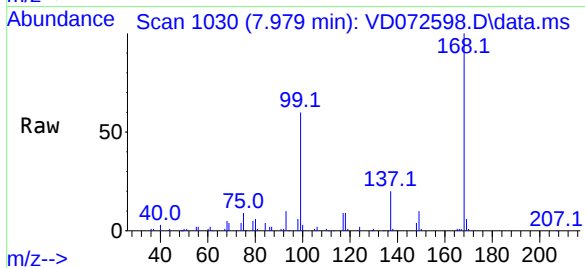




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072598.D
Acq: 18 Apr 2022 15:29

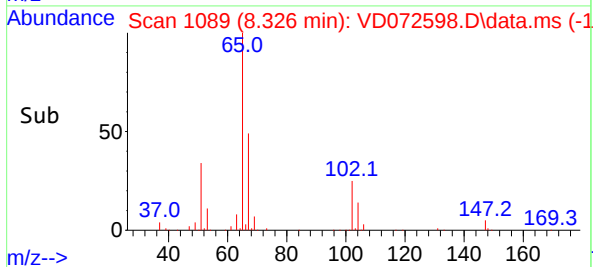
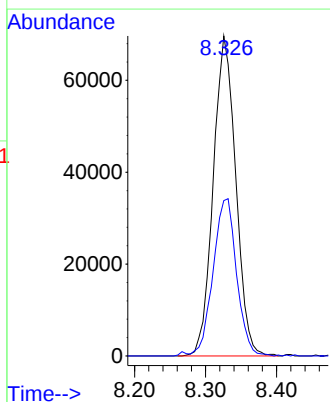
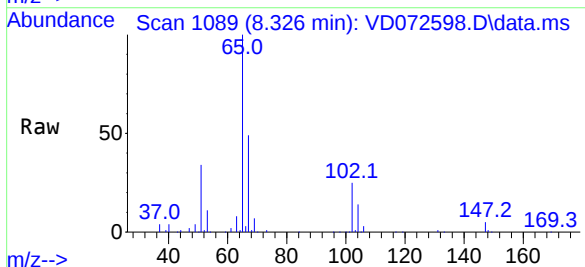
Instrument :
MSVOA_D
ClientSampleId :
PX-4

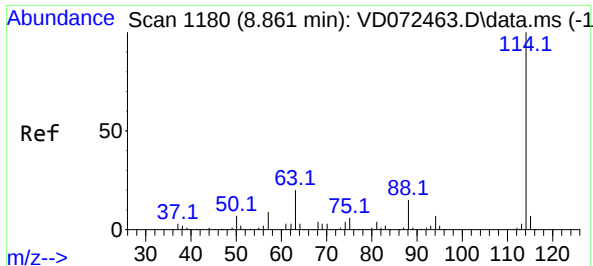
Tgt Ion:168 Resp: 188654
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 67.170 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072598.D
Acq: 18 Apr 2022 15:29

Tgt Ion: 65 Resp: 153291
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4

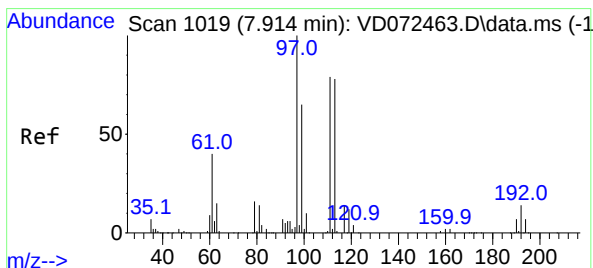
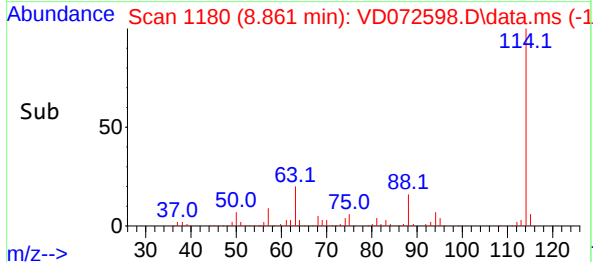
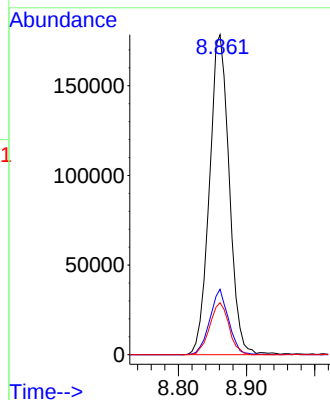
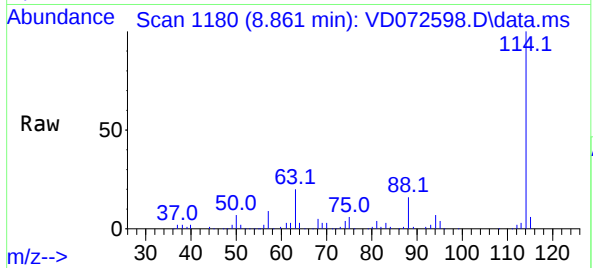




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072598.D
Acq: 18 Apr 2022 15:29

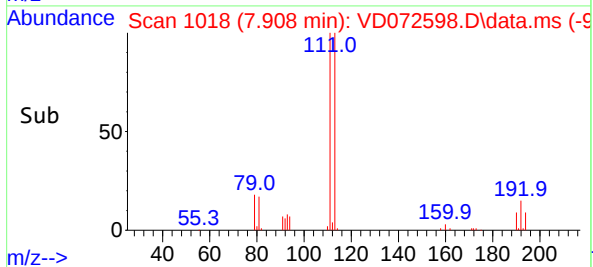
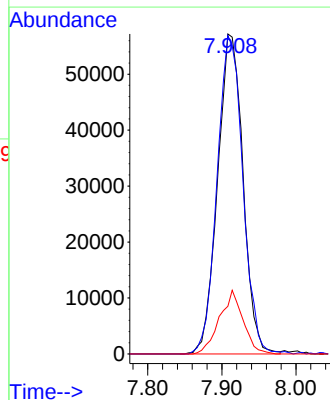
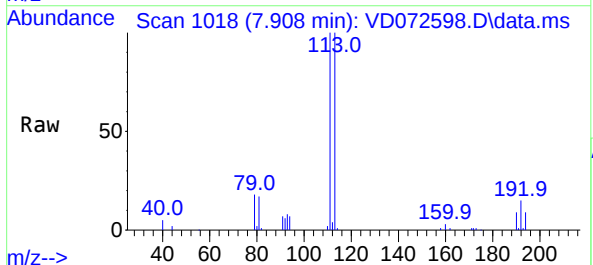
Instrument :
MSVOA_D
ClientSampleId :
PX-4

Tgt Ion:114 Resp: 360500
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.486 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072598.D
Acq: 18 Apr 2022 15:29

Tgt Ion:113 Resp: 135838
Ion Ratio Lower Upper
113 100
111 100.9 83.8 125.6
192 18.5 14.6 21.8

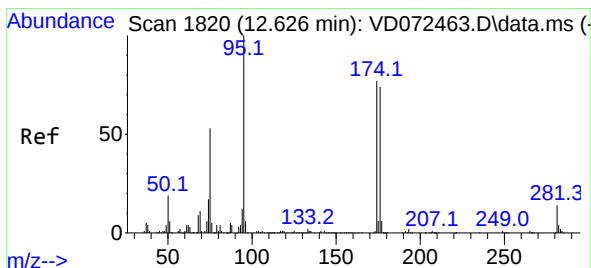
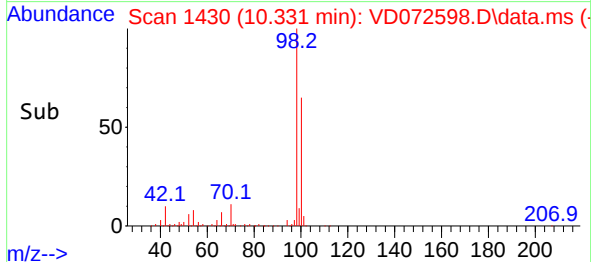
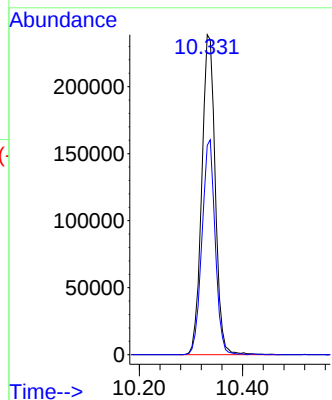
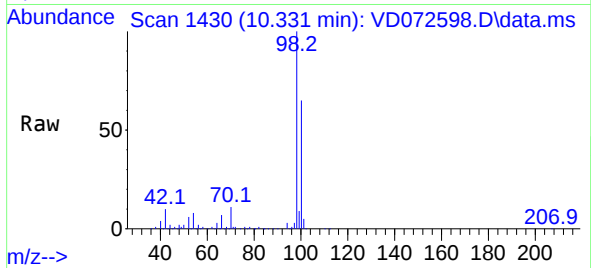




#50
Toluene-d8
Concen: 44.243 ug/l
RT: 10.331 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072598.D
Acq: 18 Apr 2022 15:29

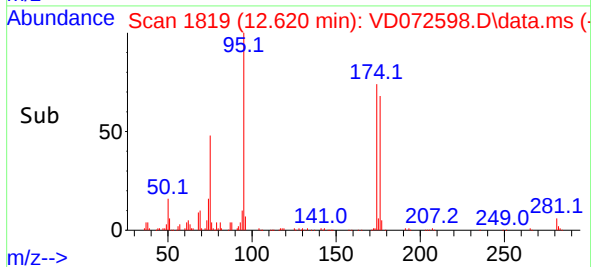
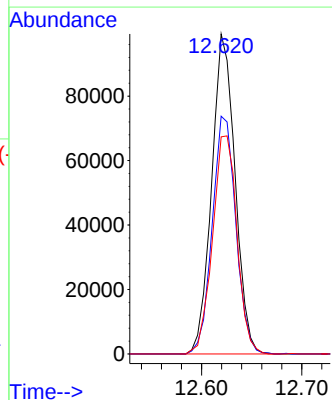
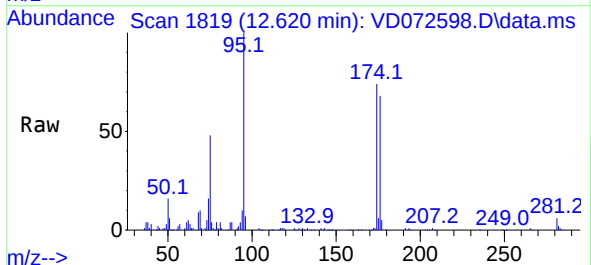
Instrument :
MSVOA_D
ClientSampleId :
PX-4

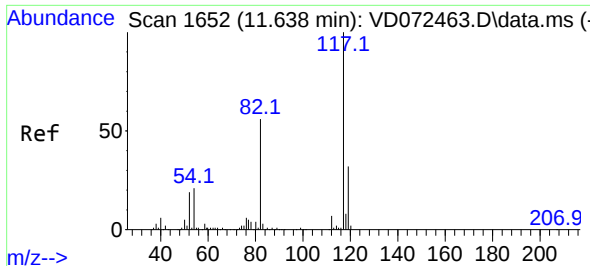
Tgt Ion: 98 Resp: 430860
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.253 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072598.D
Acq: 18 Apr 2022 15:29

Tgt Ion: 95 Resp: 160703
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 71.3 0.0 145.4

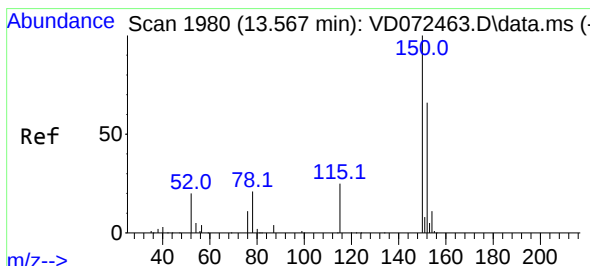
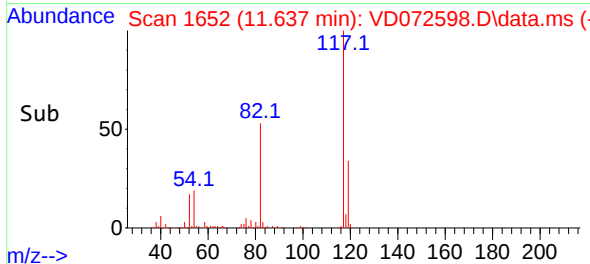
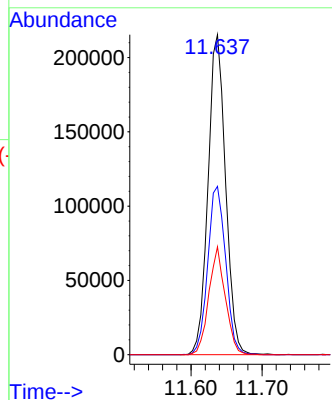
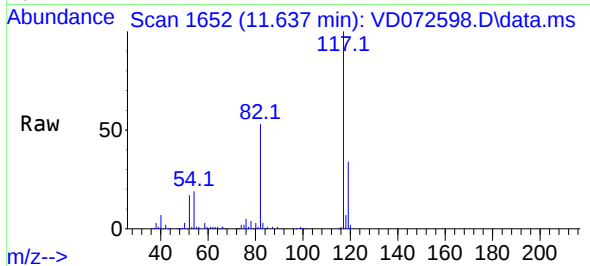




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072598.D
Acq: 18 Apr 2022 15:29

Instrument :
MSVOA_D
ClientSampleId :
PX-4

Tgt Ion:117 Resp: 369959
Ion Ratio Lower Upper
117 100
82 52.6 45.3 67.9
119 33.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072598.D
Acq: 18 Apr 2022 15:29

Tgt Ion:152 Resp: 170159
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 156.3 0.0 348.6

