

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071756.D
 Acq On : 20 Jan 2022 11:24
 Operator : VA/SY
 Sample : VD0120SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL01

Quant Time: Jan 21 03:14:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	258223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	461348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	423937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	184608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	196319	59.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.180%
35) Dibromofluoromethane	7.914	113	167736	55.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.020%
50) Toluene-d8	10.332	98	596441	52.259	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.520%
62) 4-Bromofluorobenzene	12.620	95	189584	47.140	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.280%

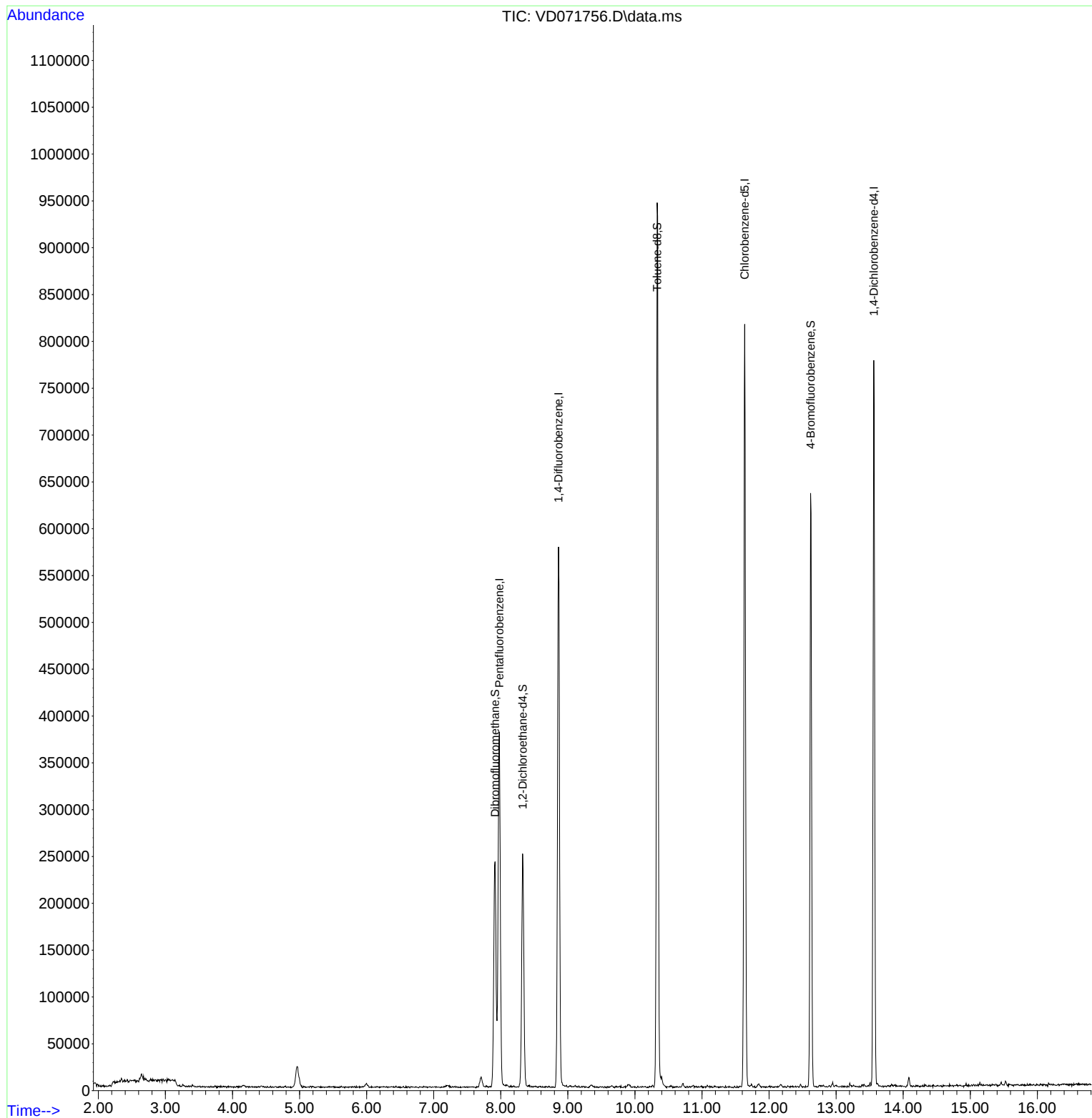
Target Compounds	Qvalue

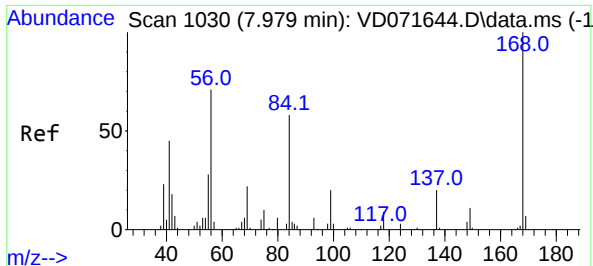
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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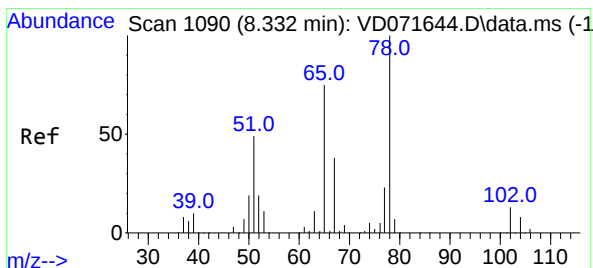
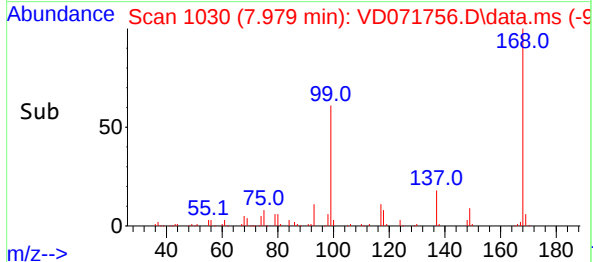
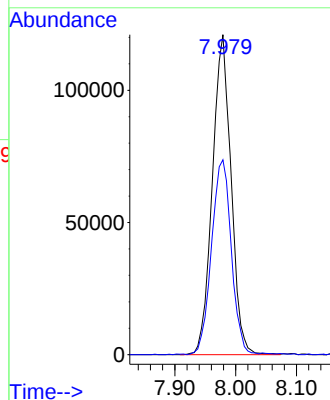
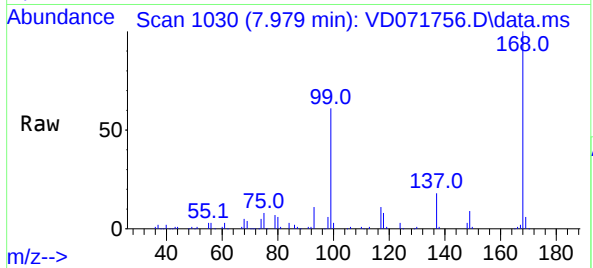




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

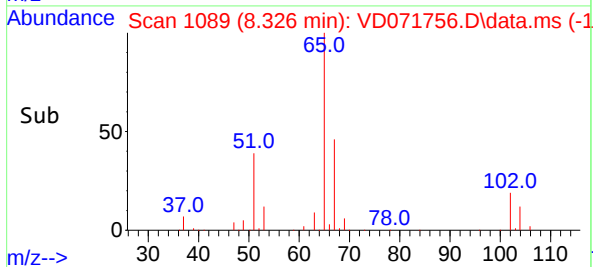
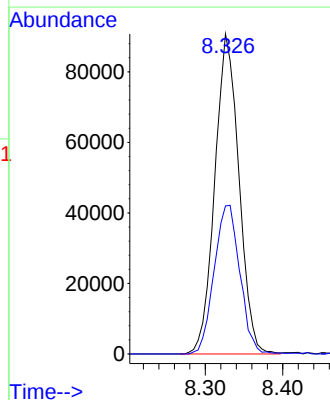
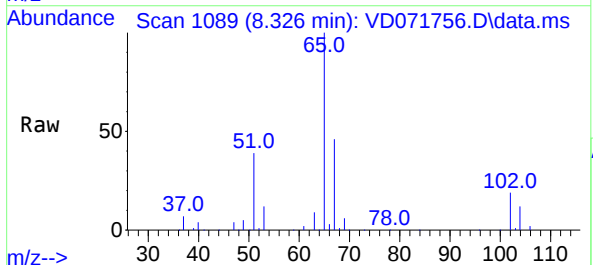
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

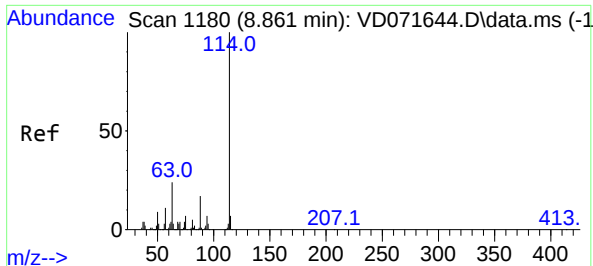
Tgt Ion:168 Resp: 258223
Ion Ratio Lower Upper
168 100
99 60.7 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 59.086 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

Tgt Ion: 65 Resp: 196319
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.2

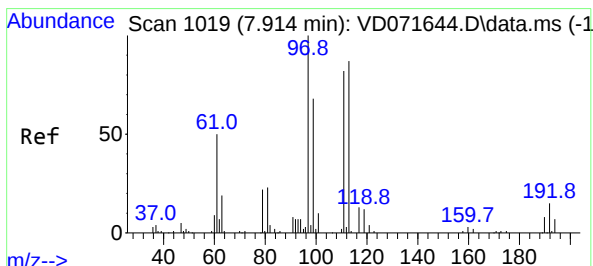
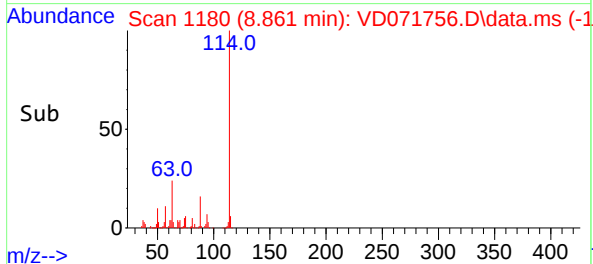
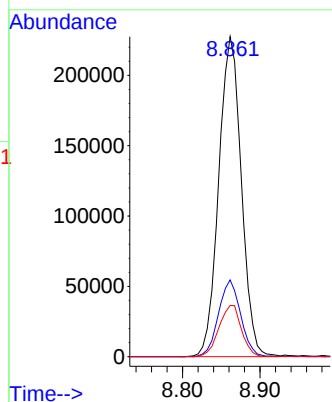
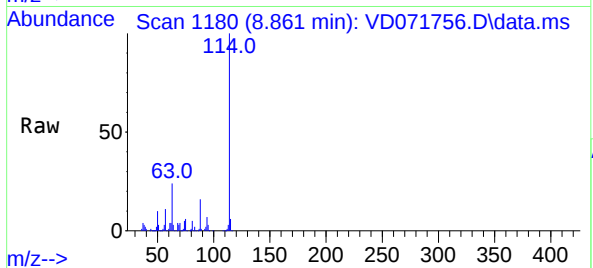




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

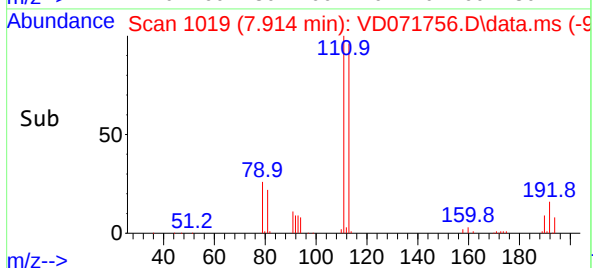
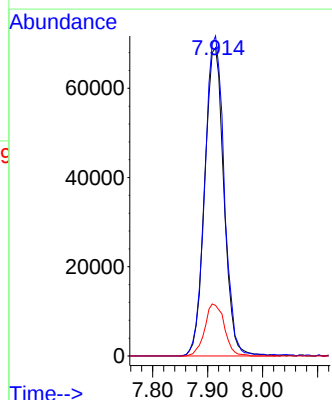
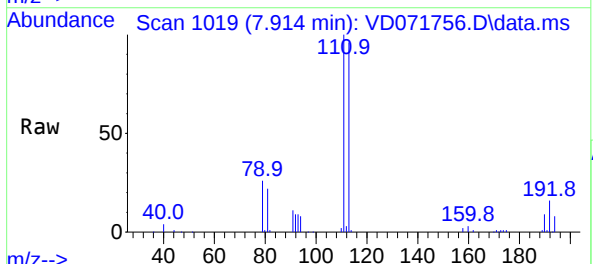
Instrument :
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VD0120SBL01

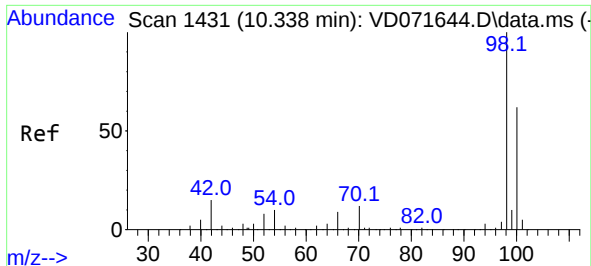
Tgt Ion:114 Resp: 461348
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.2
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 55.015 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

Tgt Ion:113 Resp: 167736
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 17.3 14.2 21.2

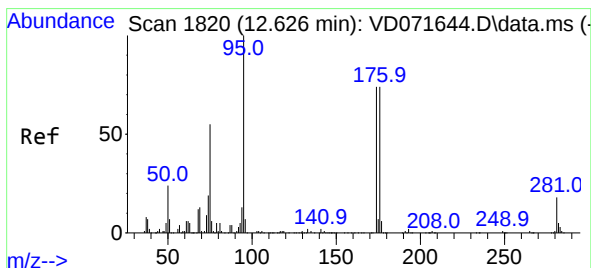
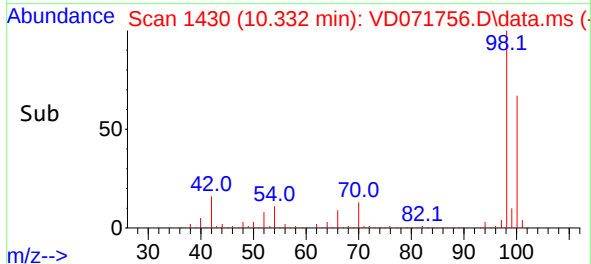
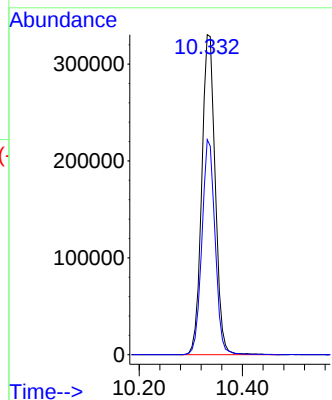
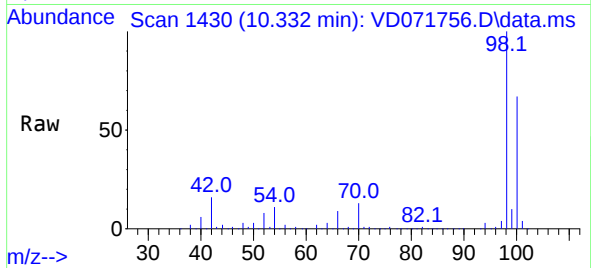




#50
Toluene-d8
Concen: 52.259 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

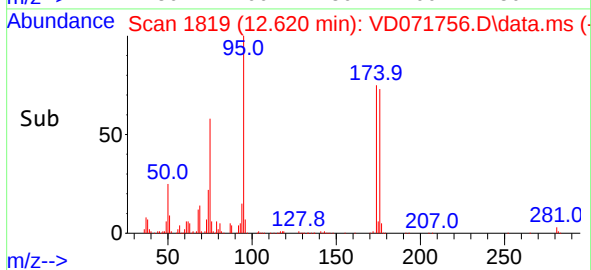
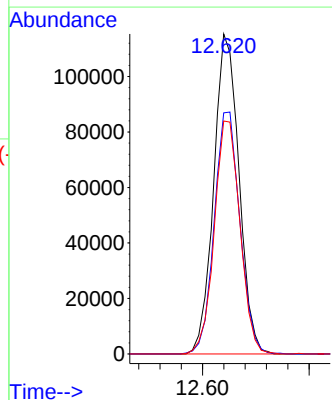
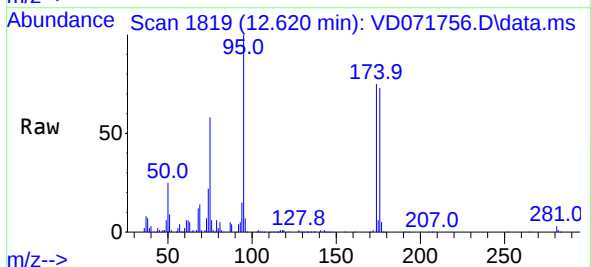
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

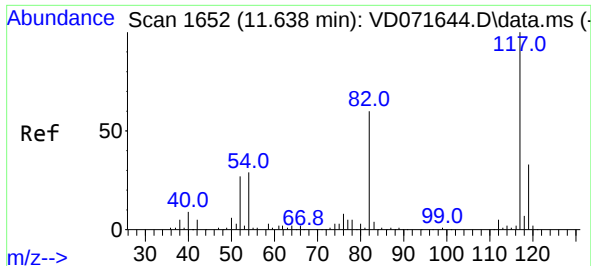
Tgt Ion: 98 Resp: 596441
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.140 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

Tgt Ion: 95 Resp: 189584
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.0
176 74.1 0.0 146.4

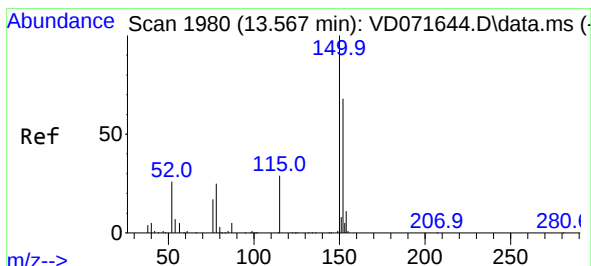
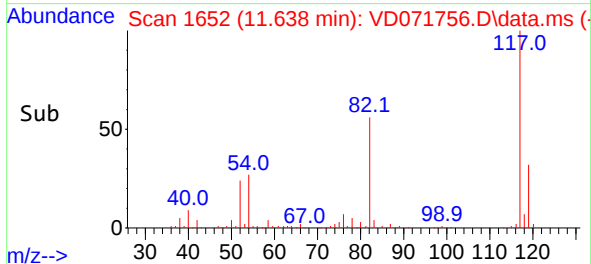
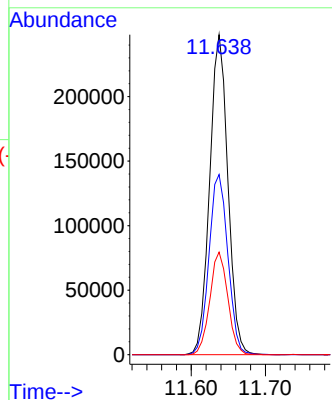
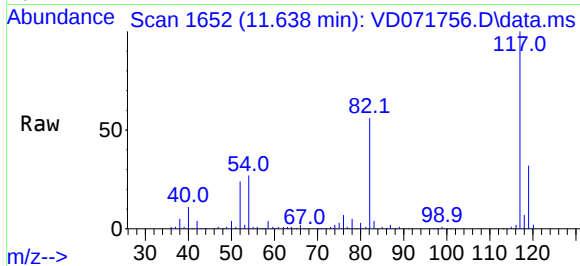




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

Tgt Ion:117 Resp: 423937
Ion Ratio Lower Upper
117 100
82 56.3 46.9 70.3
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

Tgt Ion:152 Resp: 184608
Ion Ratio Lower Upper
152 100
115 60.8 31.5 94.5
150 154.3 0.0 348.0

