

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072029.D
 Acq On : 21 Feb 2022 12:52
 Operator : VA/SY
 Sample : N1579-05
 Misc : 6.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(9.5-10.0)

Quant Time: Feb 22 00:35:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	638645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1074046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1011098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	476126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	311428	47.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.914	113	324134	49.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.332	98	1304291	54.048	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.100%
62) 4-Bromofluorobenzene	12.626	95	477067	53.819	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.640%

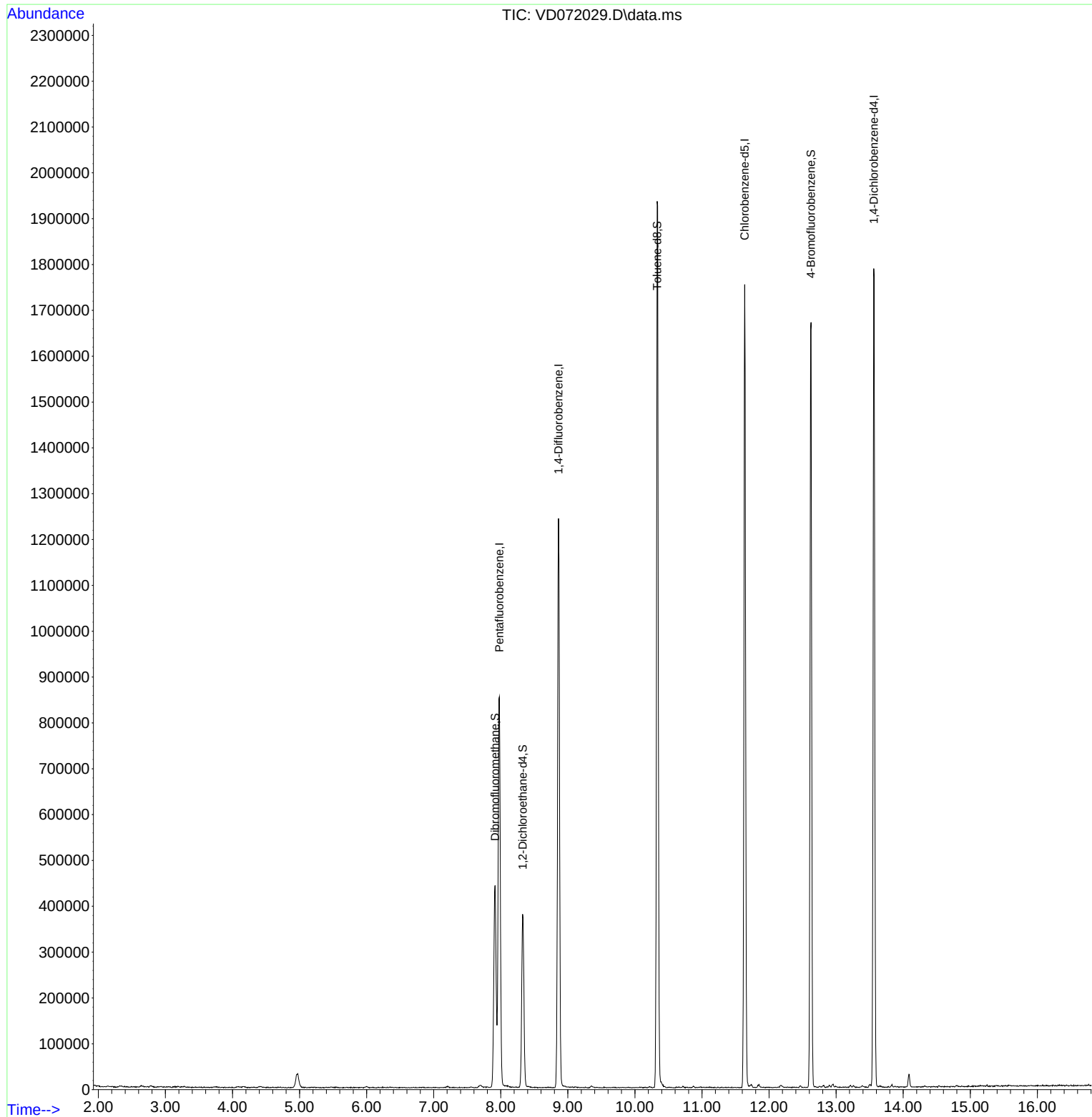
Target Compounds	Qvalue

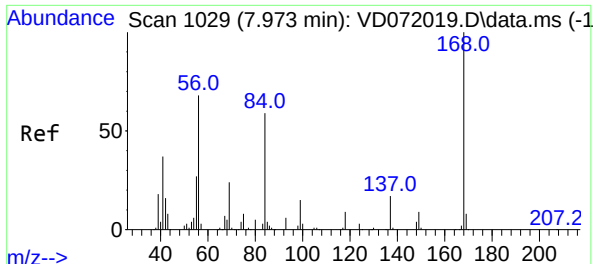
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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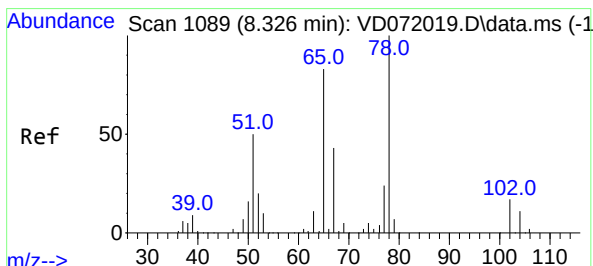
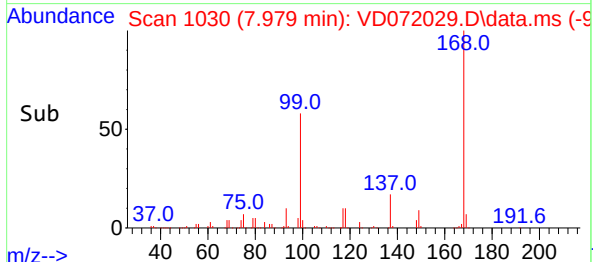
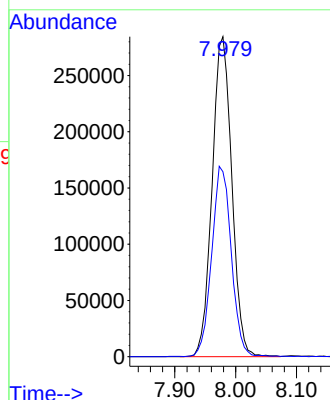
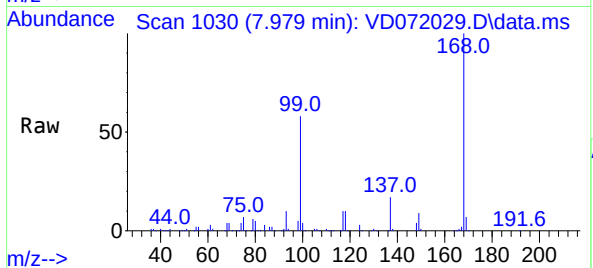




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

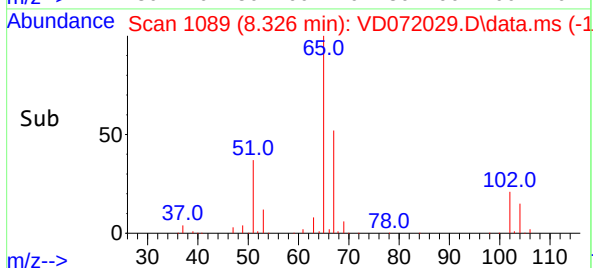
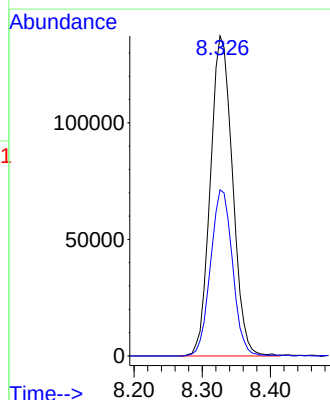
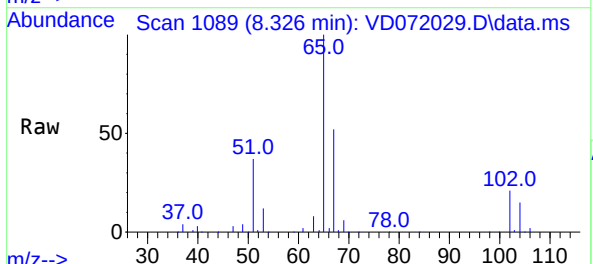
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

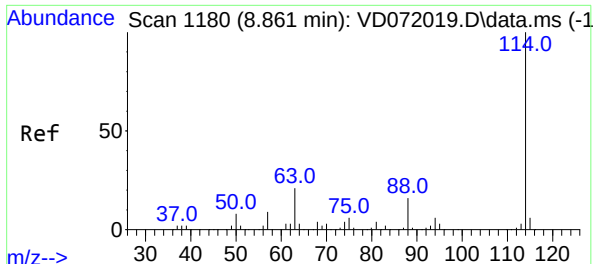
Tgt Ion:168 Resp: 638645
Ion Ratio Lower Upper
168 100
99 57.7 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 47.011 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion: 65 Resp: 311428
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.6

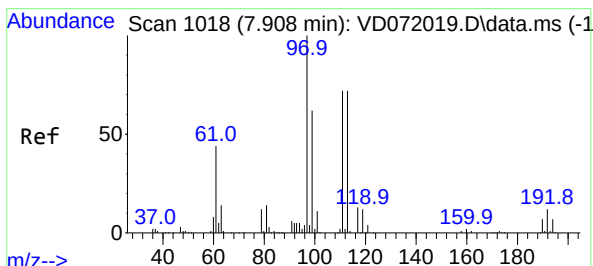
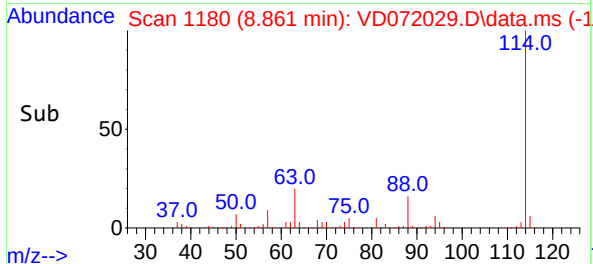
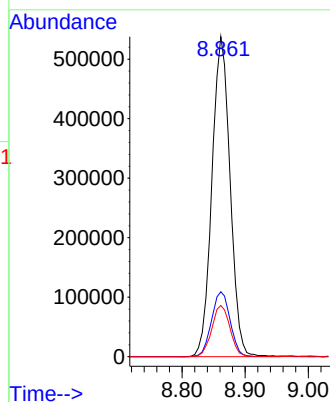
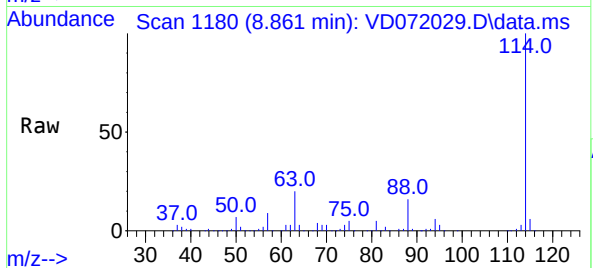




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

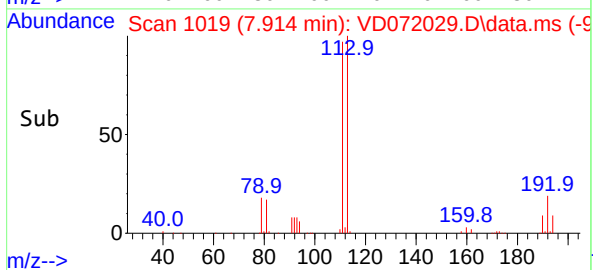
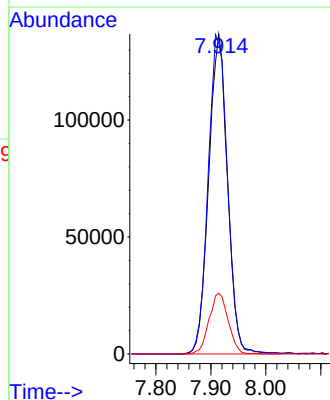
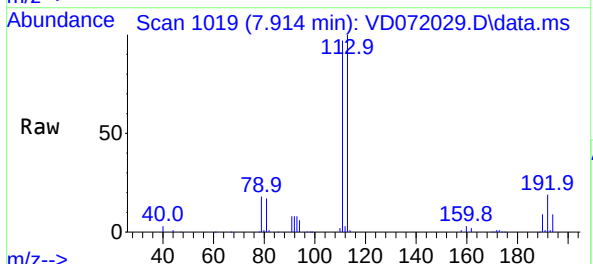
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

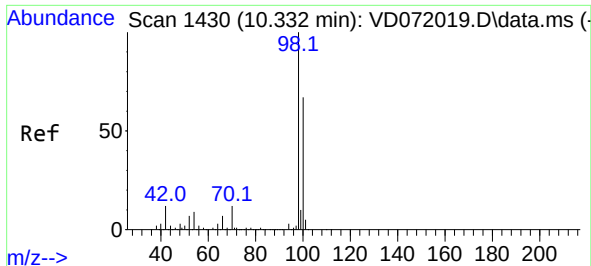
Tgt Ion:114 Resp: 1074046
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.2
88 16.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.811 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion:113 Resp: 324134
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 19.3 15.3 22.9

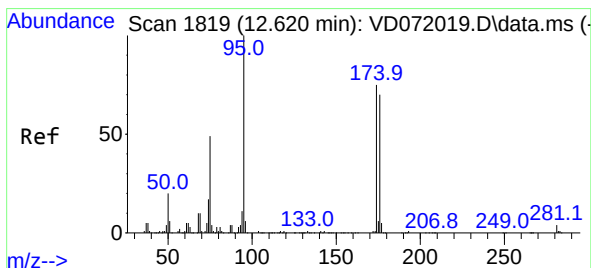
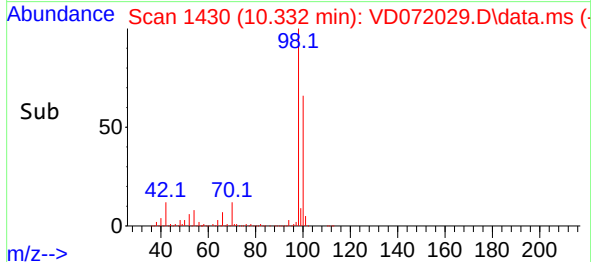
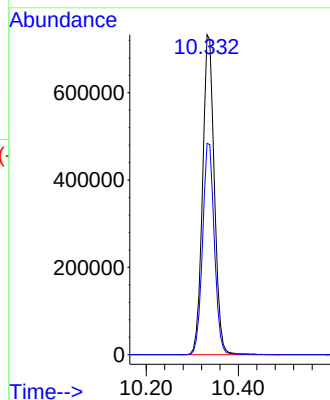
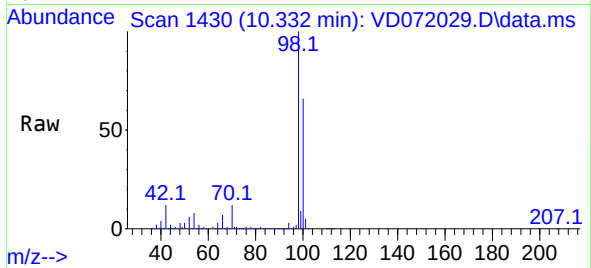




#50
Toluene-d8
Concen: 54.048 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

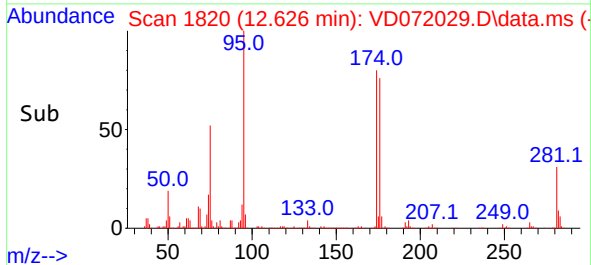
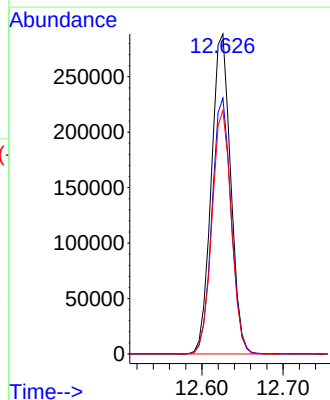
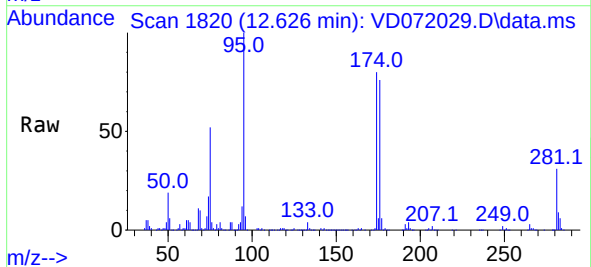
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

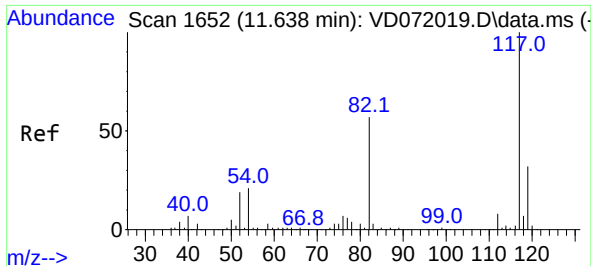
Tgt Ion: 98 Resp: 1304291
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.819 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion: 95 Resp: 477067
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.0
176 76.1 0.0 148.8

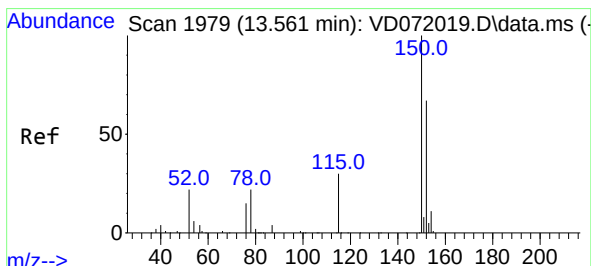
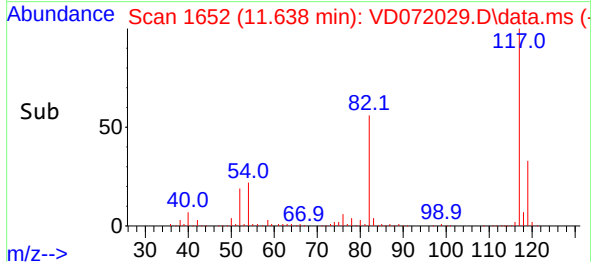
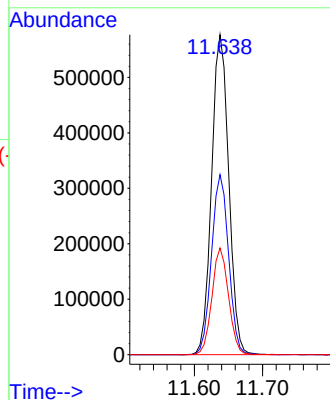
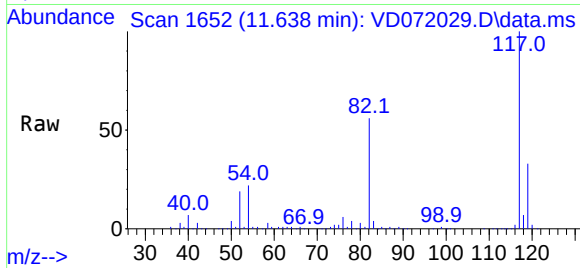




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Instrument :
MSVOA_D
ClientSampleId :
SB-6-(9.5-10.0)

Tgt Ion:117 Resp: 1011098
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 33.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072029.D
Acq: 21 Feb 2022 12:52

Tgt Ion:152 Resp: 476126
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.7
150 157.8 0.0 347.6

