

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072807.D
 Acq On : 05 May 2022 13:49
 Operator : VA/SY
 Sample : N2677-08
 Misc : 4.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3,13

Quant Time: May 06 03:48:36 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	349369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	639491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	621866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280336	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218154	48.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.200%
35) Dibromofluoromethane	7.908	113	216571	48.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.332	98	786668	48.830	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.620	95	298195	49.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.280%

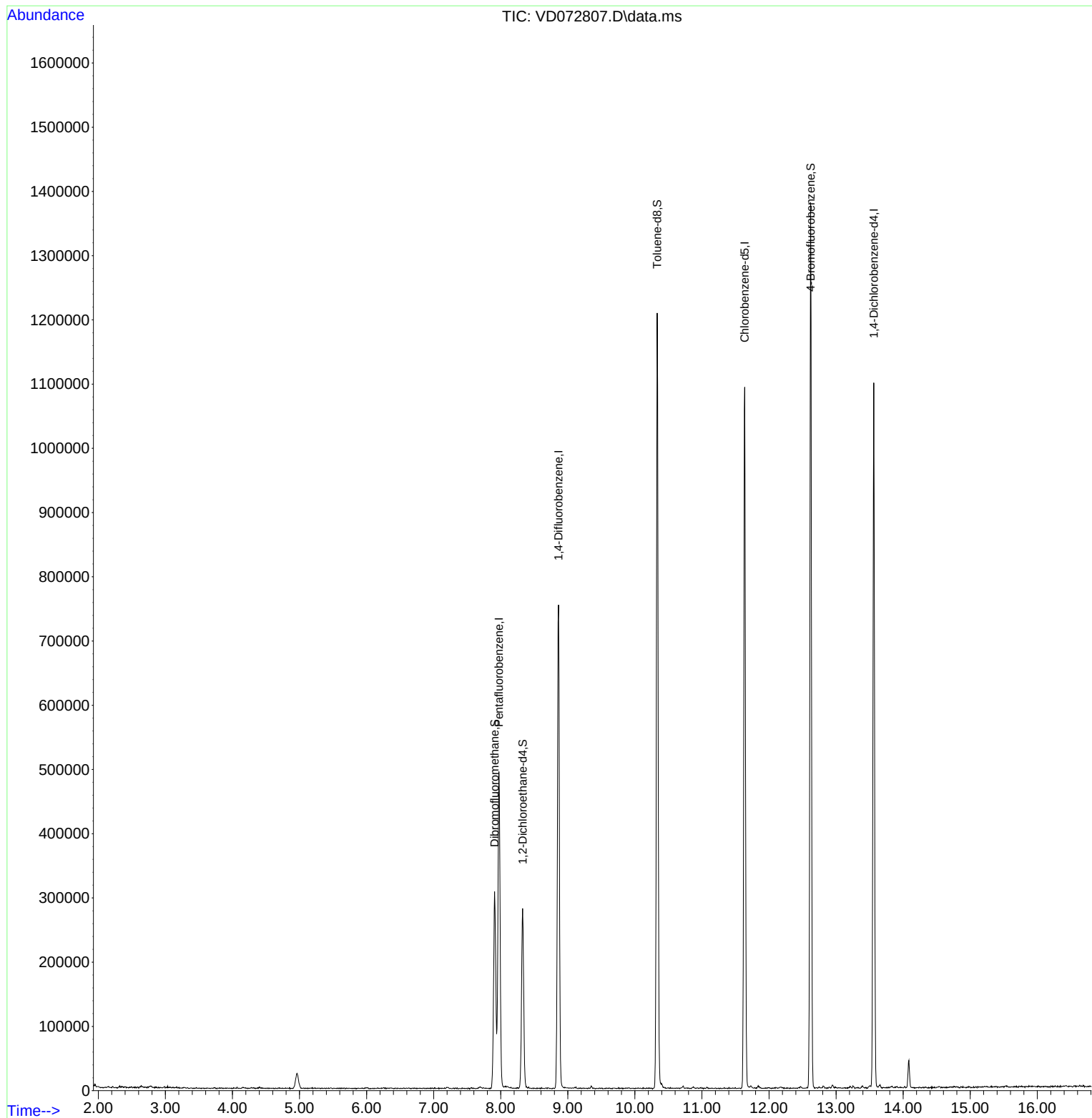
Target Compounds	Qvalue

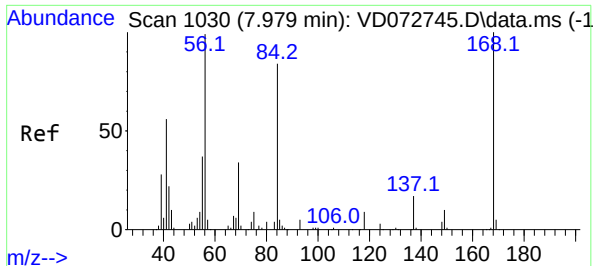
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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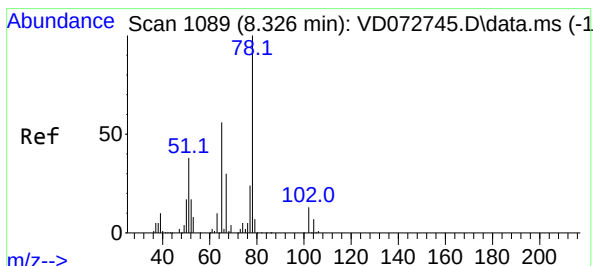
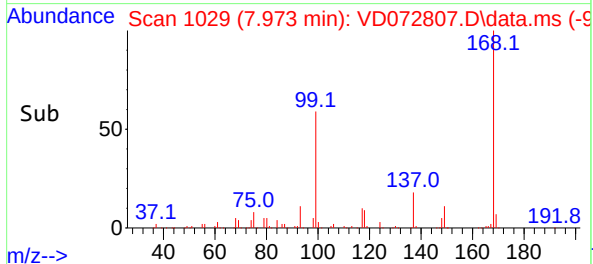
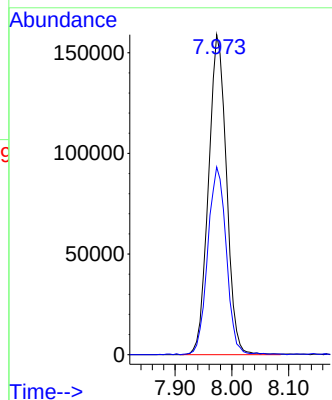
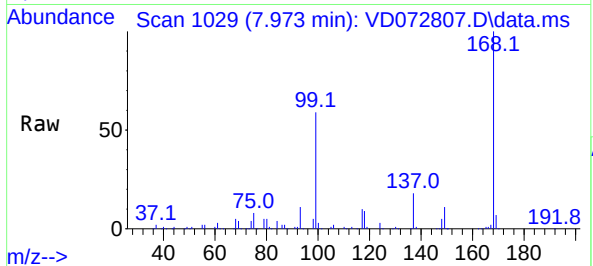




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

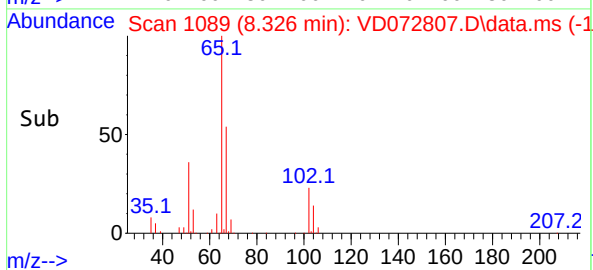
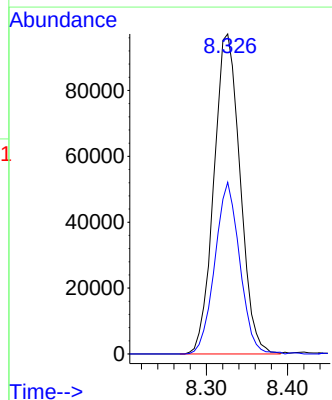
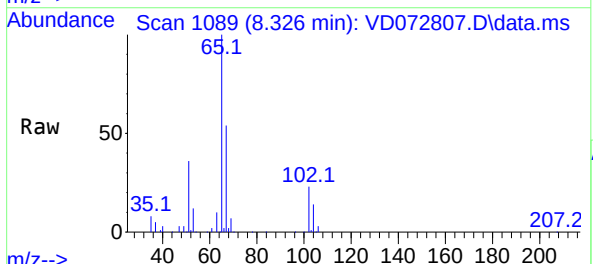
Instrument :
MSVOA_D
ClientSampleId :
SB-3,13

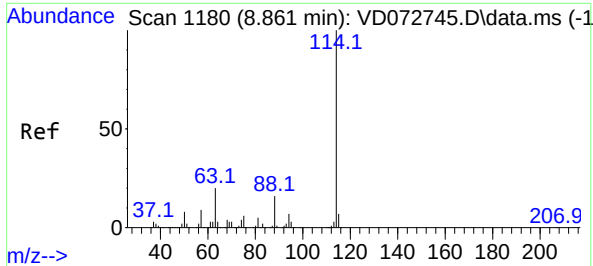
Tgt Ion:168 Resp: 349369
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 48.104 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

Tgt Ion: 65 Resp: 218154
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.4



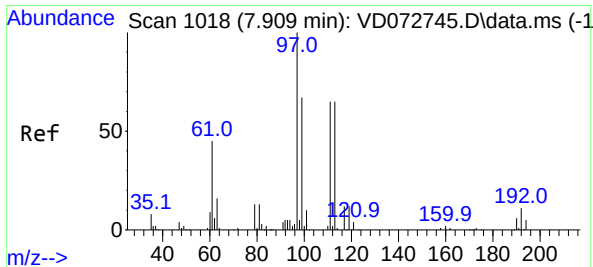
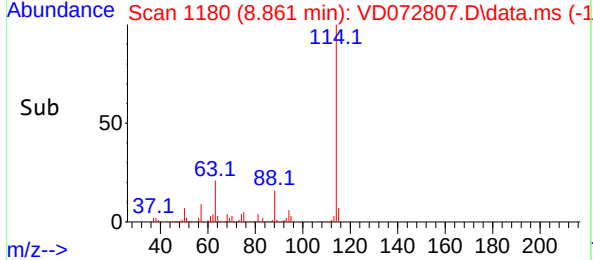
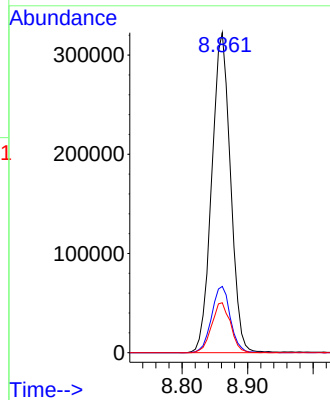
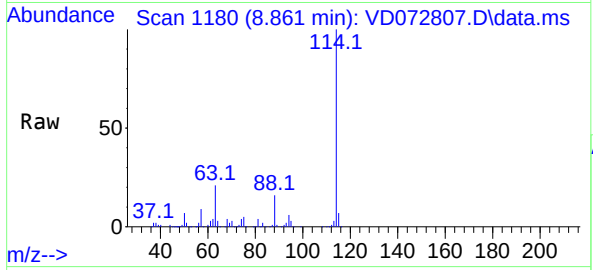


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

Instrument :
MSVOA_D
ClientSampleId :
SB-3,13

Tgt Ion:114 Resp: 639491

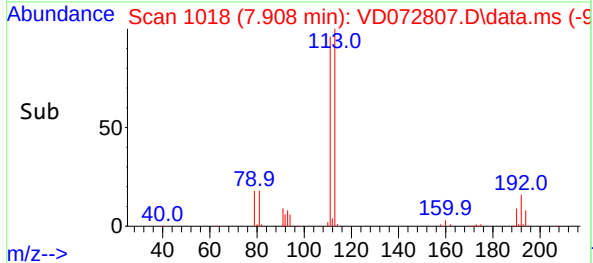
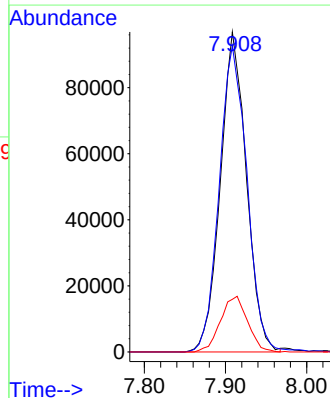
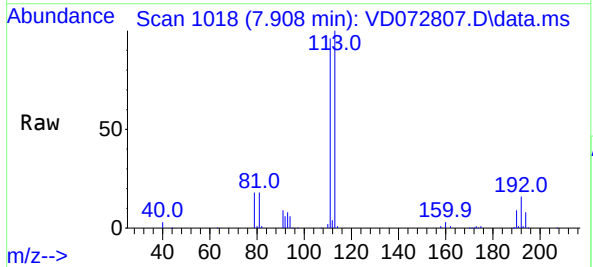
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	46.6
88	15.6	0.0	33.2

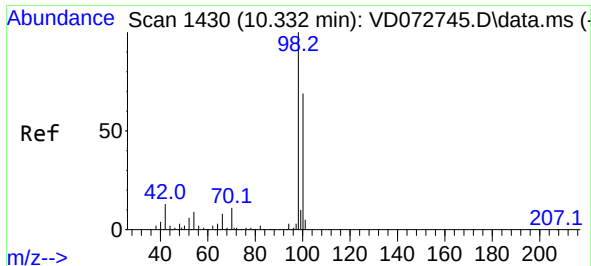


#35
Dibromofluoromethane
Concen: 48.221 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

Tgt Ion:113 Resp: 216571

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.8	125.6
192	18.1	14.6	21.8

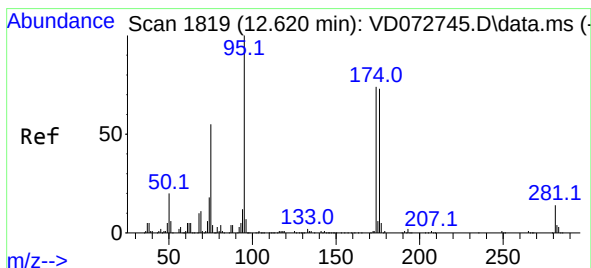
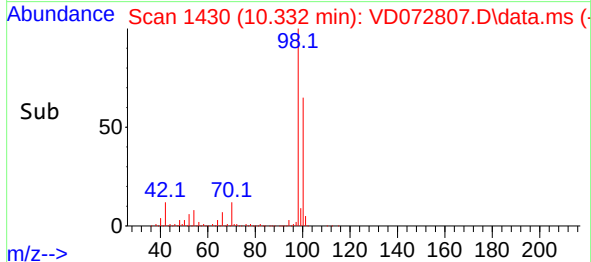
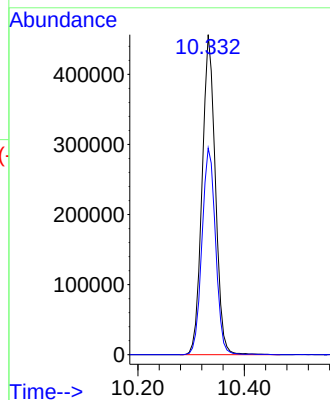
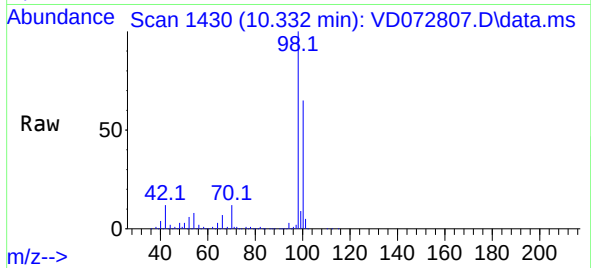




#50
Toluene-d8
Concen: 48.830 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

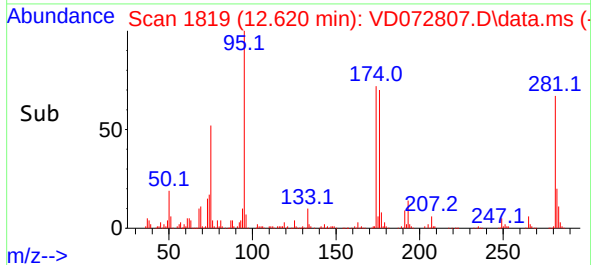
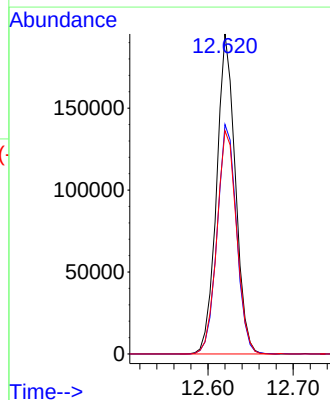
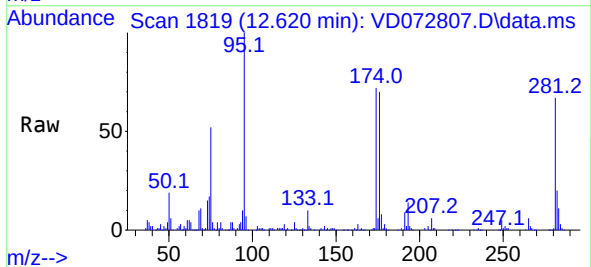
Instrument :
MSVOA_D
ClientSampleId :
SB-3,13

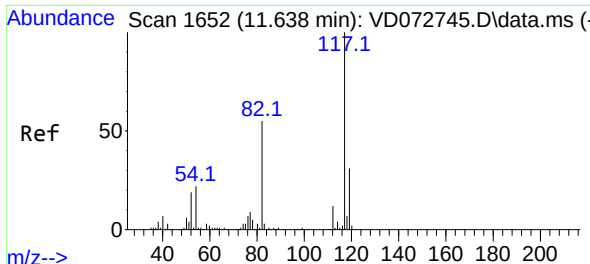
Tgt Ion: 98 Resp: 786668
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

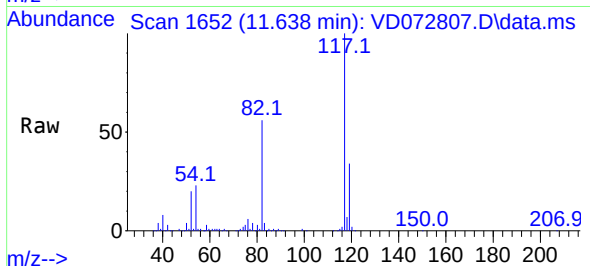
Tgt Ion: 95 Resp: 298195
Ion Ratio Lower Upper
95 100
174 73.8 0.0 152.8
176 73.6 0.0 145.4



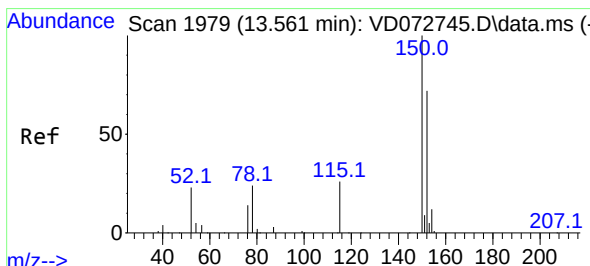
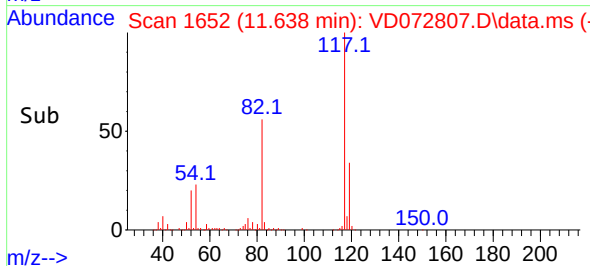
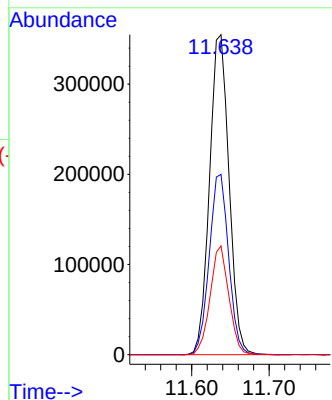


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072807.D
Acq: 05 May 2022 13:49

Instrument :
MSVOA_D
ClientSampleId :
SB-3,13



Tgt Ion:117 Resp: 621866
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 34.0 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: VD072807.D
Acq: 05 May 2022 13:49

Tgt Ion:152 Resp: 280336
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 158.9 0.0 348.6

