

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072972.D
 Acq On : 13 May 2022 03:53
 Operator : VA/SY
 Sample : N2817-08
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P010-SS003-0612-01

Quant Time: May 13 06:03:25 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	352440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	620309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	606143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	189582	41.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.880%
35) Dibromofluoromethane	7.908	113	200414	46.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.000%
50) Toluene-d8	10.332	98	756540	48.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.620	95	269486	46.248	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.500%

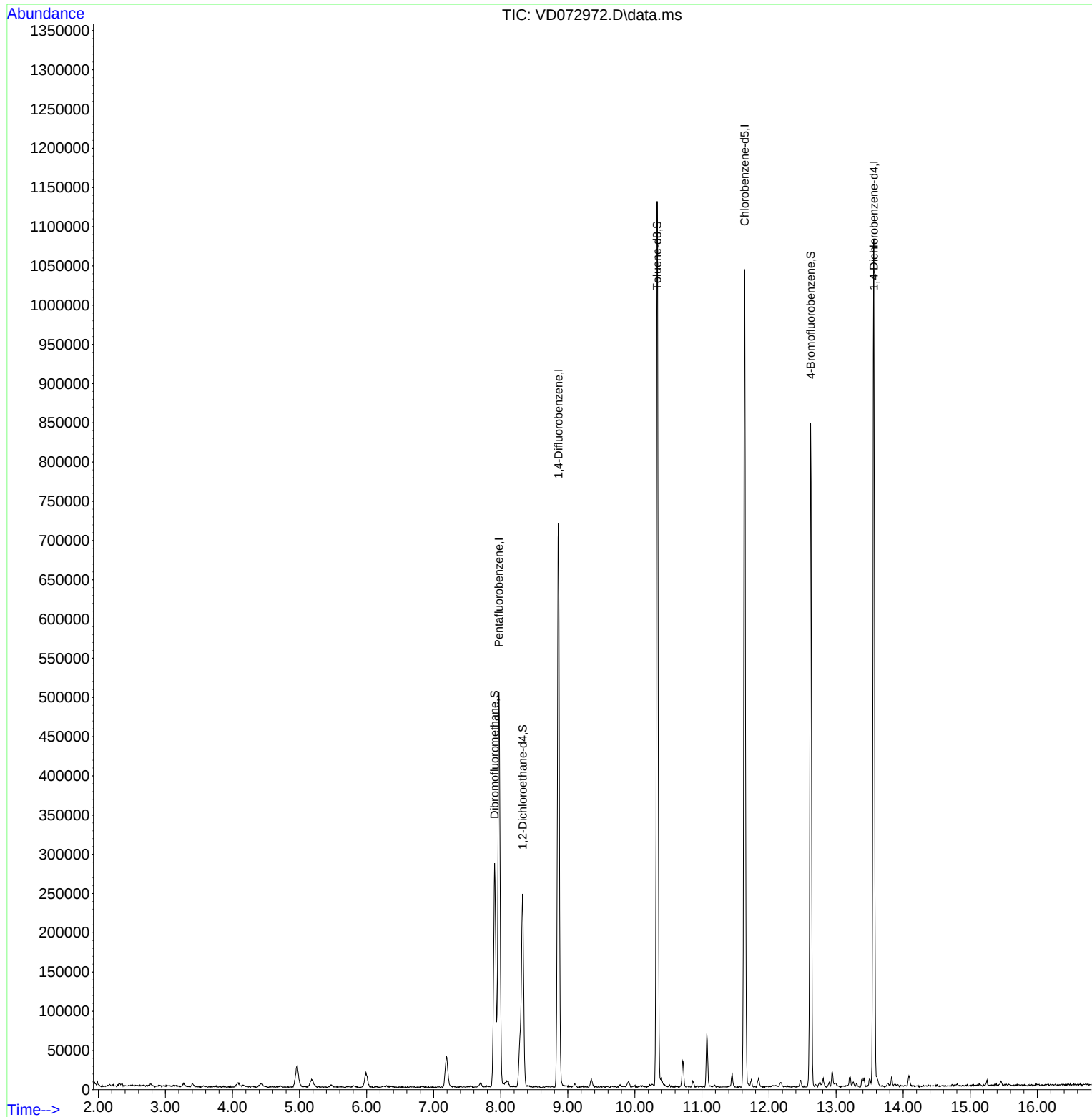
Target Compounds	Qvalue

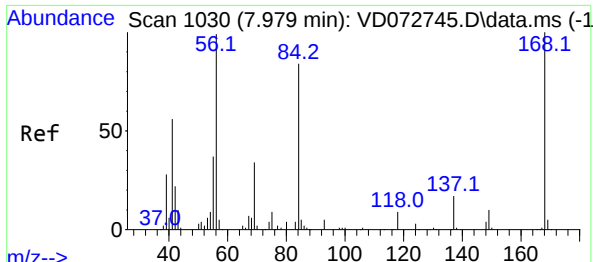
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

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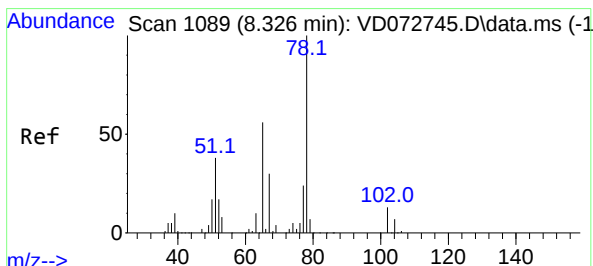
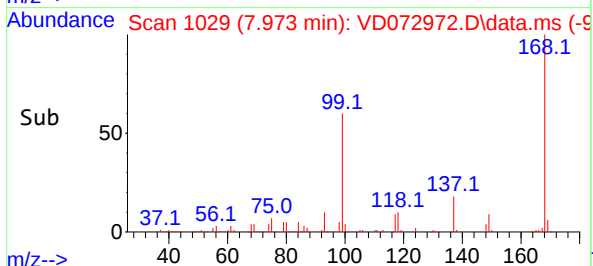
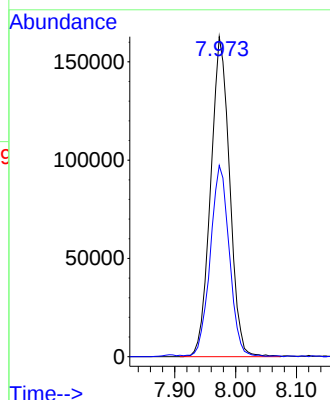
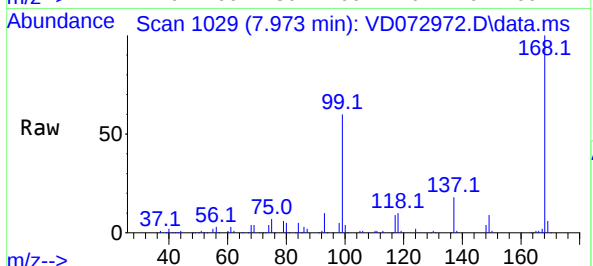
P010-SS003-0612-01

Tgt Ion:168 Resp: 352440

Ion Ratio Lower Upper

168 100

99 59.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 41.439 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072972.D

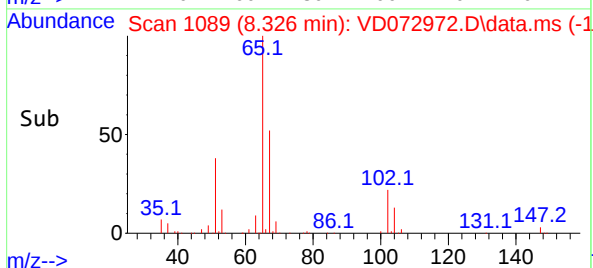
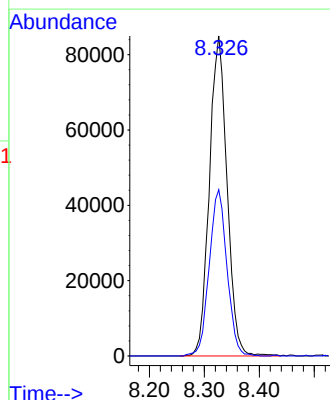
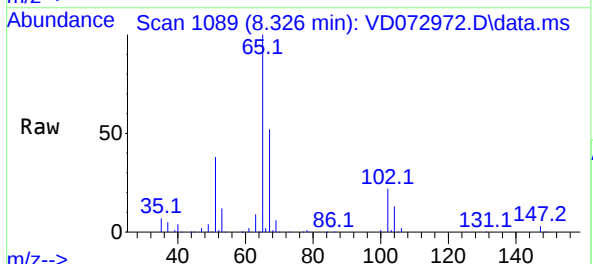
Acq: 13 May 2022 03:53

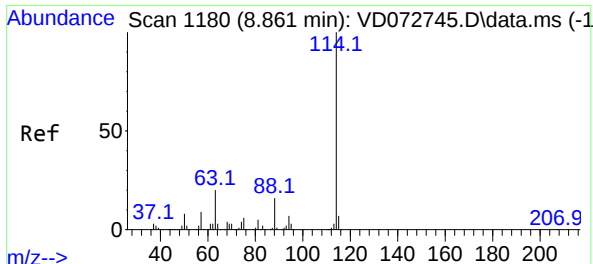
Tgt Ion: 65 Resp: 189582

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4

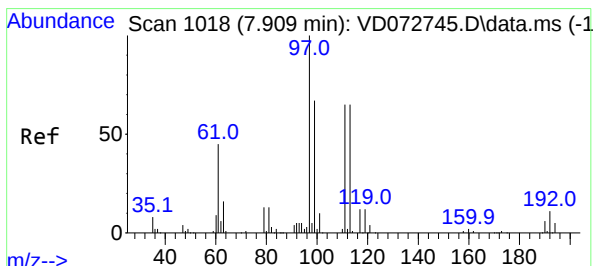
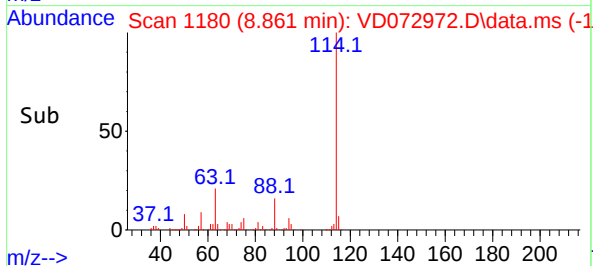
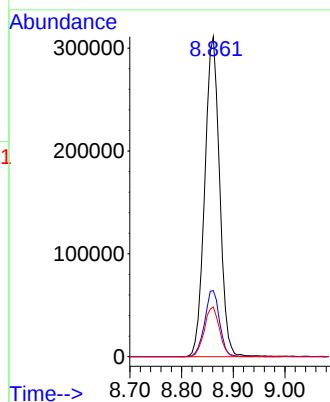
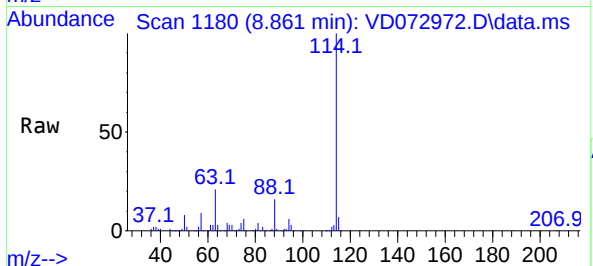




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

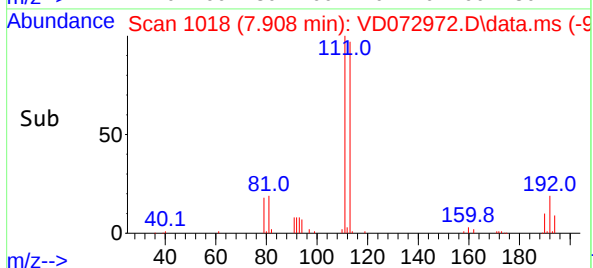
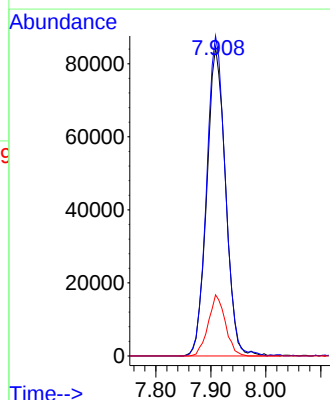
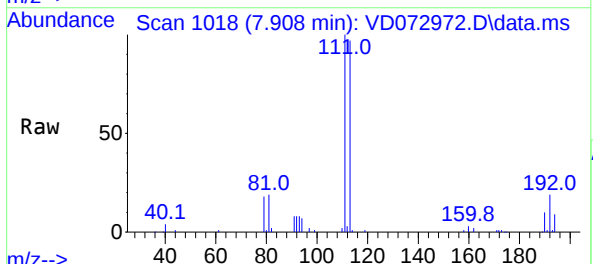
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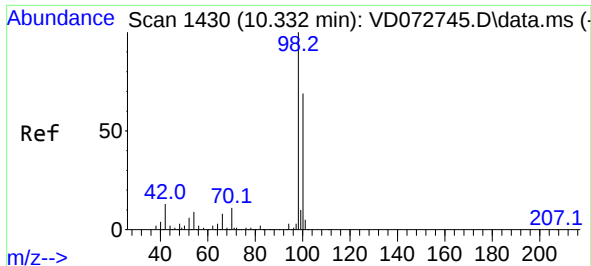
Tgt Ion:	114	Resp:	620309
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	46.6
88	15.5	0.0	33.2



#35
Dibromofluoromethane
Concen: 46.003 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Tgt Ion:	113	Resp:	200414
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	18.0	14.6	21.8

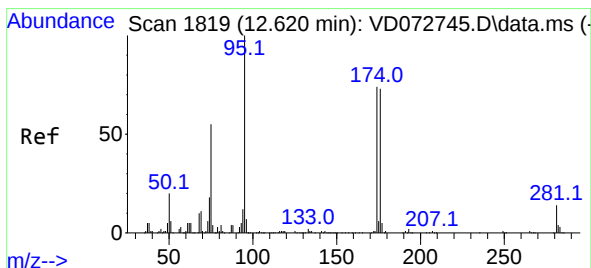
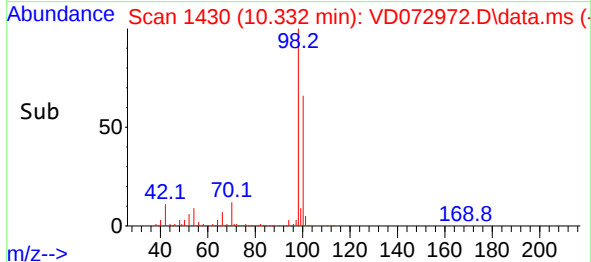
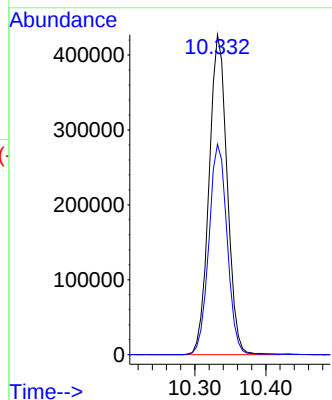
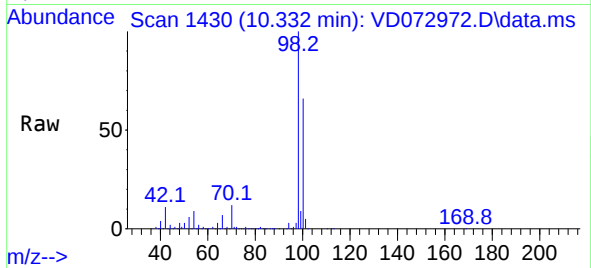




#50
Toluene-d8
Concen: 48.412 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

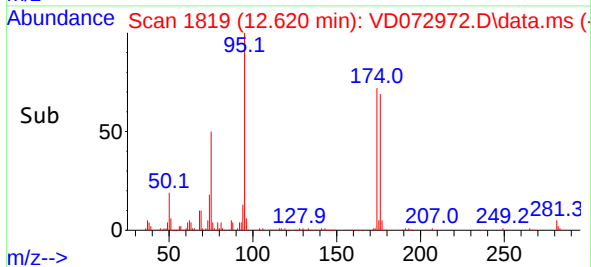
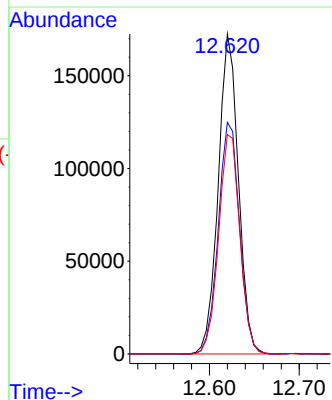
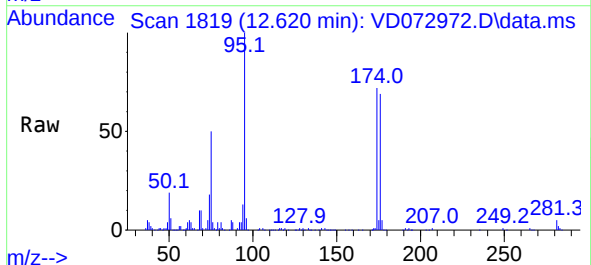
Instrument :
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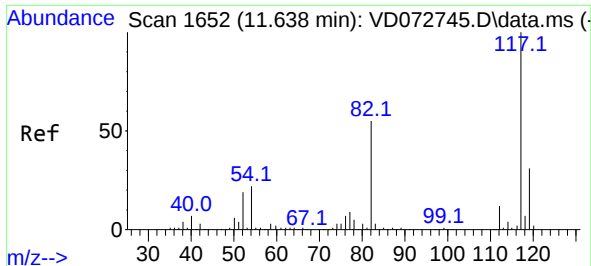
Tgt Ion: 98 Resp: 756540
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.248 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Tgt Ion: 95 Resp: 269486
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 71.9 0.0 145.4

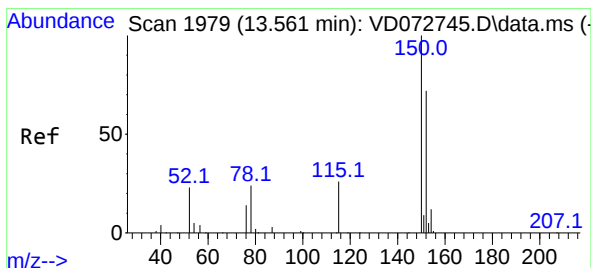
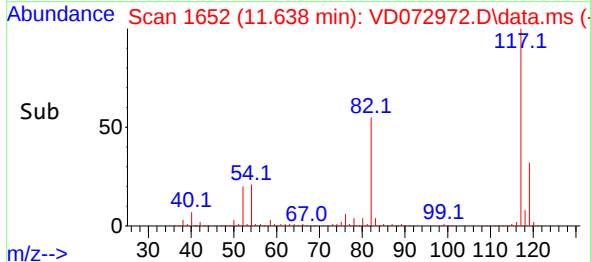
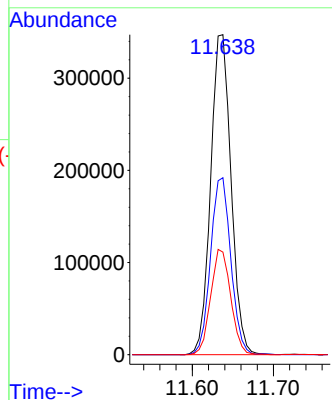
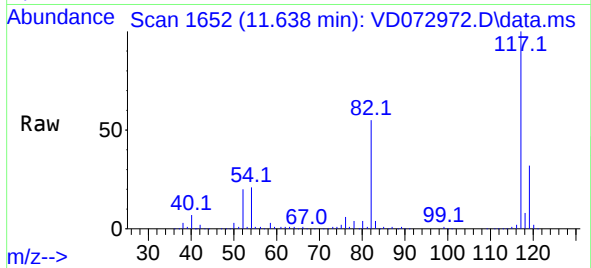




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-0612-01

Tgt Ion:117 Resp: 606143
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.1 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: VD072972.D
Acq: 13 May 2022 03:53

Tgt Ion:152 Resp: 278108
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 154.7 0.0 348.6

