

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072981.D
 Acq On : 13 May 2022 08:11
 Operator : VA/SY
 Sample : N2817-12
 Misc : 5.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P010-SS004-0006-01

Quant Time: May 13 08:37:10 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	313925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	571620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	570109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178754	43.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.740%
35) Dibromofluoromethane	7.908	113	190184	47.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.332	98	701637	48.723	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.620	95	260949	48.598	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.200%

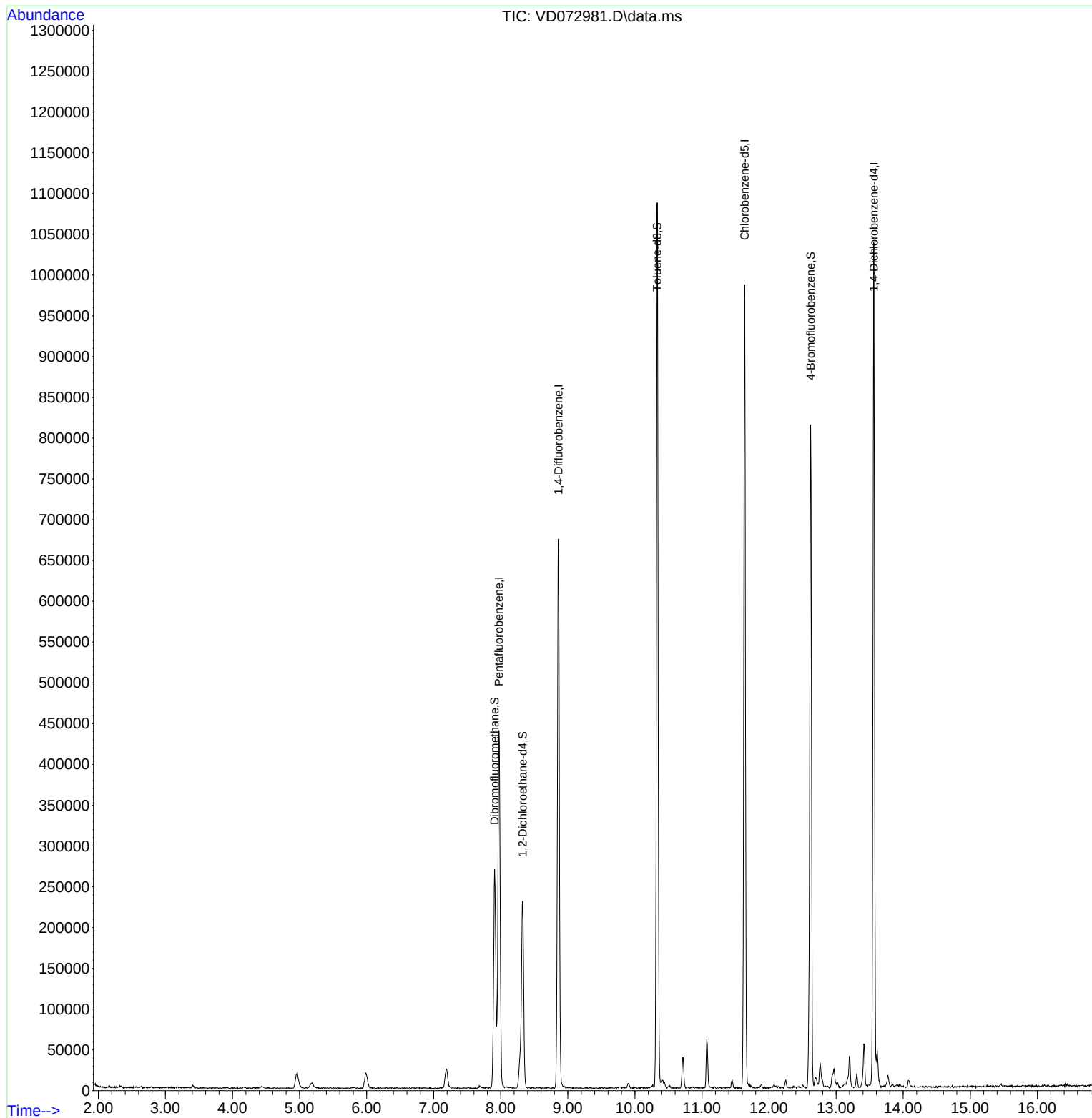
Target Compounds	Qvalue

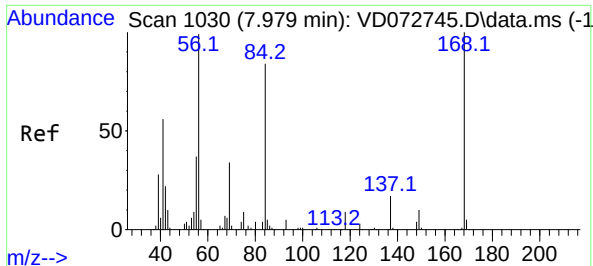
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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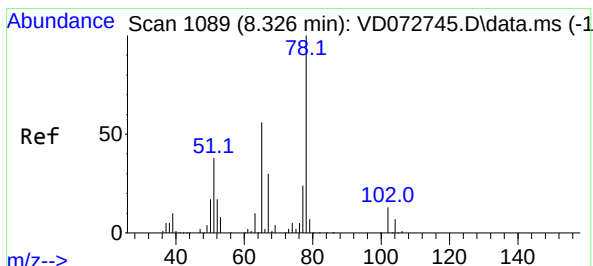
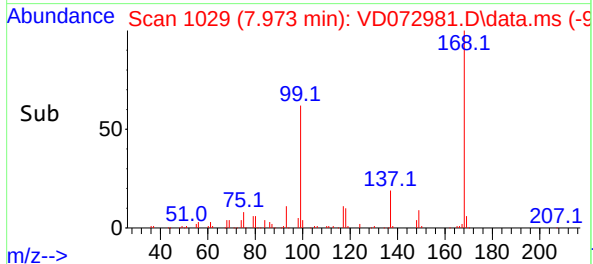
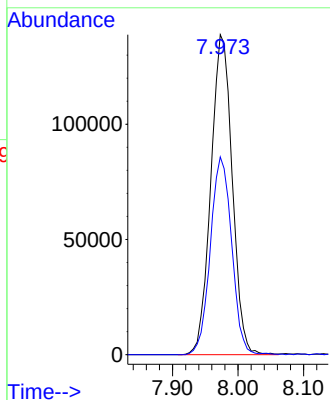
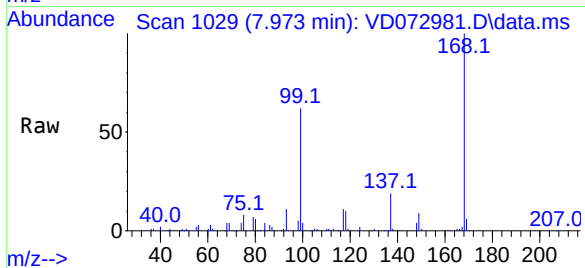




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072981.D
Acq: 13 May 2022 08:11

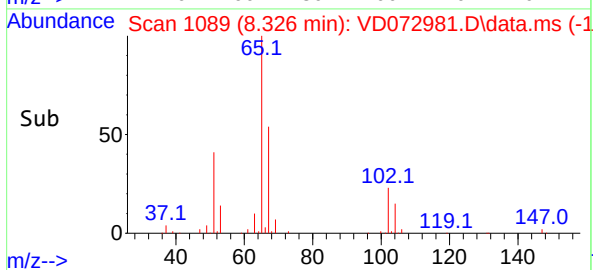
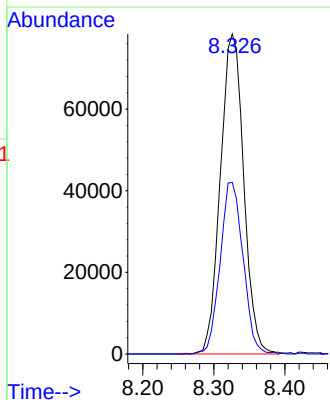
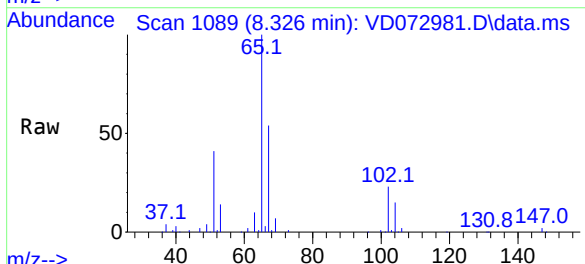
Instrument :
MSVOA_D
ClientSampleId :
P010-SS004-0006-01

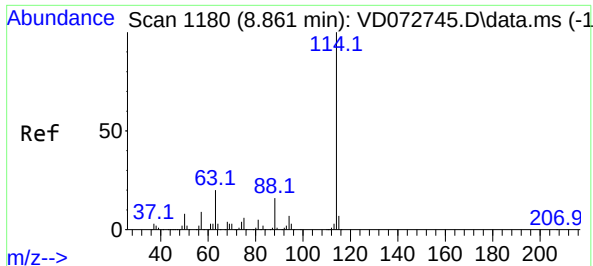
Tgt Ion:168 Resp: 313925
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 43.866 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072981.D
Acq: 13 May 2022 08:11

Tgt Ion: 65 Resp: 178754
Ion Ratio Lower Upper
65 100
67 52.7 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: VD072981.D

Acq: 13 May 2022 08:11

Instrument :

MSVOA_D

ClientSampleId :

P010-SS004-0006-01

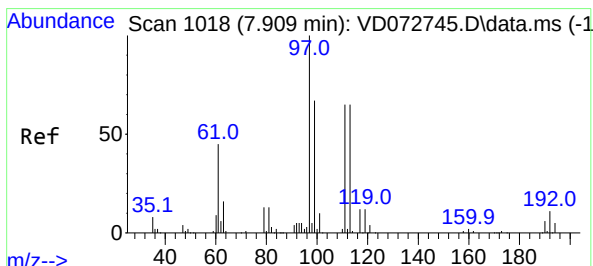
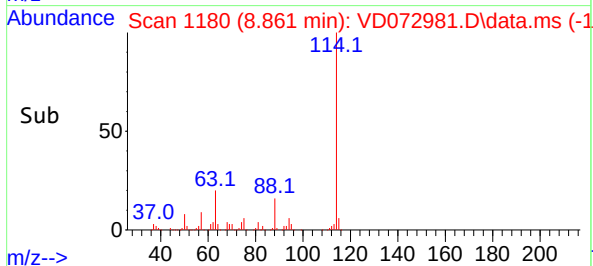
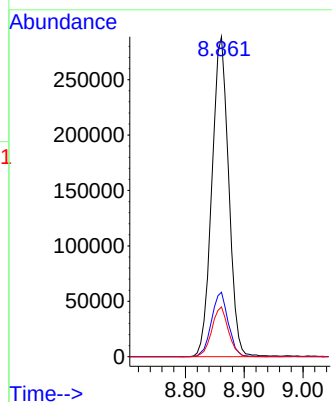
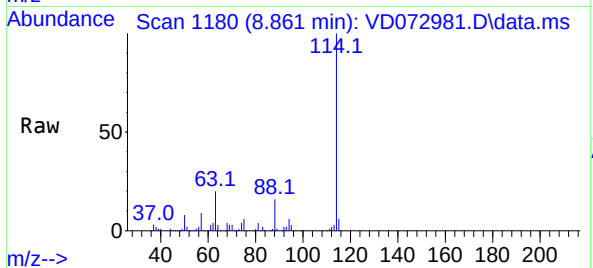
Tgt Ion:114 Resp: 571620

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.374 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072981.D

Acq: 13 May 2022 08:11

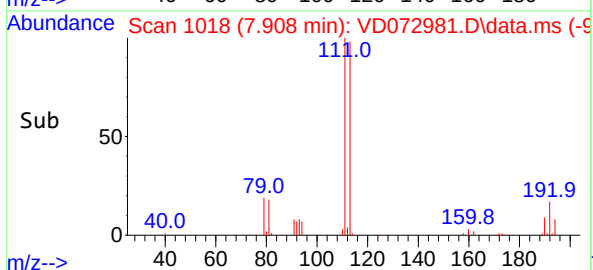
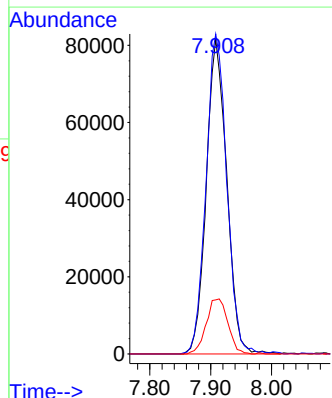
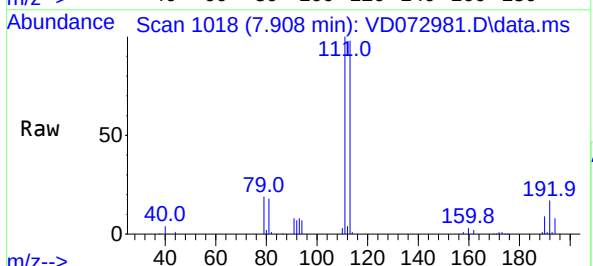
Tgt Ion:113 Resp: 190184

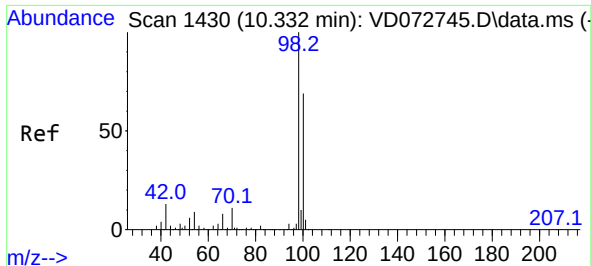
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 18.5 14.6 21.8

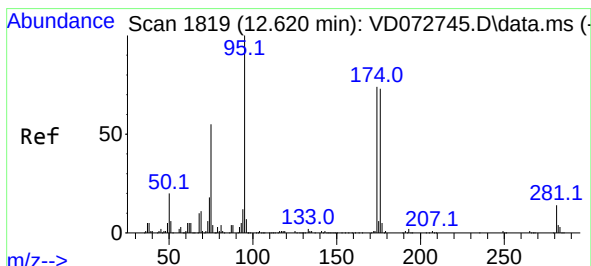
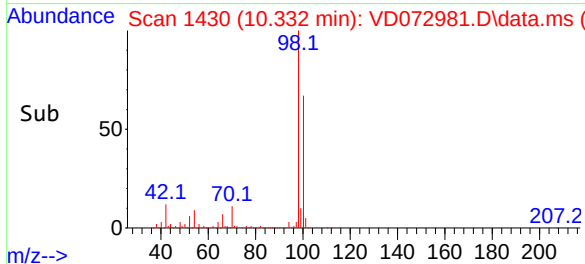
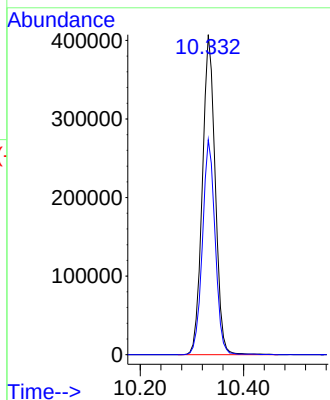
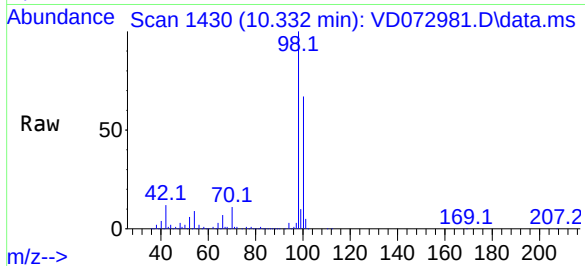




#50
Toluene-d8
Concen: 48.723 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072981.D
Acq: 13 May 2022 08:11

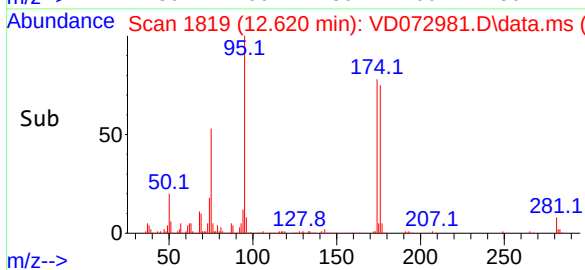
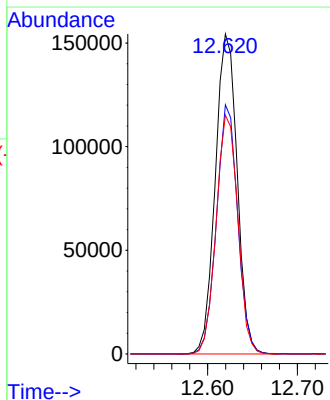
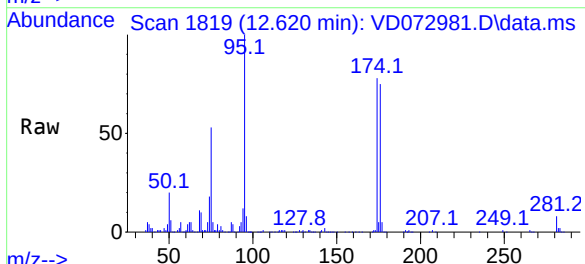
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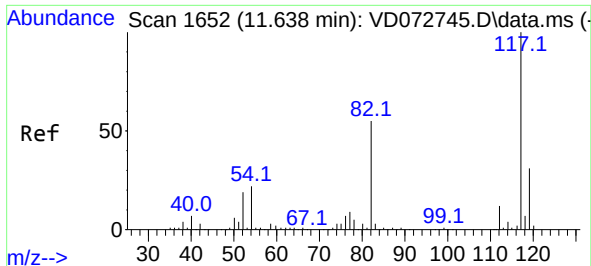
Tgt Ion: 98 Resp: 701637
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.598 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072981.D
Acq: 13 May 2022 08:11

Tgt Ion: 95 Resp: 260949
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 74.0 0.0 145.4

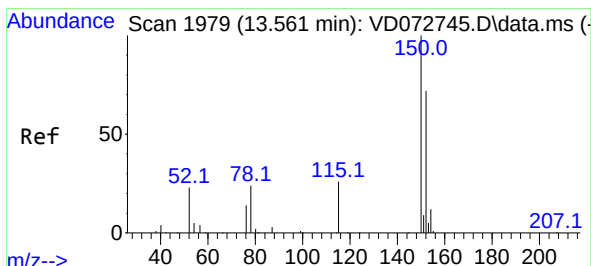
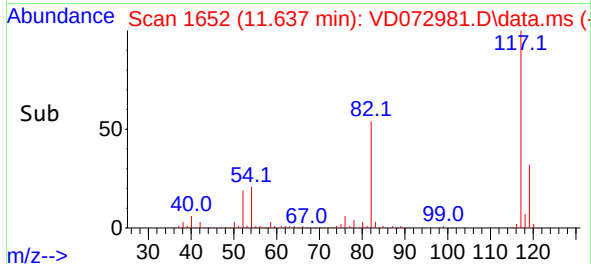
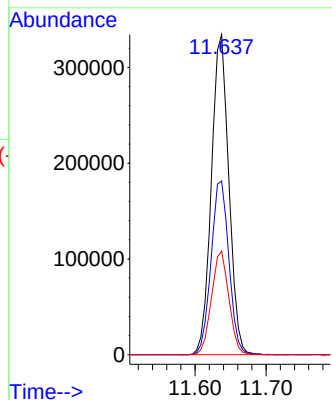
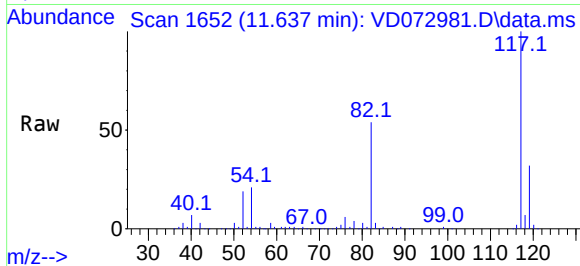




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD072981.D
Acq: 13 May 2022 08:11

Instrument :
MSVOA_D
ClientSampleId :
P010-SS004-0006-01

Tgt Ion:117 Resp: 570109
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 32.4 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: VD072981.D
Acq: 13 May 2022 08:11

Tgt Ion:152 Resp: 266766
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 157.7 0.0 348.6

