

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072122.D
 Acq On : 28 Feb 2022 15:00
 Operator : VA/SY
 Sample : N1679-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-72-11944

Quant Time: Mar 01 08:13:02 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	547129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	934247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	910170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	437666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	262675	46.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.560%
35) Dibromofluoromethane	7.908	113	284402	50.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.480%
50) Toluene-d8	10.338	98	1154205	54.986	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.980%
62) 4-Bromofluorobenzene	12.626	95	414241	53.724	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.440%

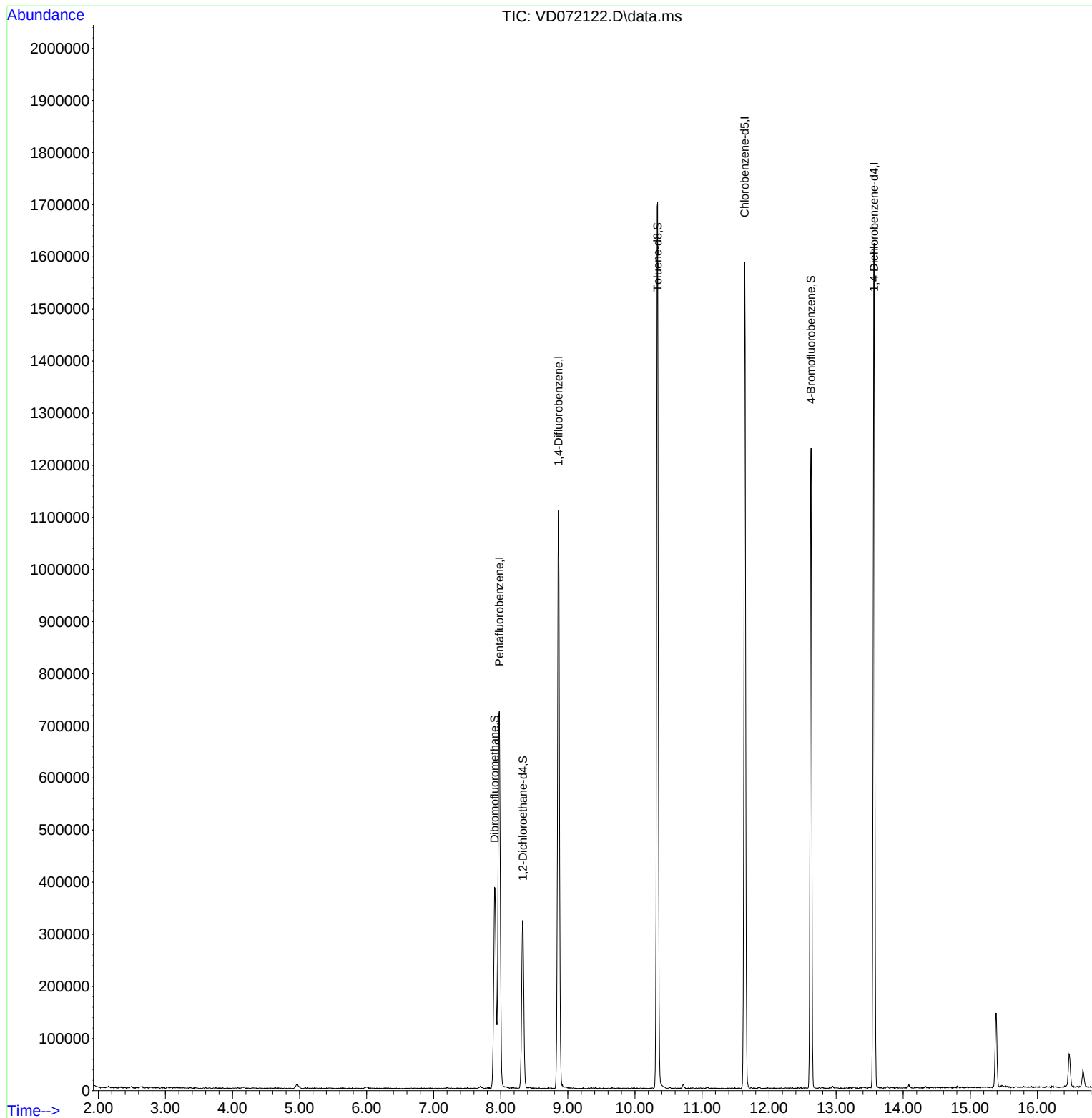
Target Compounds	Qvalue

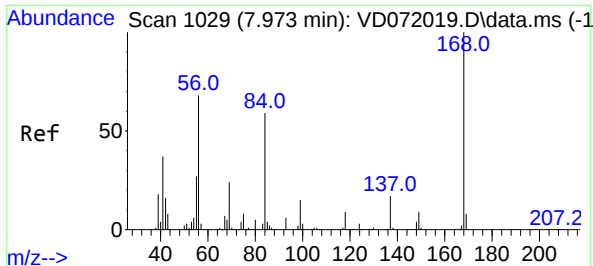
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD072122.D

Acq: 28 Feb 2022 15:00

Instrument :

MSVOA_D

ClientSampleId :

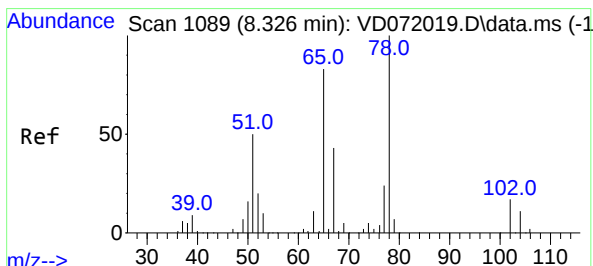
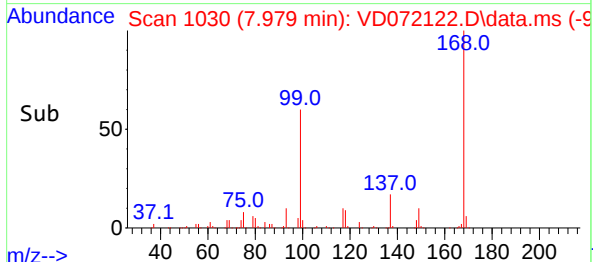
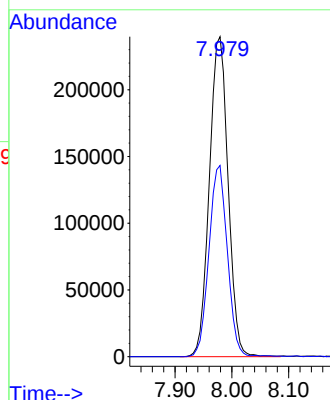
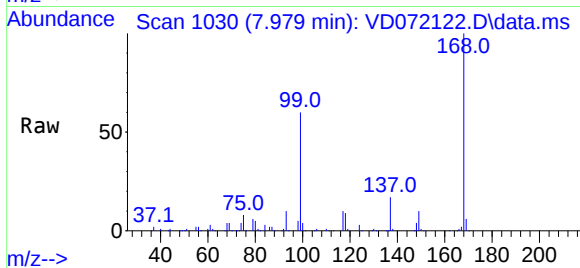
RO-72-11944

Tgt Ion:168 Resp: 547129

Ion Ratio Lower Upper

168 100

99 59.8 47.1 70.7



1,2-Dichloroethane-d4

Concen: 46.284 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD072122.D

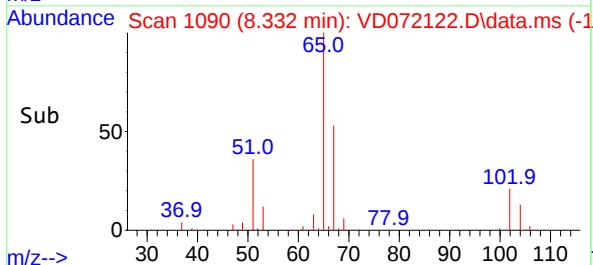
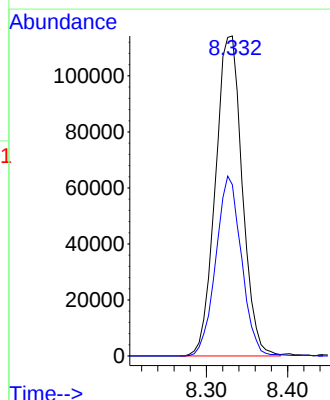
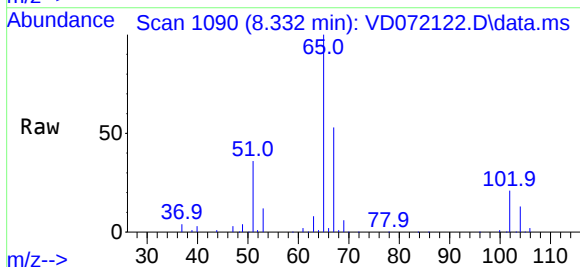
Acq: 28 Feb 2022 15:00

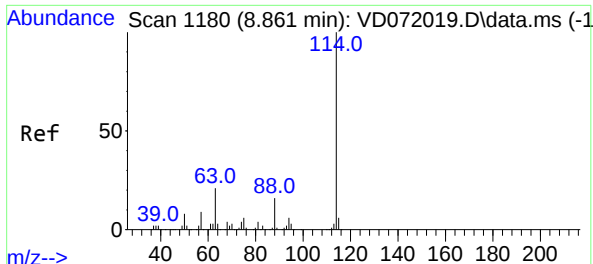
Tgt Ion: 65 Resp: 262675

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.6



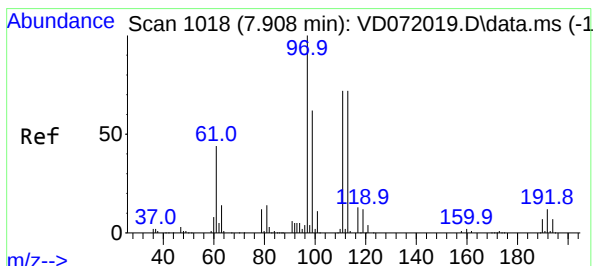
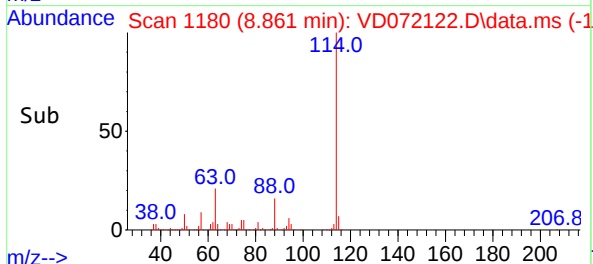
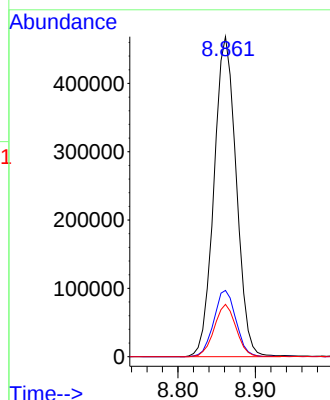
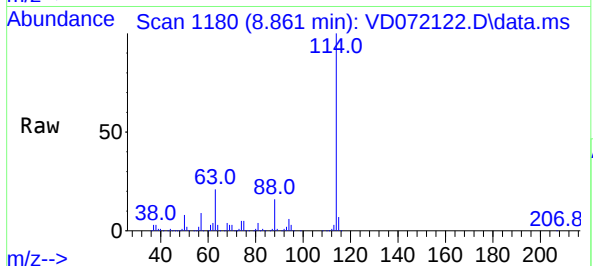


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072122.D
Acq: 28 Feb 2022 15:00

Instrument :
MSVOA_D
ClientSampleId :
RO-72-11944

Tgt Ion:114 Resp: 934247

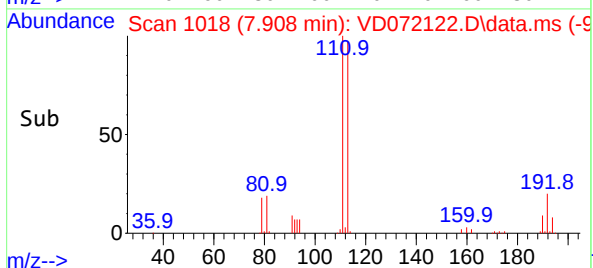
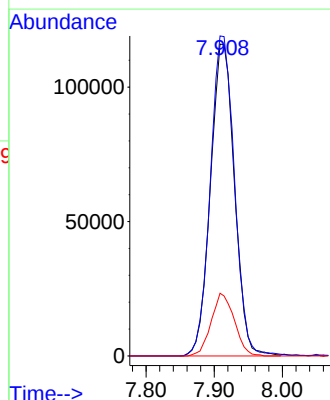
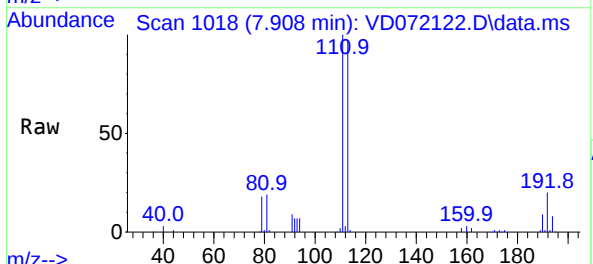
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.2
88	16.4	0.0	31.2

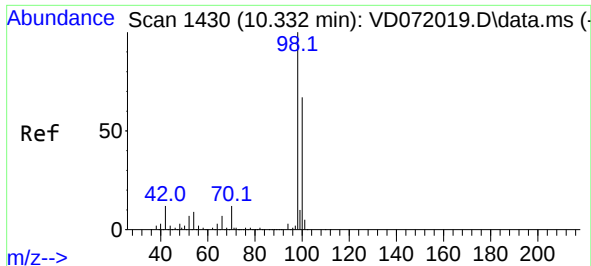


#35
Dibromofluoromethane
Concen: 50.245 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072122.D
Acq: 28 Feb 2022 15:00

Tgt Ion:113 Resp: 284402

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	19.4	15.3	22.9

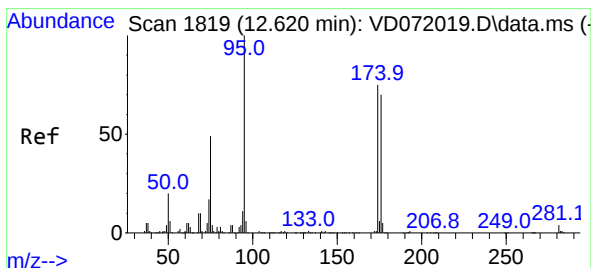
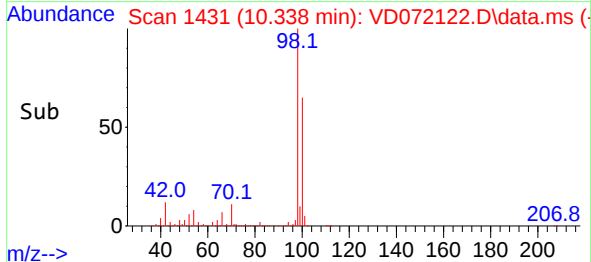
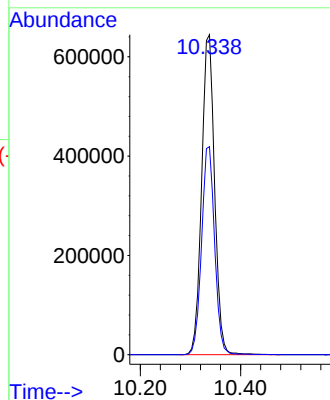
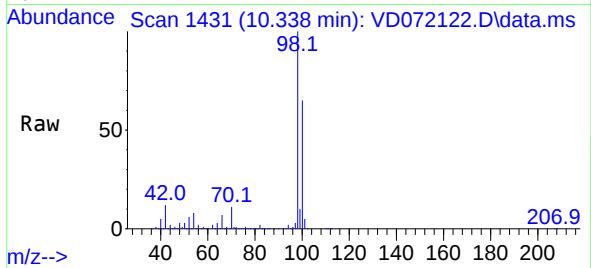




#50
Toluene-d8
Concen: 54.986 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072122.D
Acq: 28 Feb 2022 15:00

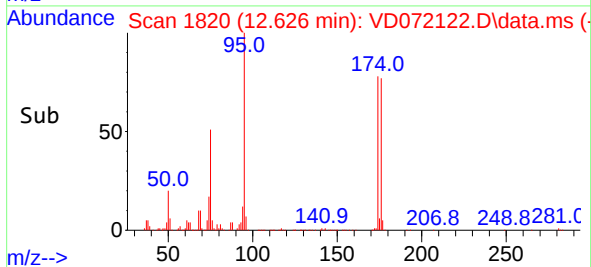
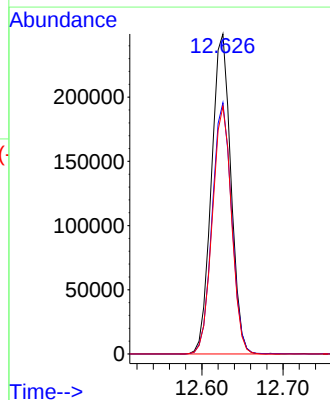
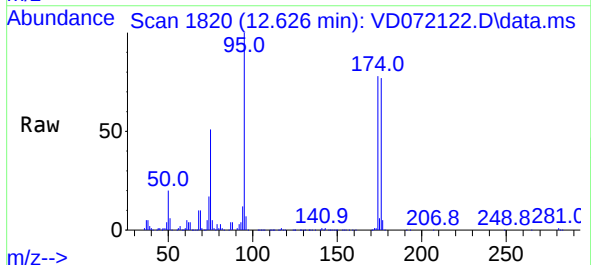
Instrument :
MSVOA_D
ClientSampleId :
RO-72-11944

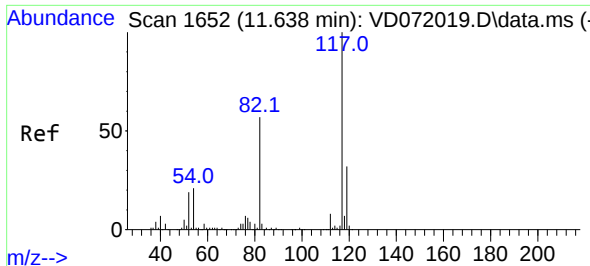
Tgt Ion: 98 Resp: 1154205
Ion Ratio Lower Upper
98 100
100 65.6 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.724 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072122.D
Acq: 28 Feb 2022 15:00

Tgt Ion: 95 Resp: 414241
Ion Ratio Lower Upper
95 100
174 78.4 0.0 155.0
176 76.3 0.0 148.8

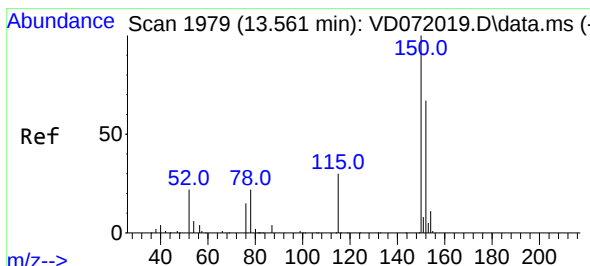
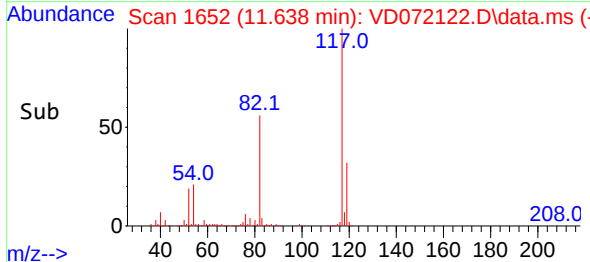
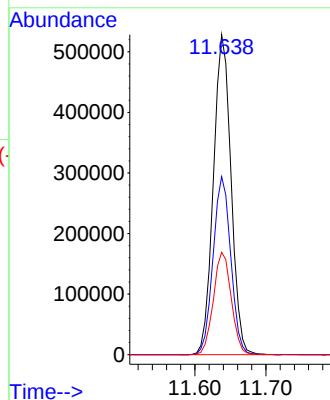
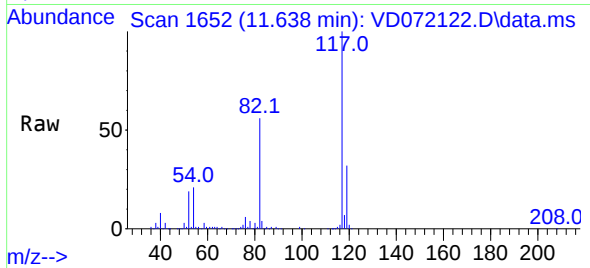




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072122.D
Acq: 28 Feb 2022 15:00

Instrument :
MSVOA_D
ClientSampleId :
RO-72-11944

Tgt Ion:117 Resp: 910170
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072122.D
Acq: 28 Feb 2022 15:00

Tgt Ion:152 Resp: 437666
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.7
150 156.4 0.0 347.6

