

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072096.D
 Acq On : 25 Feb 2022 13:14
 Operator : VA/SY
 Sample : N1670-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-022422

Quant Time: Feb 26 05:41:31 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	5994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	9722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	9596	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	4778	76.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.700%
35) Dibromofluoromethane	7.914	113	3910	66.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.760%
50) Toluene-d8	10.337	98	11196	51.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.620	95	3448	42.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.940%

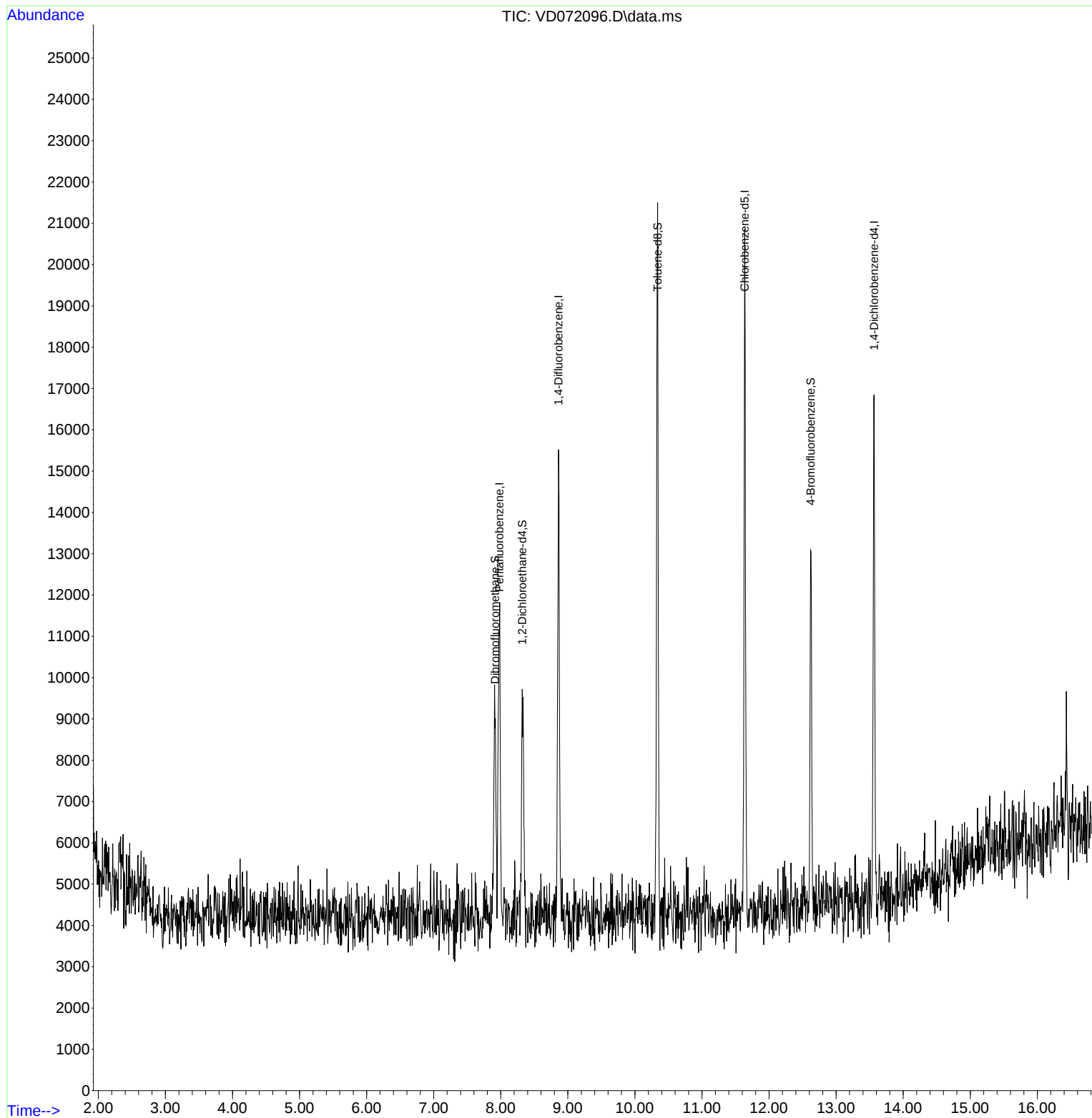
Target Compounds	Qvalue

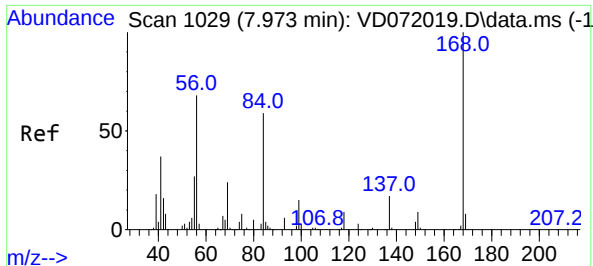
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072096.D

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MSVOA_D

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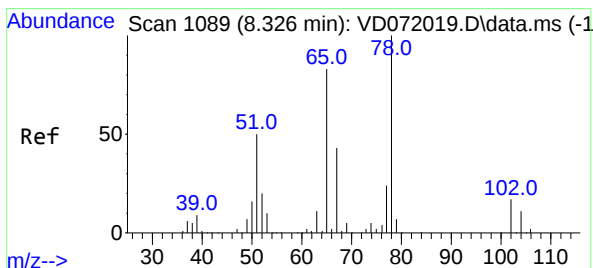
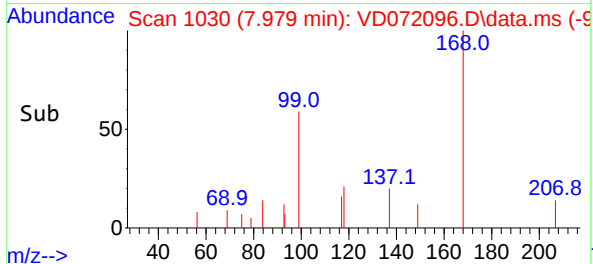
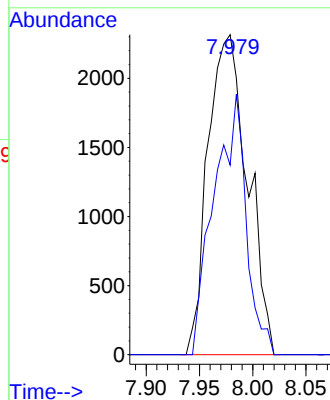
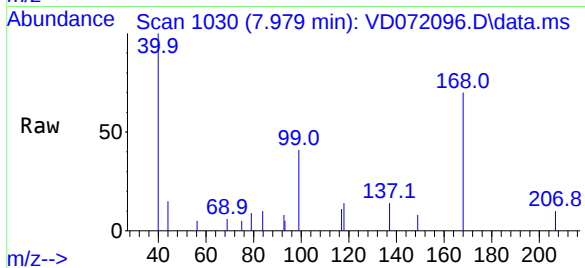
OR-03-022422

Tgt Ion:168 Resp: 5994

Ion Ratio Lower Upper

168 100

99 59.3 47.1 70.7



1,2-Dichloroethane-d4

Concen: 76.847 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072096.D

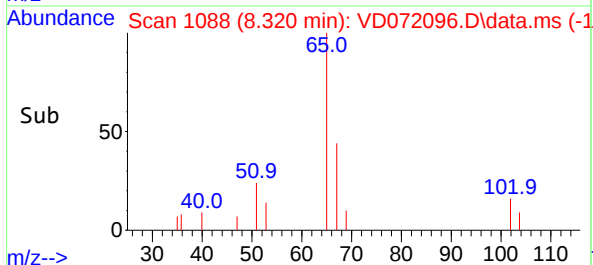
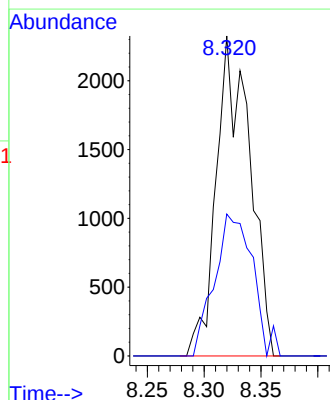
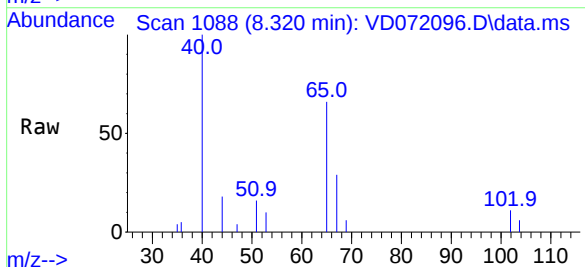
Acq: 25 Feb 2022 13:14

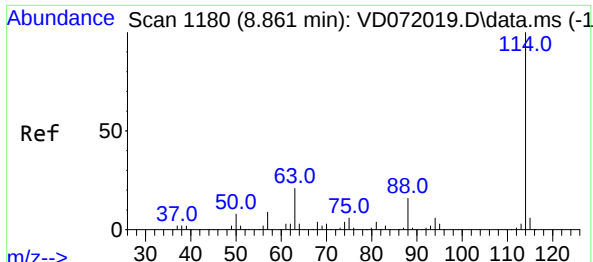
Tgt Ion: 65 Resp: 4778

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.6

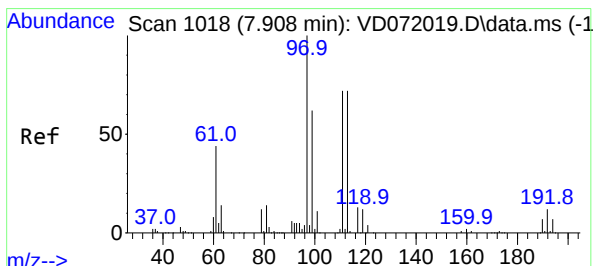
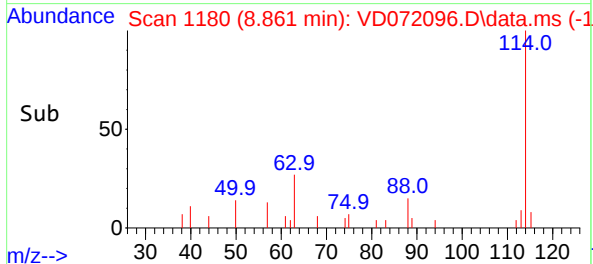
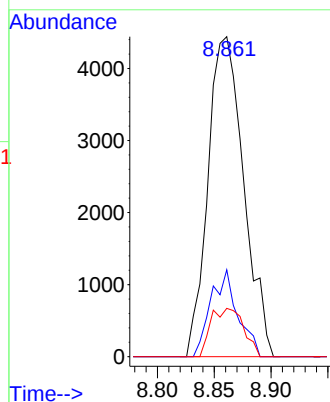
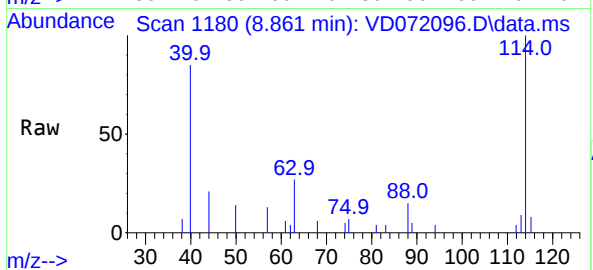




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

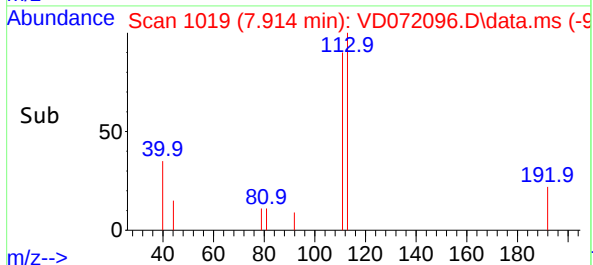
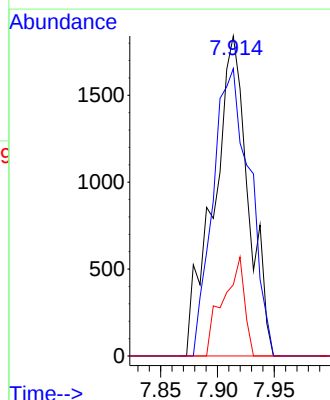
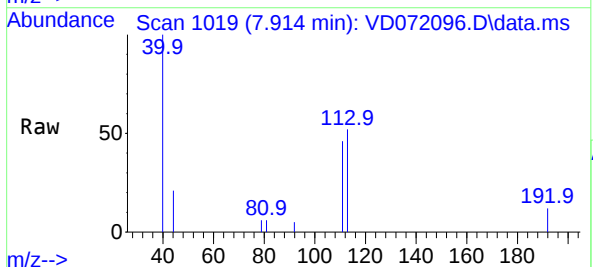
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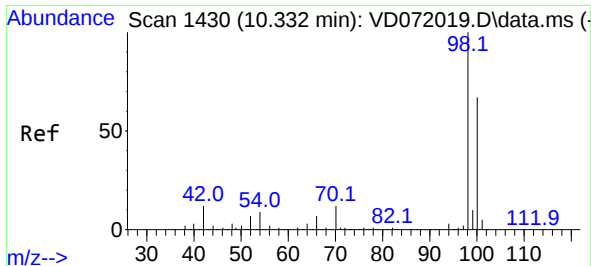
Tgt Ion:114	Resp:	9722
Ion Ratio	Lower	Upper
114	100	
63	27.2	0.0 42.2
88	15.1	0.0 31.2



#35
Dibromofluoromethane
Concen: 66.381 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion:113	Resp:	3910
Ion Ratio	Lower	Upper
113	100	
111	95.2	83.0 124.4
192	19.1	15.3 22.9

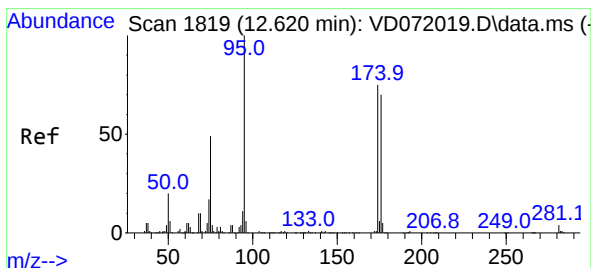
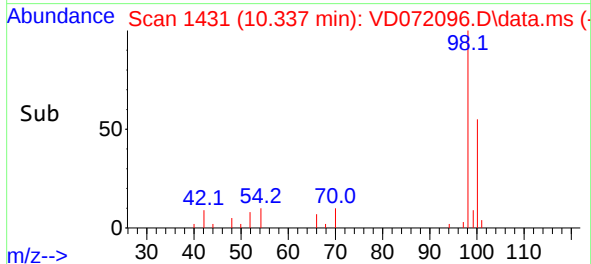
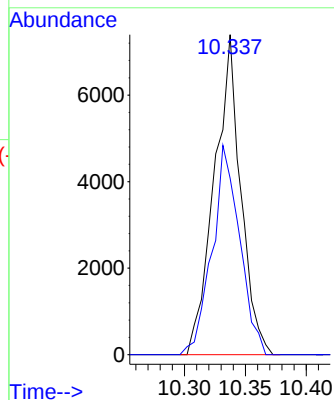
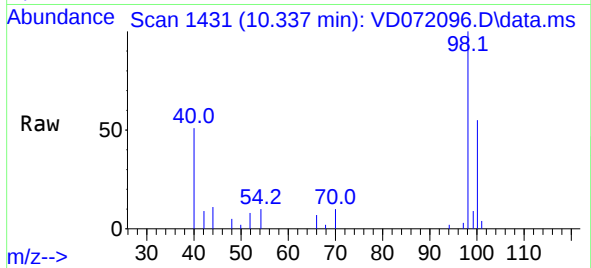




#50
Toluene-d8
Concen: 51.255 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

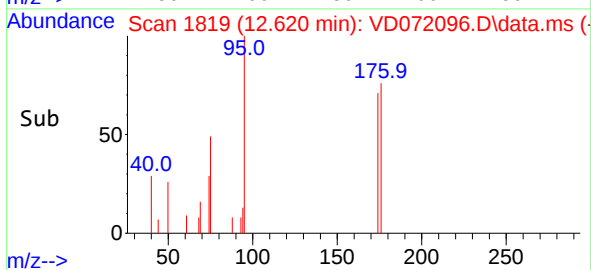
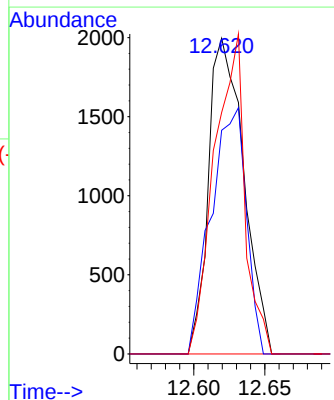
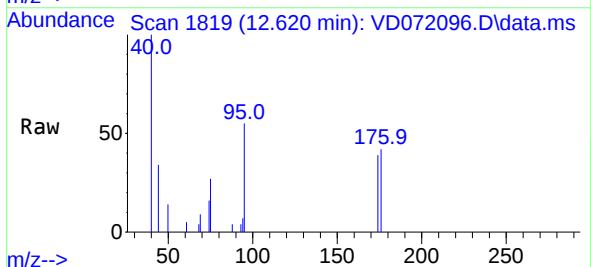
Instrument :
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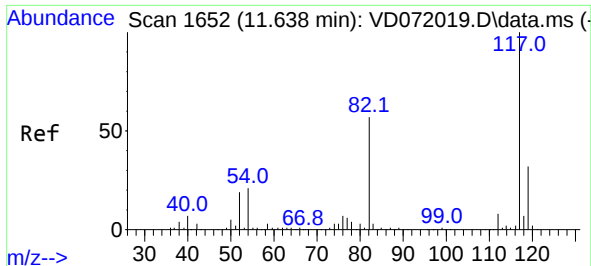
Tgt Ion: 98 Resp: 11196
Ion Ratio Lower Upper
98 100
100 68.0 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 42.972 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion: 95 Resp: 3448
Ion Ratio Lower Upper
95 100
174 77.8 0.0 155.0
176 87.5 0.0 148.8

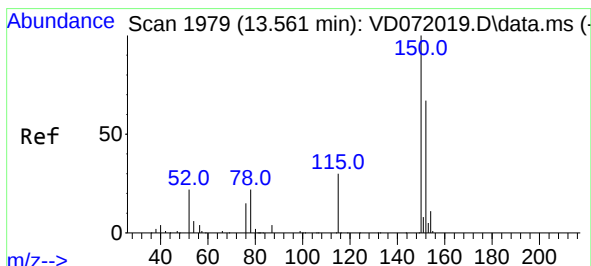
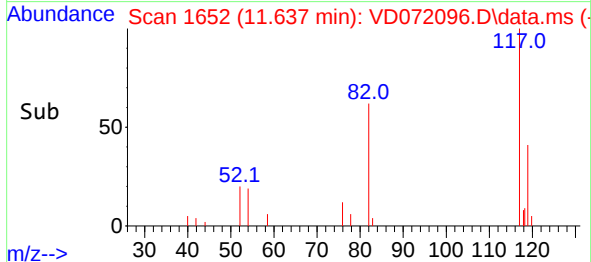
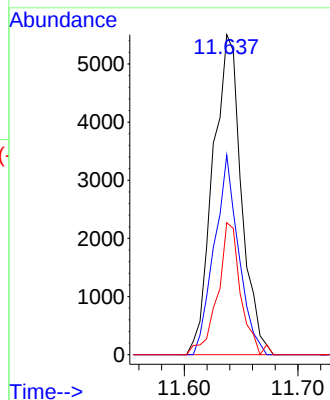
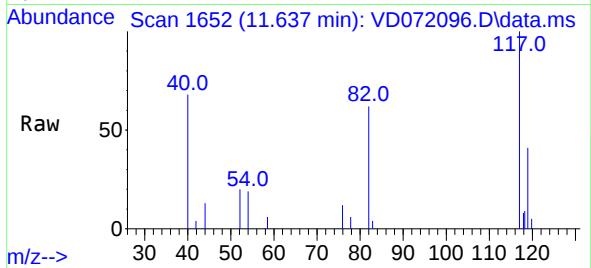




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072096.D
Acq: 25 Feb 2022 13:14

Instrument :
MSVOA_D
ClientSampleId :
OR-03-022422

Tgt Ion:117 Resp: 9596
Ion Ratio Lower Upper
117 100
82 62.4 45.4 68.0
119 41.2 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: VD072096.D
Acq: 25 Feb 2022 13:14

Tgt Ion:152 Resp: 3810
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 142.0 0.0 347.6

