

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050222\
 Data File : VD072750.D
 Acq On : 02 May 2022 17:09
 Operator : VA/SY
 Sample : N2607-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-02-042822

Quant Time: May 03 08:35:37 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	7.967	168	8450	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	15132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	16313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	6598	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8423	76.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.580%
35) Dibromofluoromethane	7.914	113	7234	68.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.140%
50) Toluene-d8	10.338	98	18182	47.695	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.620	95	6061	42.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.280%

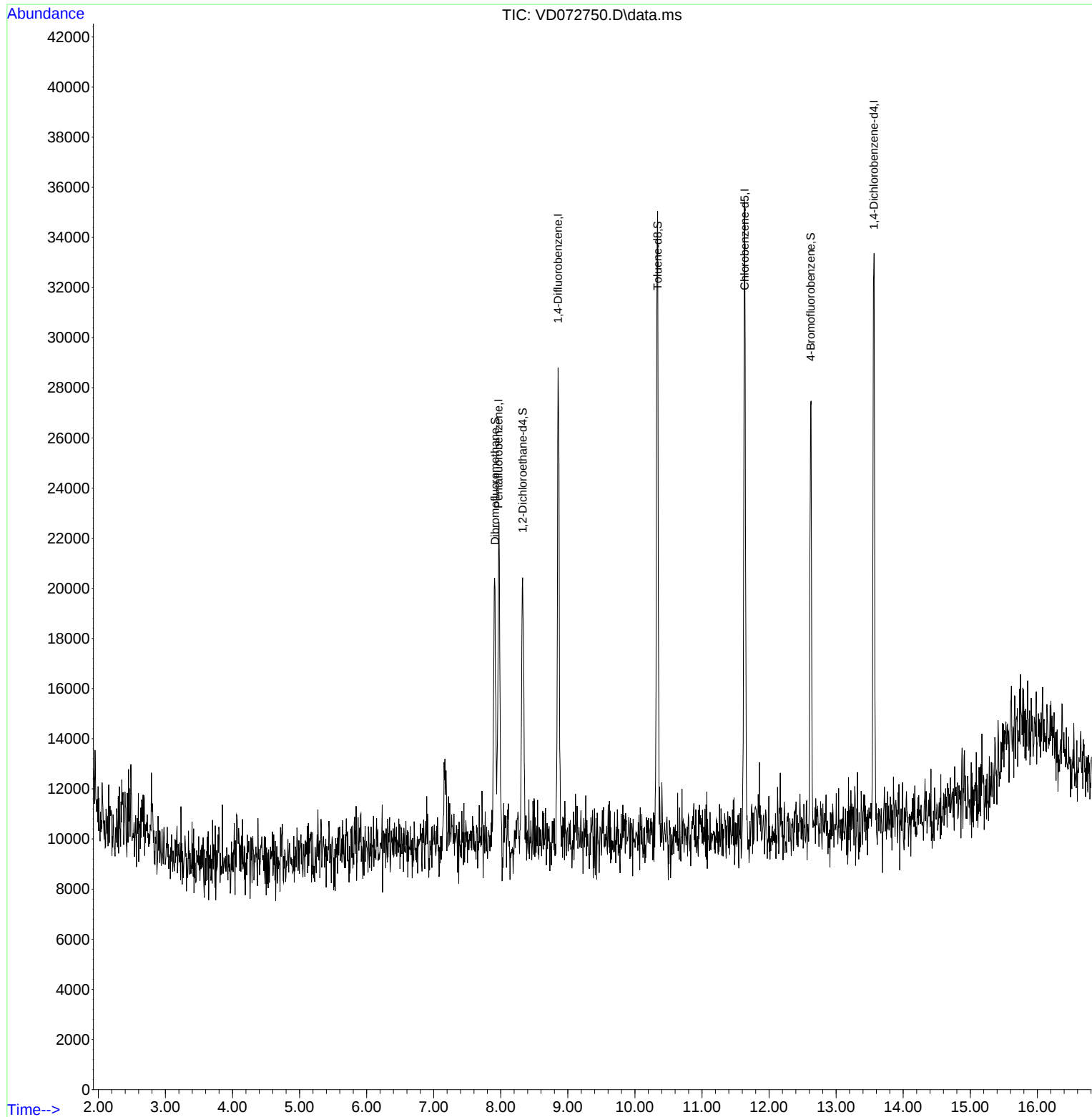
Target Compounds	Qvalue

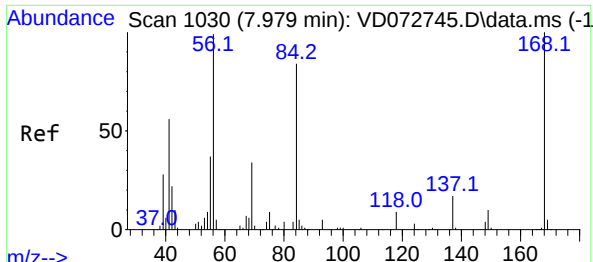
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD072750.D

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MSVOA_D

ClientSampleId :

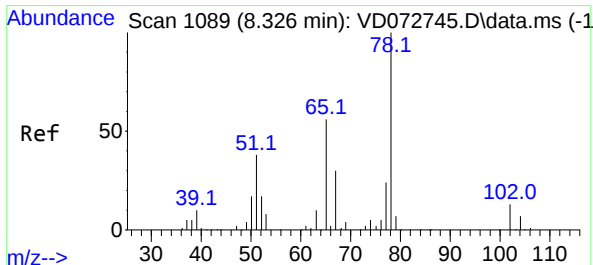
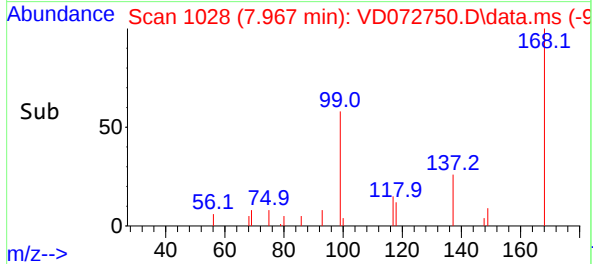
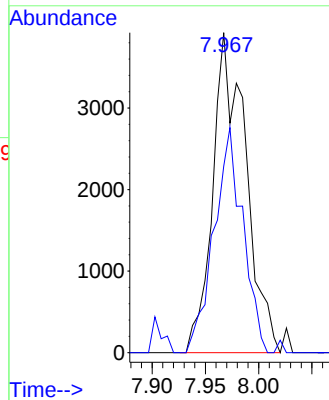
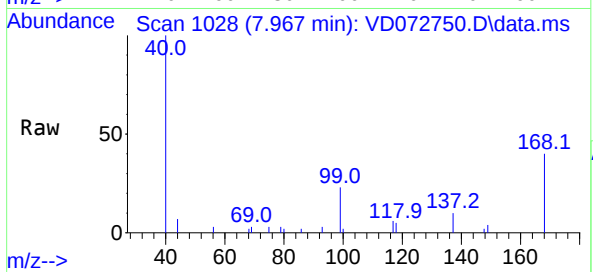
HR-02-042822

Tgt Ion:168 Resp: 8450

Ion Ratio Lower Upper

168 100

99 58.2 49.8 74.6



1,2-Dichloroethane-d4

Concen: 76.791 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072750.D

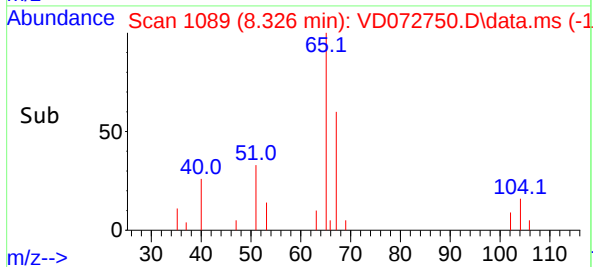
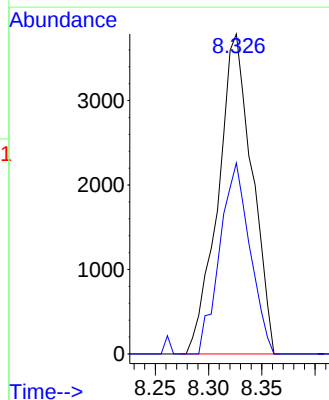
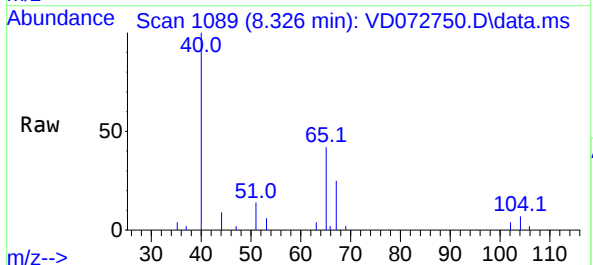
Acq: 02 May 2022 17:09

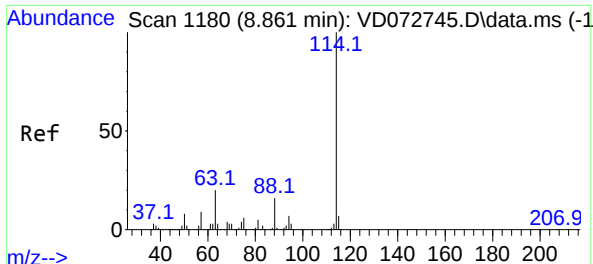
Tgt Ion: 65 Resp: 8423

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072750.D

Acq: 02 May 2022 17:09

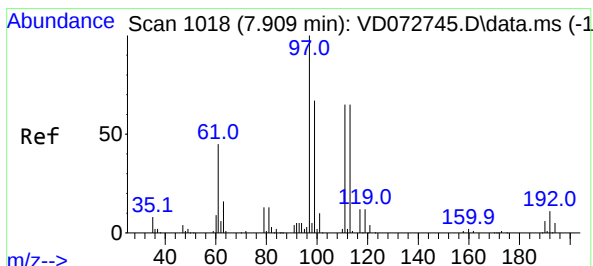
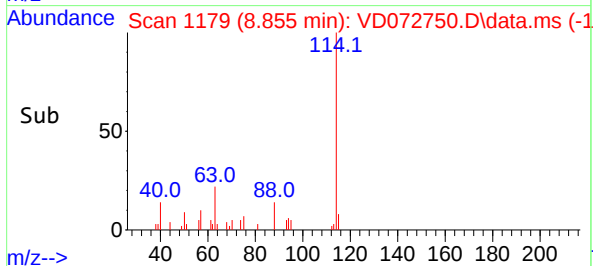
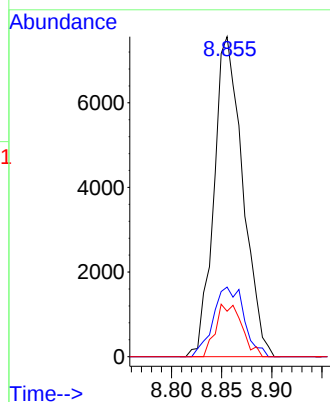
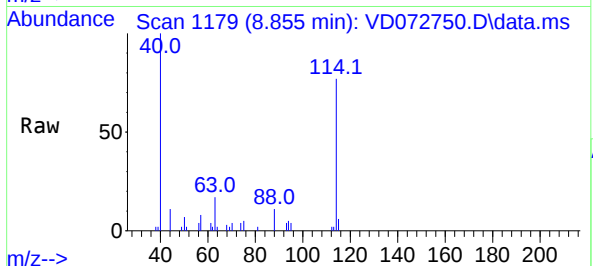
Instrument :

MSVOA_D

ClientSampleId :

HR-02-042822

Tgt Ion:	114	Resp:	15132
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	46.6
88	14.2	0.0	33.2



#35

Dibromofluoromethane

Concen: 68.070 ug/l

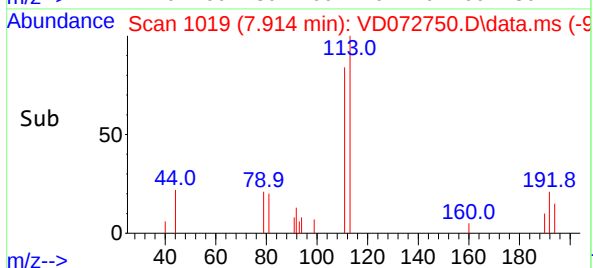
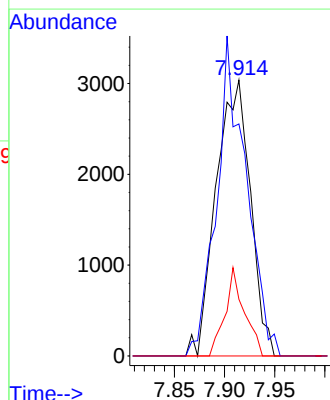
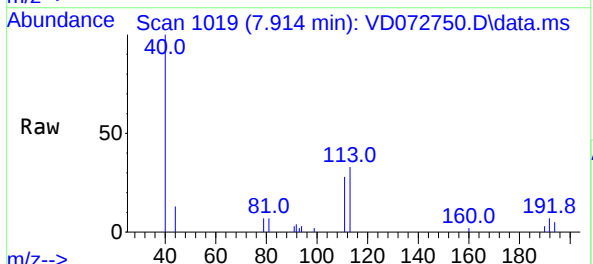
RT: 7.914 min Scan# 1019

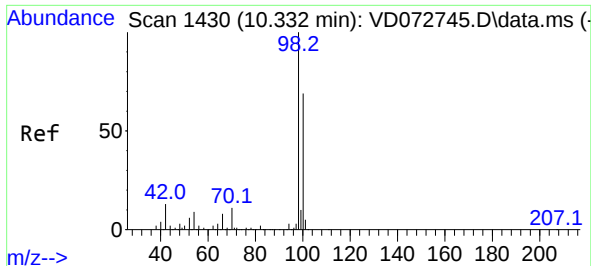
Delta R.T. 0.005 min

Lab File: VD072750.D

Acq: 02 May 2022 17:09

Tgt Ion:	113	Resp:	7234
Ion	Ratio	Lower	Upper
113	100		
111	99.6	83.8	125.6
192	17.9	14.6	21.8

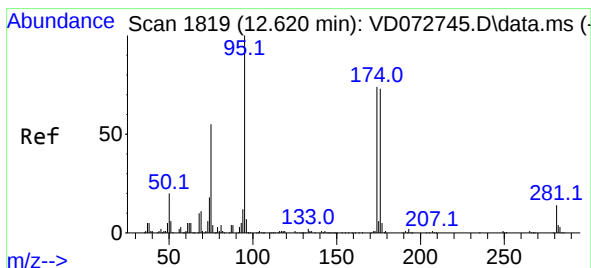
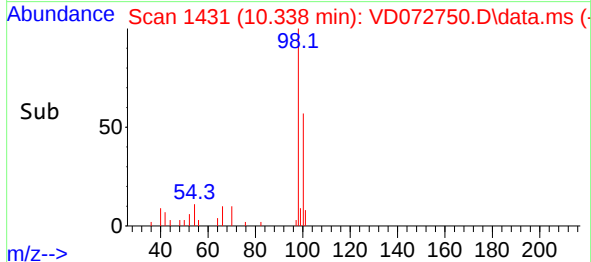
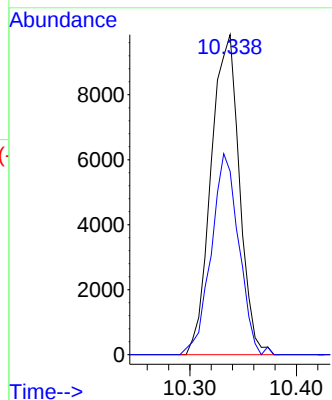
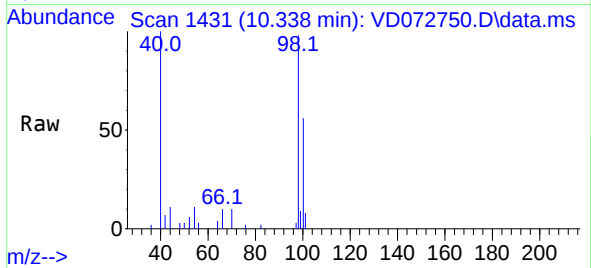




#50
Toluene-d8
Concen: 47.695 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072750.D
Acq: 02 May 2022 17:09

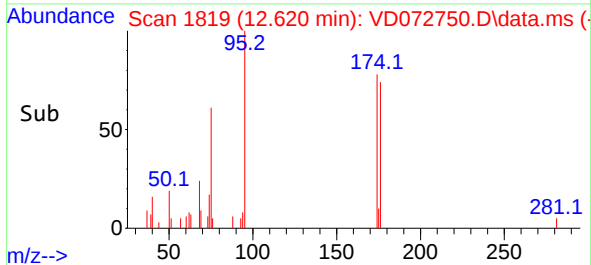
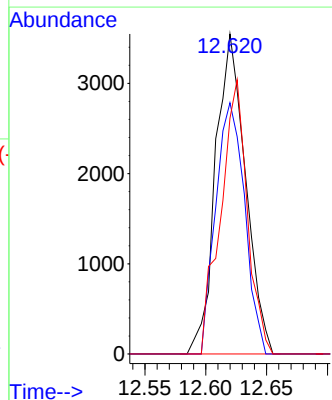
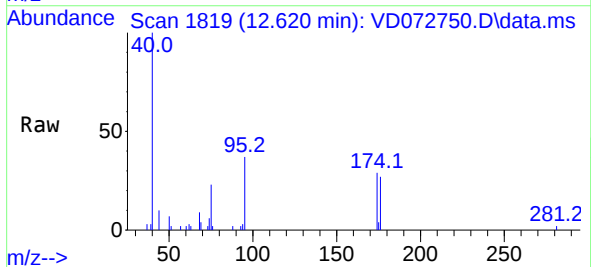
Instrument :
MSVOA_D
ClientSampleId :
HR-02-042822

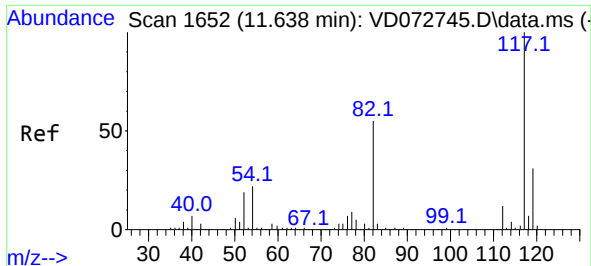
Tgt Ion: 98 Resp: 18182
Ion Ratio Lower Upper
98 100
100 61.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.640 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072750.D
Acq: 02 May 2022 17:09

Tgt Ion: 95 Resp: 6061
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 76.3 0.0 145.4

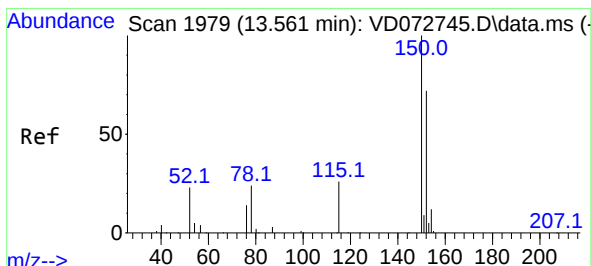
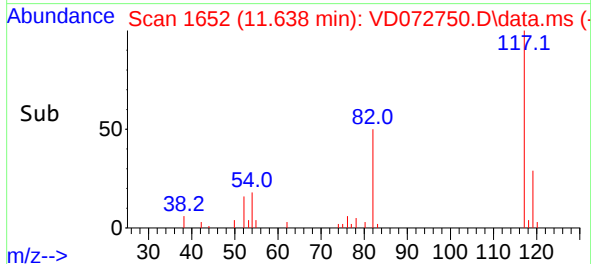
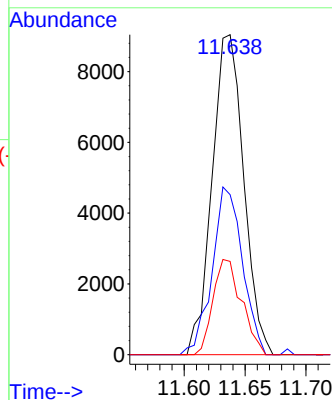
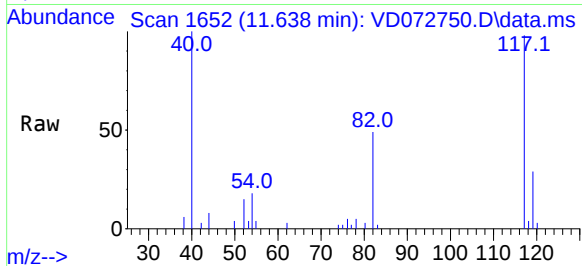




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072750.D
Acq: 02 May 2022 17:09

Instrument :
MSVOA_D
ClientSampleId :
HR-02-042822

Tgt Ion:117	Resp:	16313
Ion	Ratio	Lower Upper
117	100	
82	50.0	45.3 67.9
119	29.1	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: VD072750.D
Acq: 02 May 2022 17:09

Tgt Ion:152	Resp:	6598
Ion	Ratio	Lower Upper
152	100	
115	62.9	31.3 93.8
150	139.0	0.0 348.6

