

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078952.D
 Acq On : 16 May 2024 18:11
 Operator : RP/MD
 Sample : P2496-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24376

Quant Time: May 17 06:12:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	111344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	241677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64511	61.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.540%	
35) Dibromofluoromethane	7.805	113	83083	51.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.280%	
50) Toluene-d8	10.269	98	310006	51.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.575	95	76694	45.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.540%	

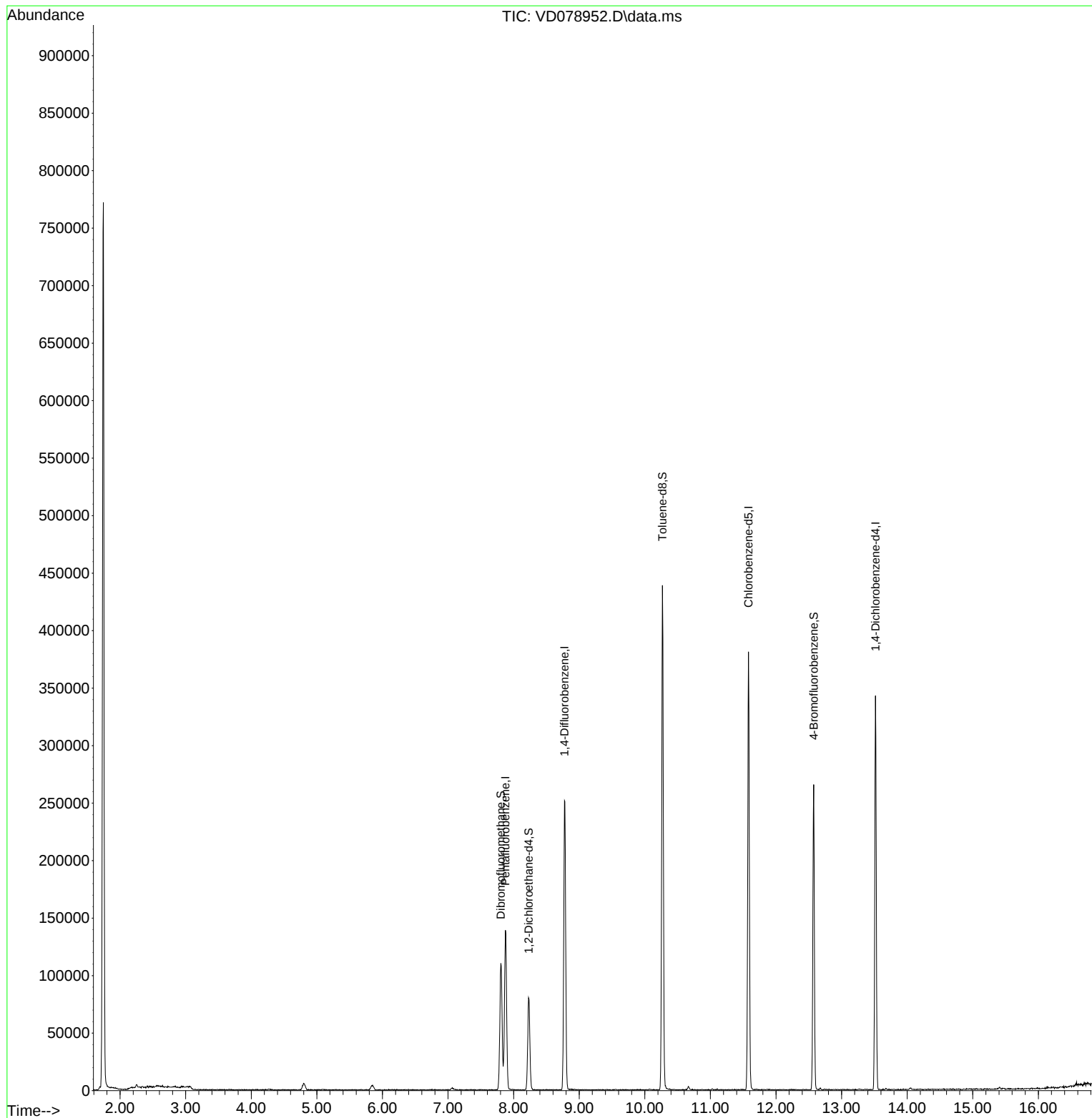
Target Compounds	Qvalue

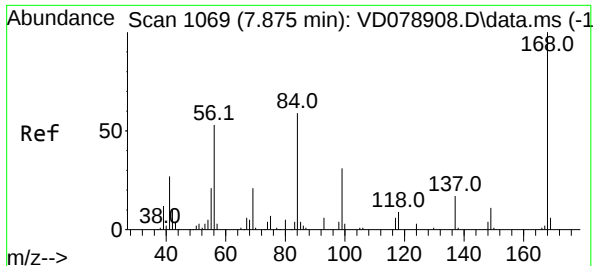
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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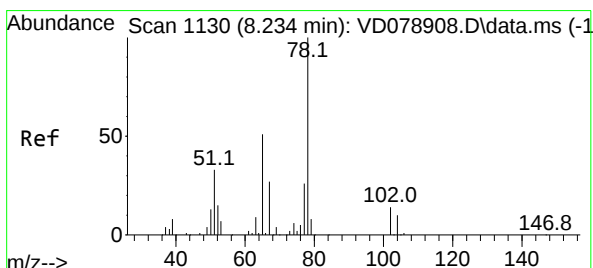
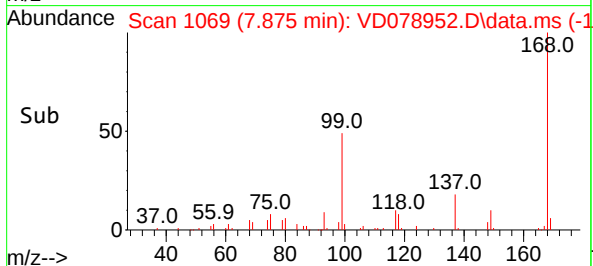
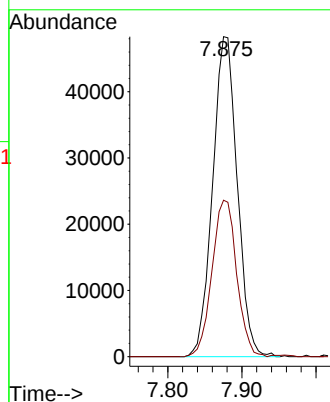
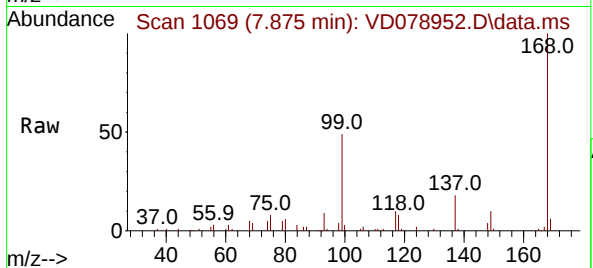




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD078952.D
Acq: 16 May 2024 18:11

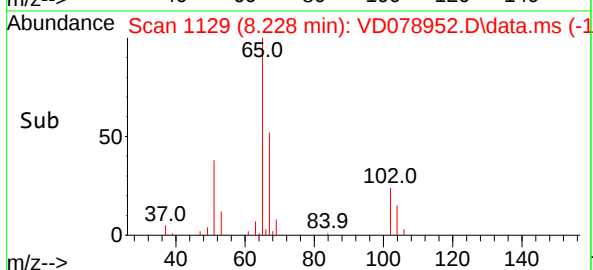
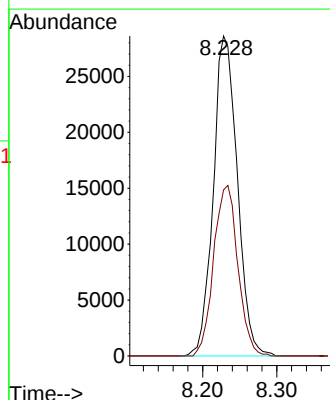
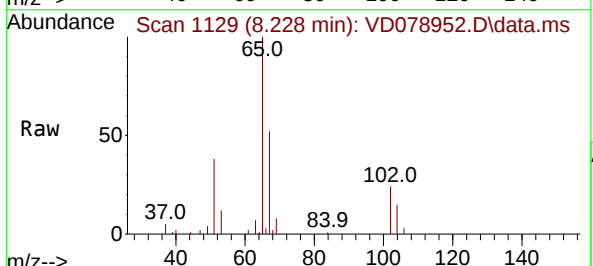
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24376

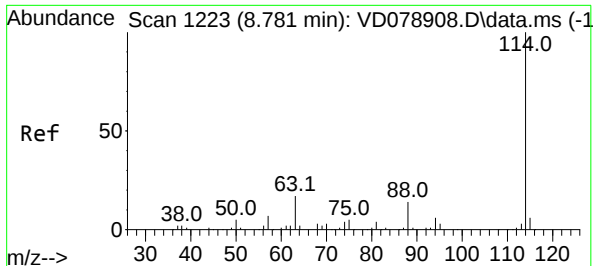
Tgt Ion:168 Resp: 111344
Ion Ratio Lower Upper
168 100
99 48.9 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 61.768 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078952.D
Acq: 16 May 2024 18:11

Tgt Ion: 65 Resp: 64511
Ion Ratio Lower Upper
65 100
67 53.6 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD078952.D

Acq: 16 May 2024 18:11

Instrument :

MSVOA_D

ClientSampleId :

CHRT-24376

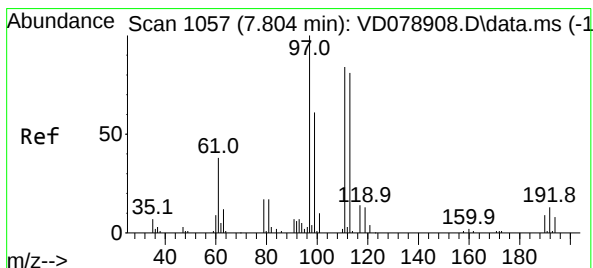
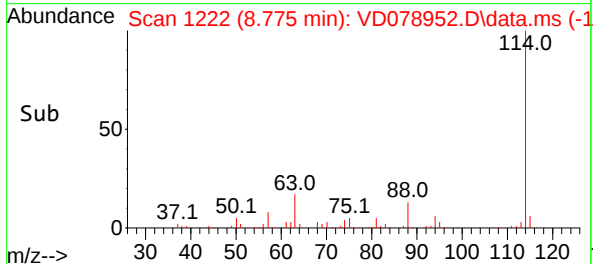
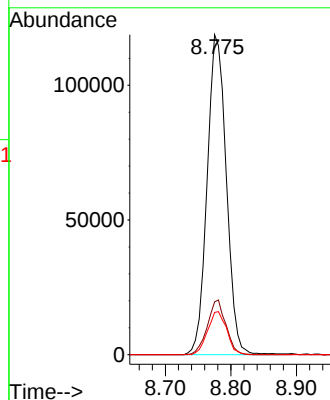
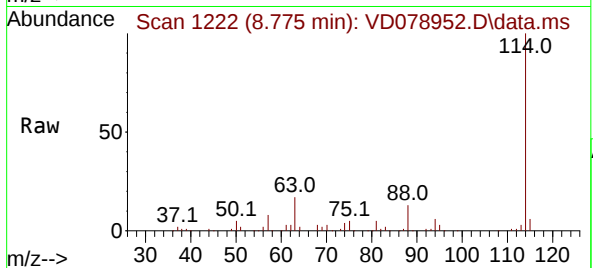
Tgt Ion:114 Resp: 241677

Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.644 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078952.D

Acq: 16 May 2024 18:11

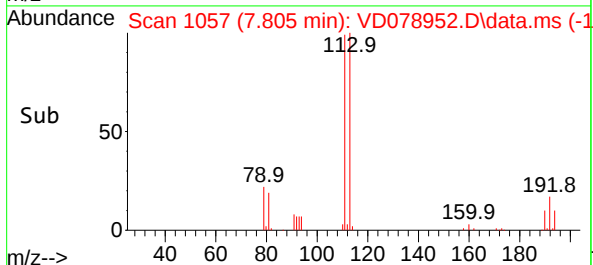
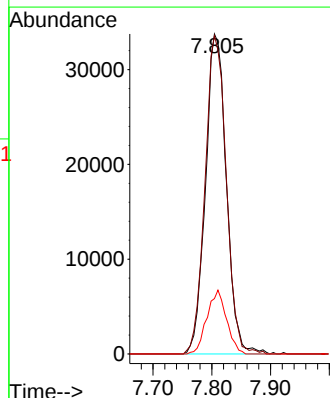
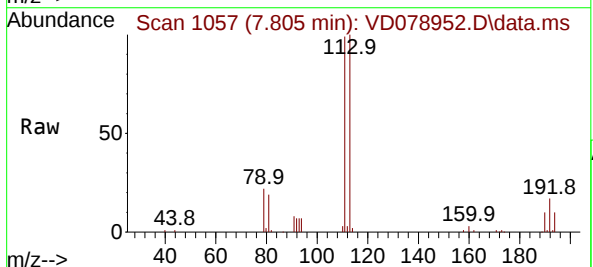
Tgt Ion:113 Resp: 83083

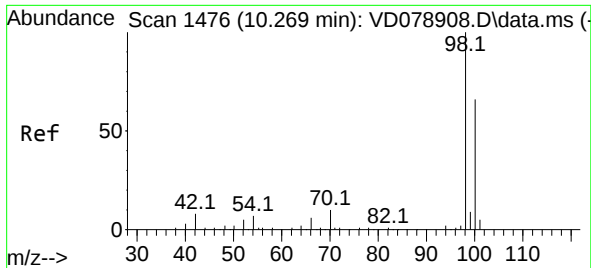
Ion Ratio Lower Upper

113 100

111 101.1 84.0 126.0

192 18.8 15.4 23.0

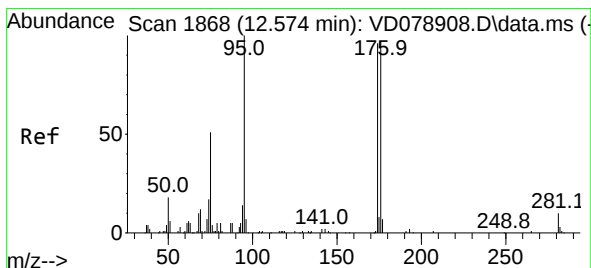
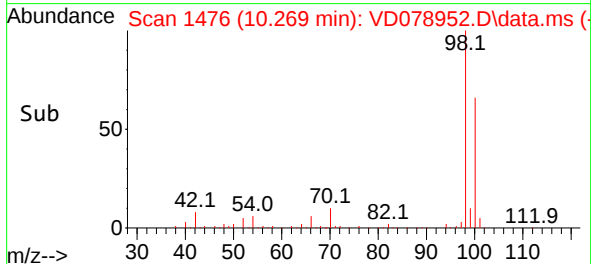
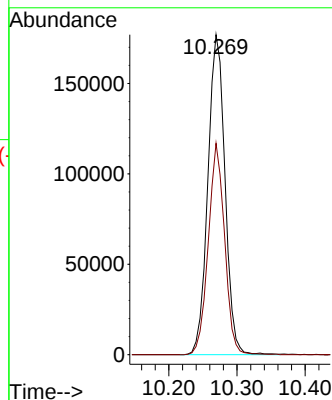
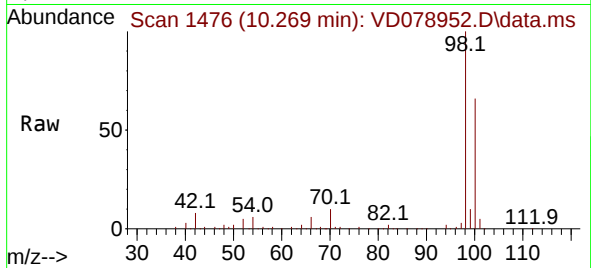




#50
Toluene-d8
Concen: 51.402 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078952.D
Acq: 16 May 2024 18:11

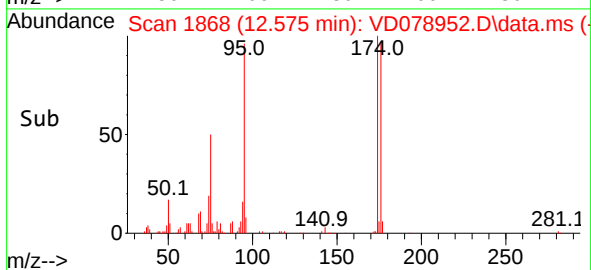
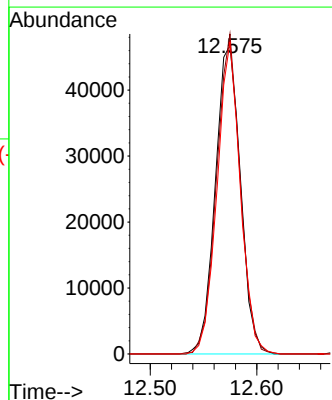
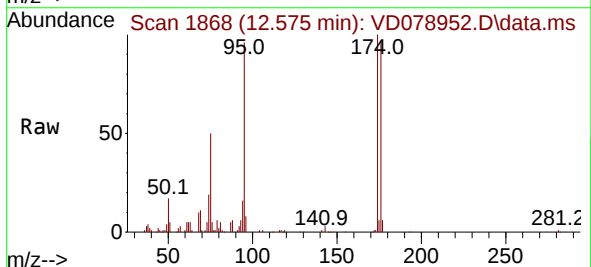
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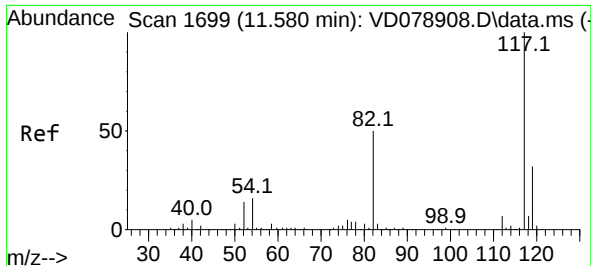
Tgt Ion: 98 Resp: 310006
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.267 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078952.D
Acq: 16 May 2024 18:11

Tgt Ion: 95 Resp: 76694
Ion Ratio Lower Upper
95 100
174 97.4 0.0 195.4
176 93.2 0.0 192.6

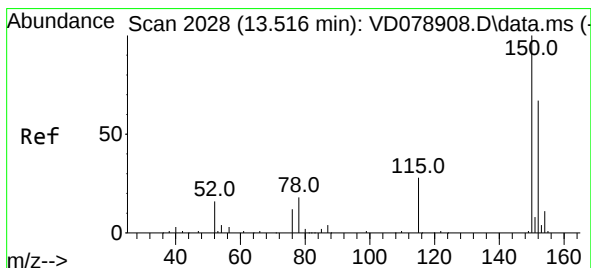
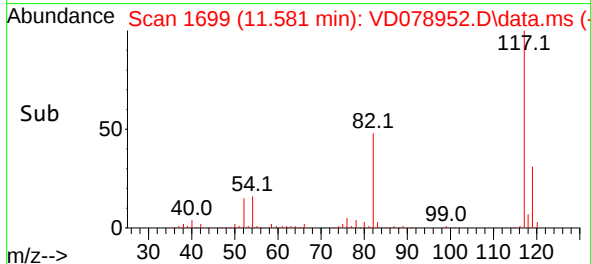
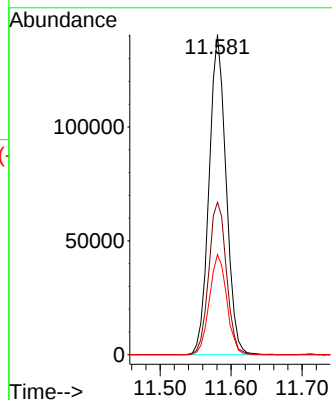
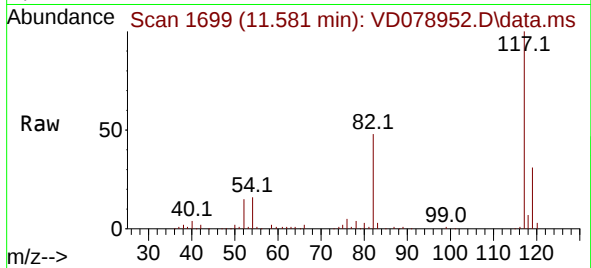




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078952.D
Acq: 16 May 2024 18:11

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24376

Tgt Ion:117 Resp: 233697
Ion Ratio Lower Upper
117 100
82 47.6 39.8 59.6
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078952.D
Acq: 16 May 2024 18:11

Tgt Ion:152 Resp: 97278
Ion Ratio Lower Upper
152 100
115 52.0 26.5 79.5
150 153.9 0.0 341.6

