

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074861.D
 Acq On : 10 Nov 2022 12:11
 Operator : VA/SY
 Sample : VD1110SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBL01

Quant Time: Nov 10 16:39:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	135349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	211255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57511	53.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.300%	
35) Dibromofluoromethane	7.805	113	72506	58.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.040%	
50) Toluene-d8	10.269	98	228077	50.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.575	95	66084	50.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.420%	

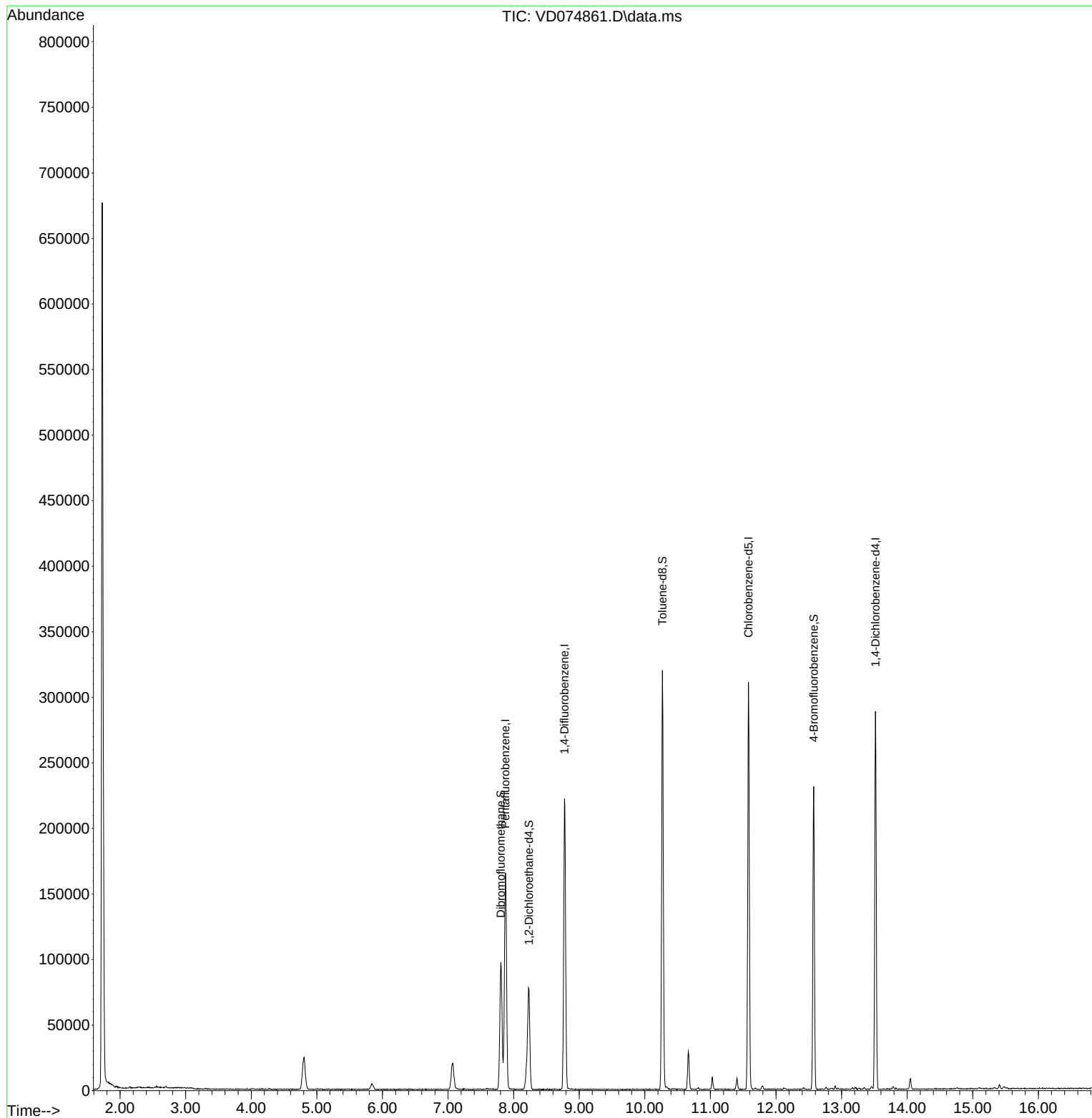
Target Compounds	Qvalue

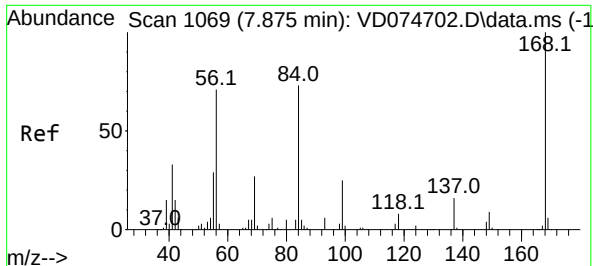
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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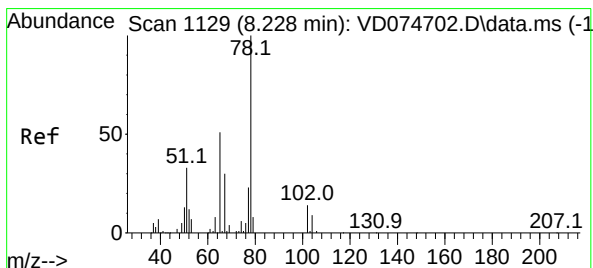
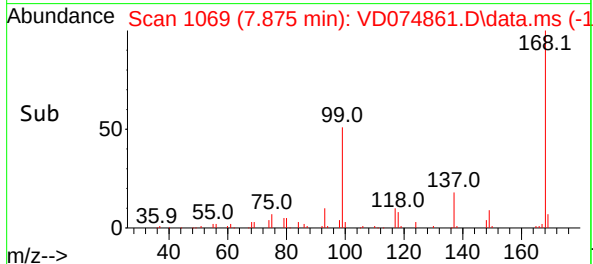
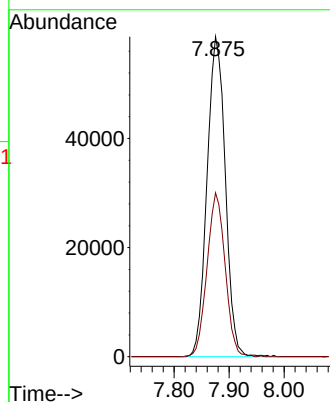
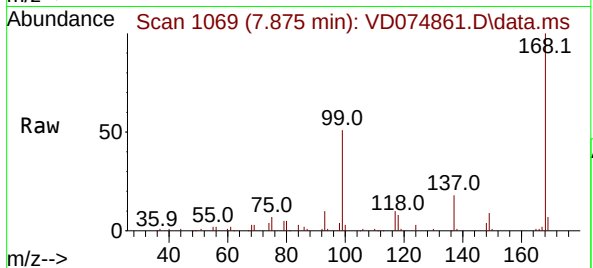




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

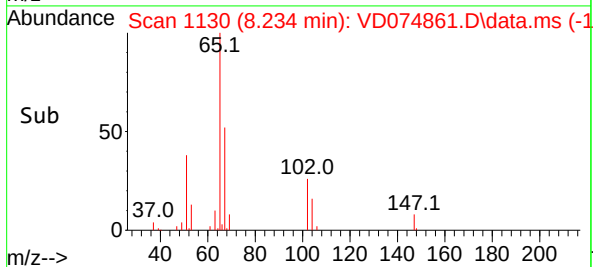
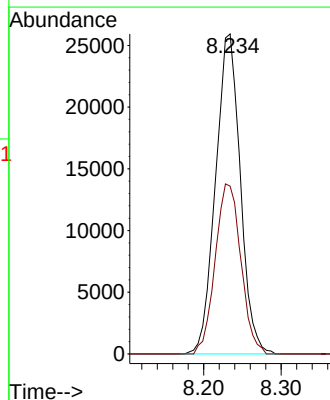
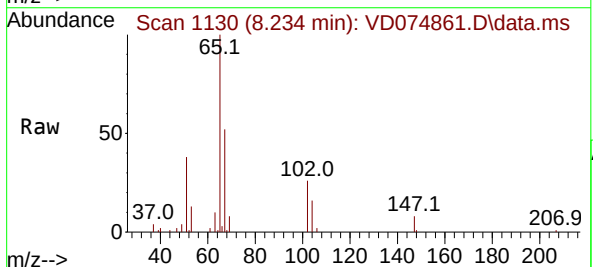
Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

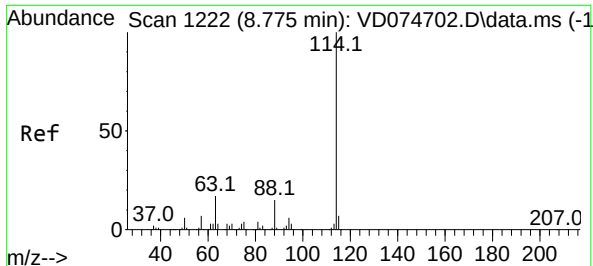
Tgt Ion:168 Resp: 135349
Ion Ratio Lower Upper
168 100
99 51.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 53.649 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Tgt Ion: 65 Resp: 57511
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074861.D

Acq: 10 Nov 2022 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD1110SBL01

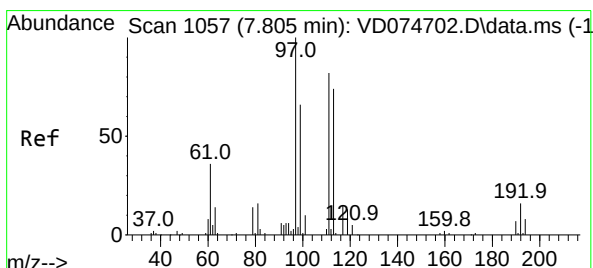
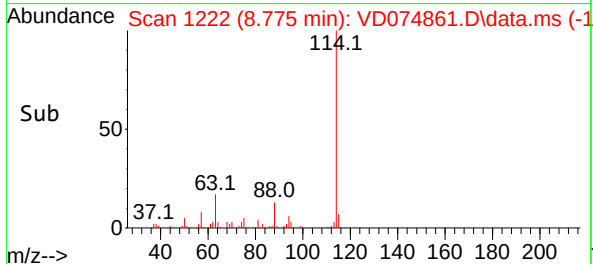
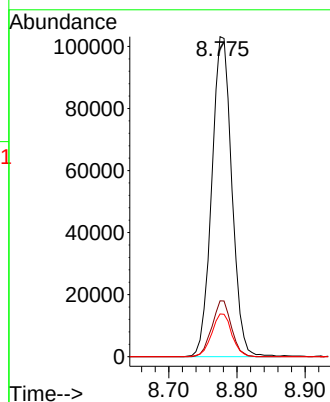
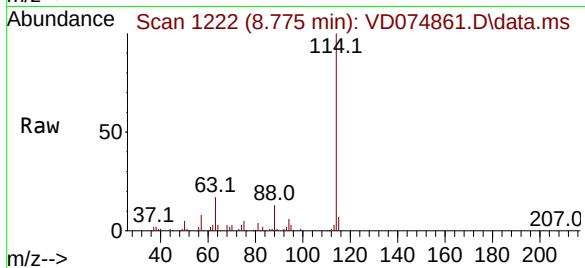
Tgt Ion:114 Resp: 211255

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.021 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074861.D

Acq: 10 Nov 2022 12:11

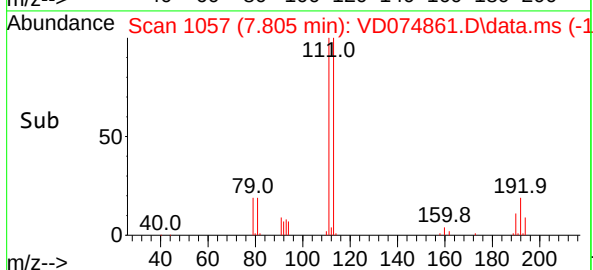
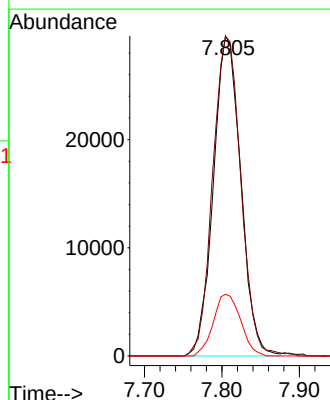
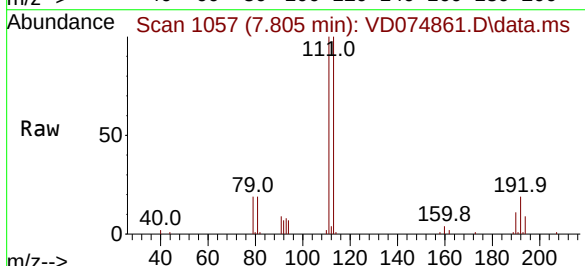
Tgt Ion:113 Resp: 72506

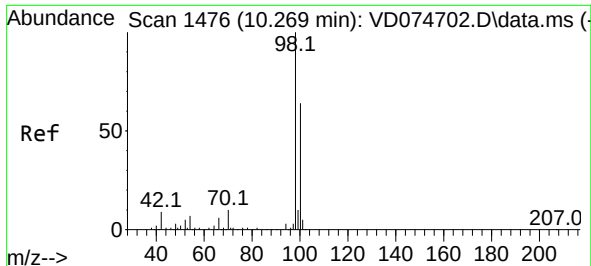
Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 19.3 16.4 24.6

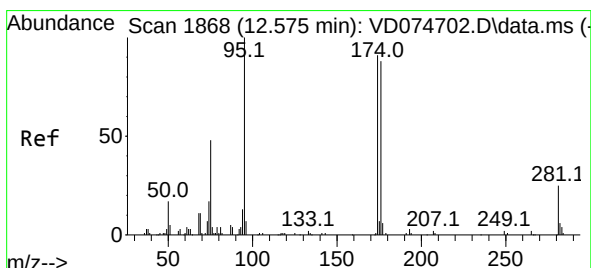
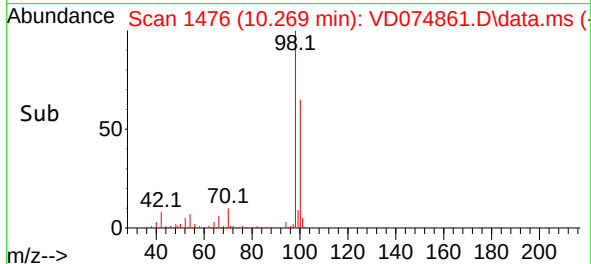
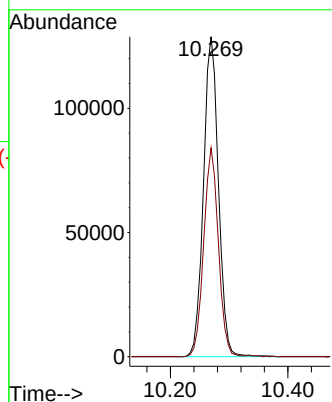
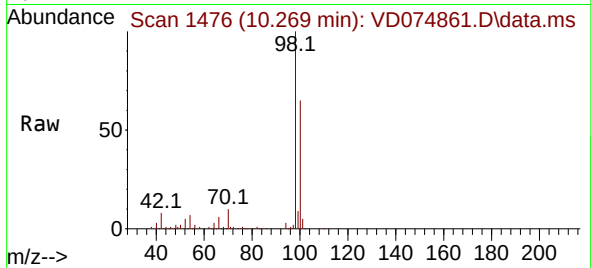




#50
Toluene-d8
Concen: 50.035 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

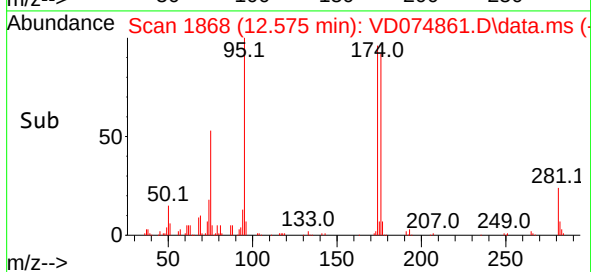
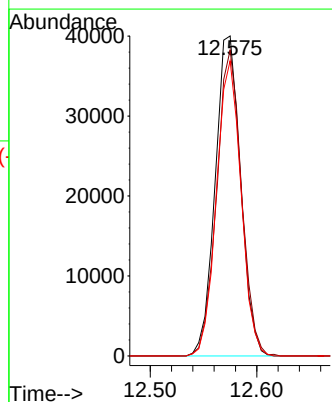
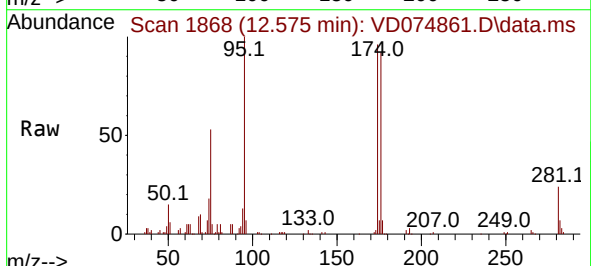
Instrument :
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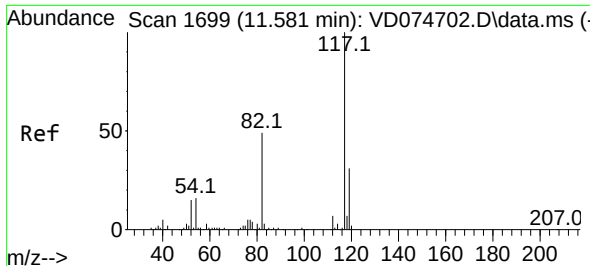
Tgt Ion: 98 Resp: 228077
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.210 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Tgt Ion: 95 Resp: 66084
Ion Ratio Lower Upper
95 100
174 93.5 0.0 197.0
176 89.2 0.0 182.6

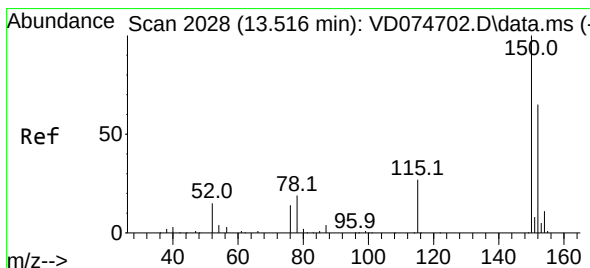
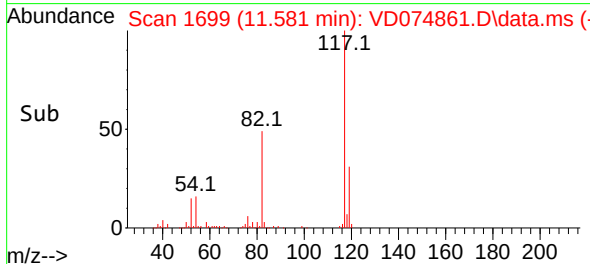
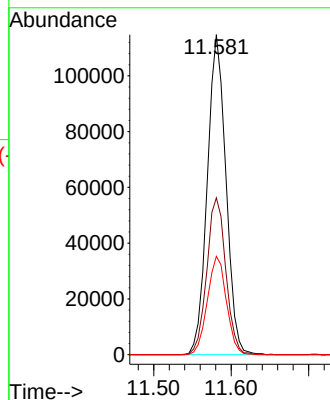
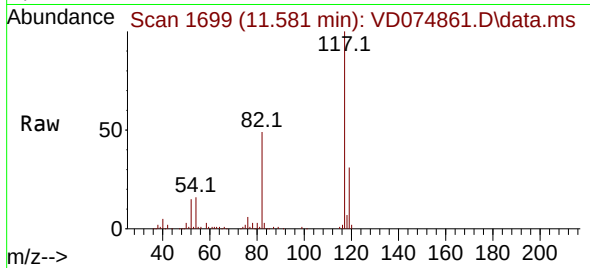




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD1110SBL01

Tgt Ion:117 Resp: 191203
Ion Ratio Lower Upper
117 100
82 49.0 41.6 62.4
119 30.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074861.D
Acq: 10 Nov 2022 12:11

Tgt Ion:152 Resp: 83674
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 156.6 0.0 348.2

