

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078414.D
 Acq On : 14 Feb 2024 15:11
 Operator : RP/MD
 Sample : P1444-02
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Feb 15 03:41:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	118288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	252193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	288430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65603	51.293	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.580%	
35) Dibromofluoromethane	7.810	113	82676	51.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.269	98	337712	52.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	12.574	95	109150	58.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.060%	

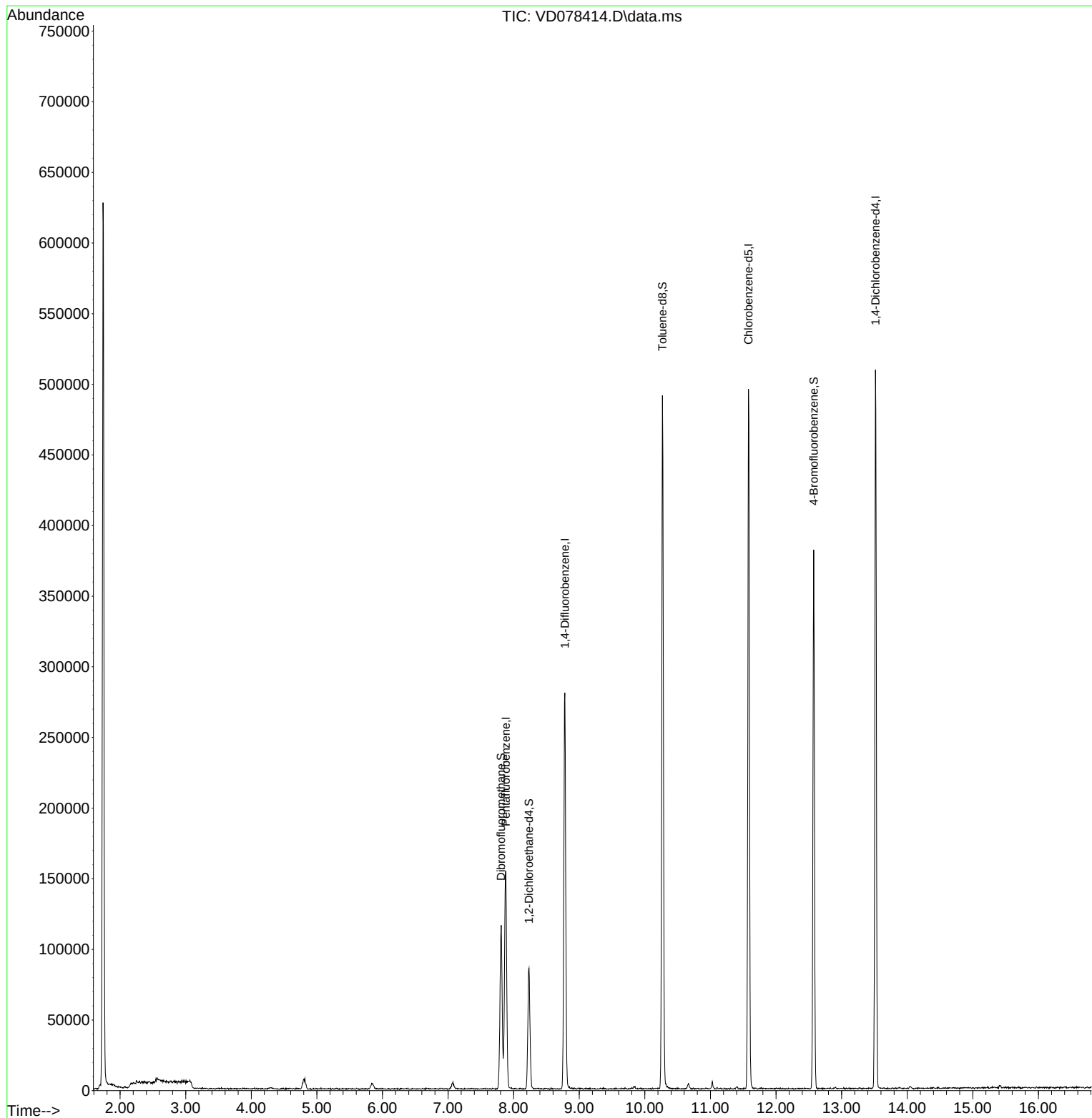
Target Compounds	Qvalue

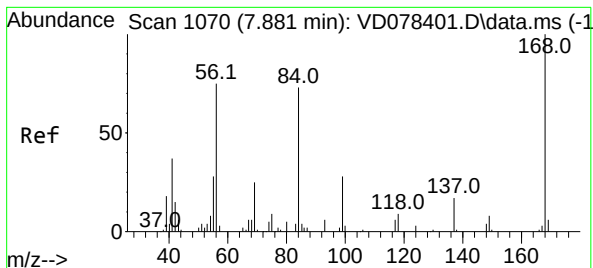
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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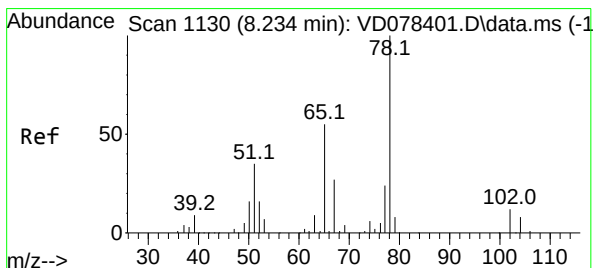
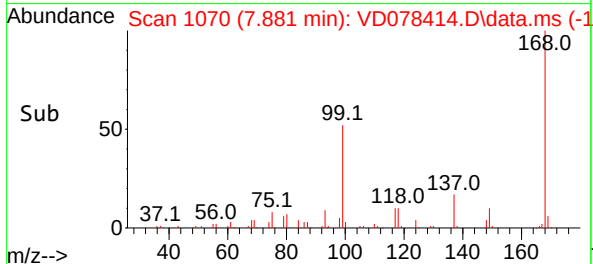
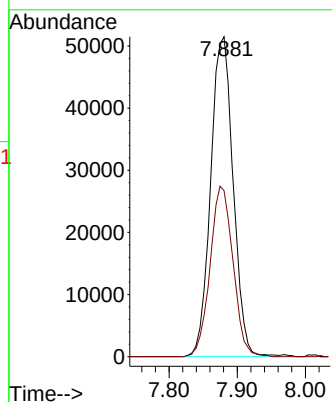
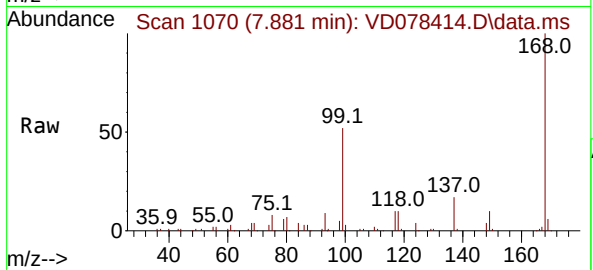




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

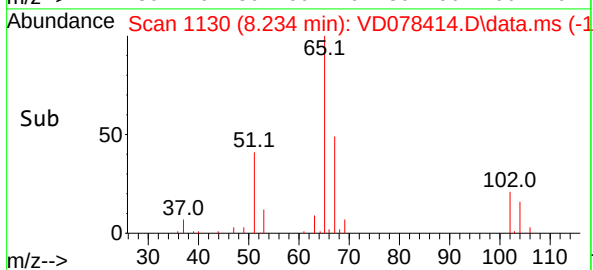
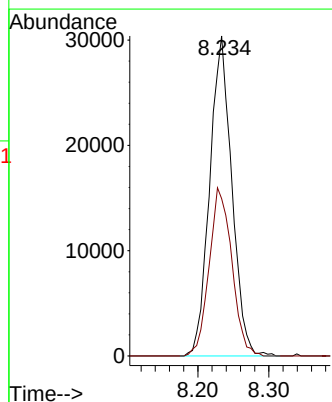
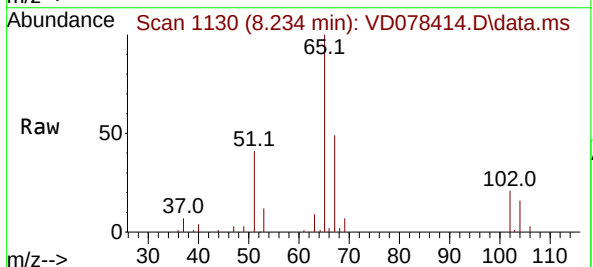
Instrument :
MSVOA_D
ClientSampleId :
VOC

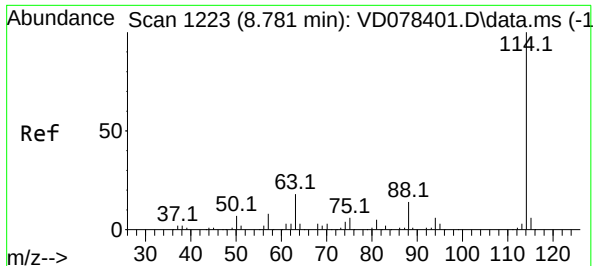
Tgt Ion:168 Resp: 118288
Ion Ratio Lower Upper
168 100
99 51.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.293 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Tgt Ion: 65 Resp: 65603
Ion Ratio Lower Upper
65 100
67 54.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078414.D

Acq: 14 Feb 2024 15:11

Instrument :

MSVOA_D

ClientSampleId :

VOC

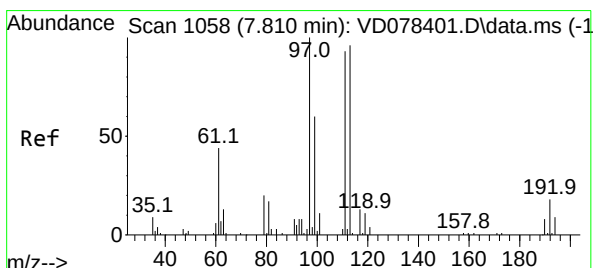
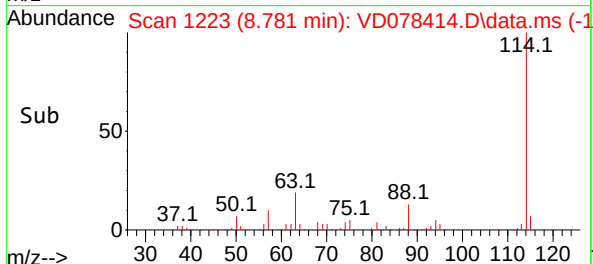
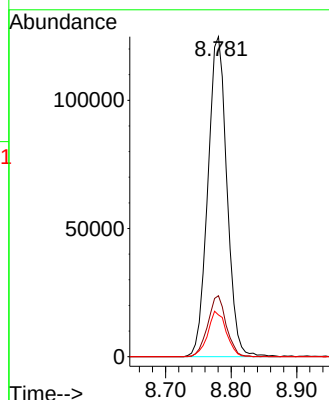
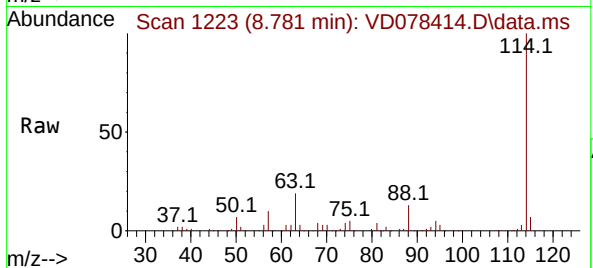
Tgt Ion:114 Resp: 252193

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.609 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078414.D

Acq: 14 Feb 2024 15:11

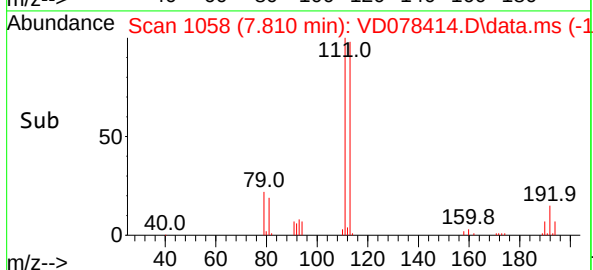
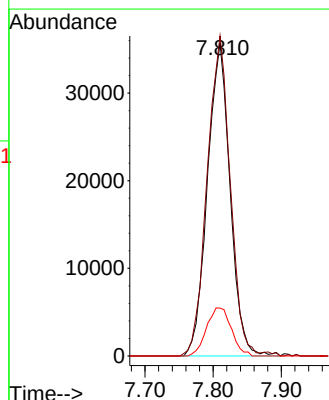
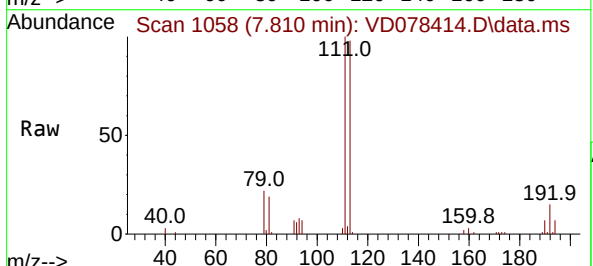
Tgt Ion:113 Resp: 82676

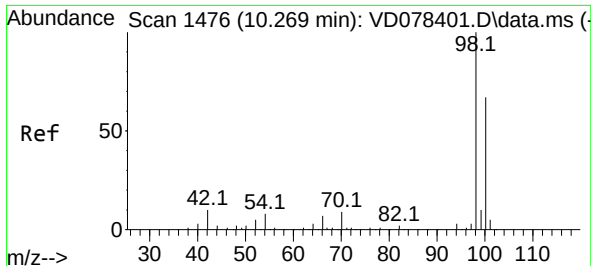
Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 16.8 16.8 25.2

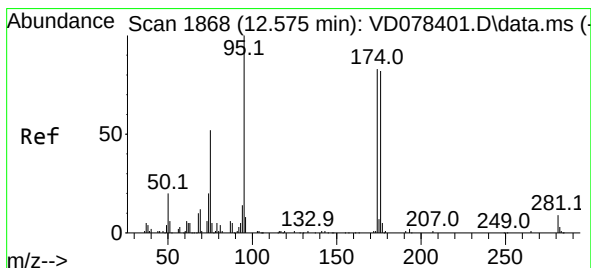
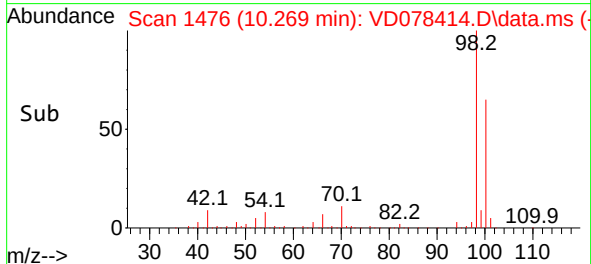
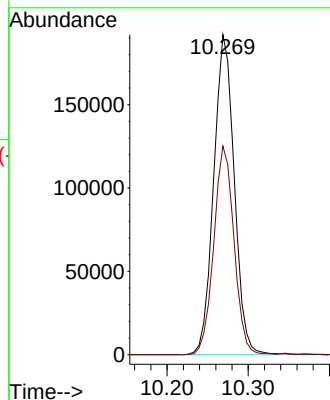
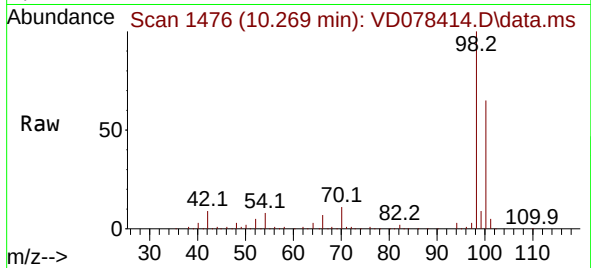




#50
Toluene-d8
Concen: 52.699 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

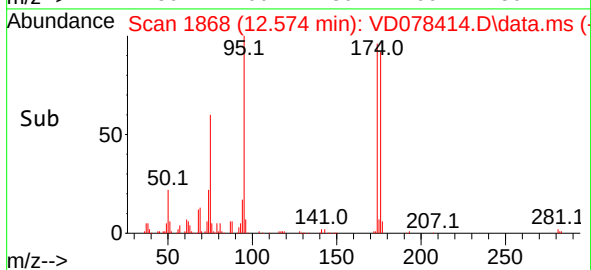
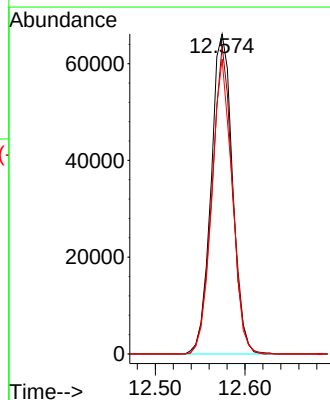
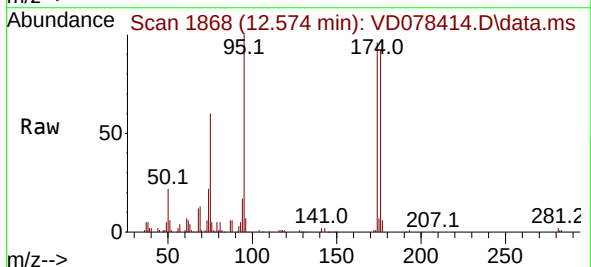
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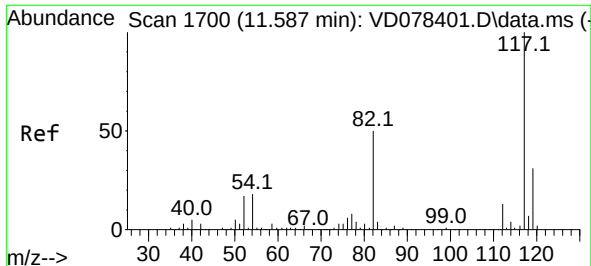
Tgt Ion: 98 Resp: 337712
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 58.530 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Tgt Ion: 95 Resp: 109150
Ion Ratio Lower Upper
95 100
174 92.0 0.0 201.8
176 87.8 0.0 191.8

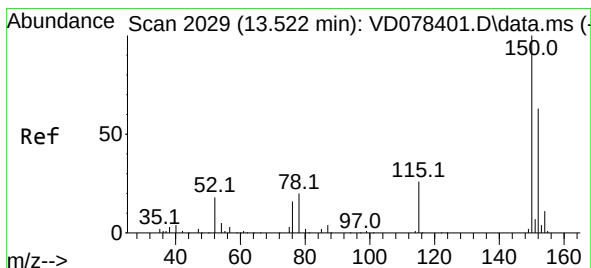
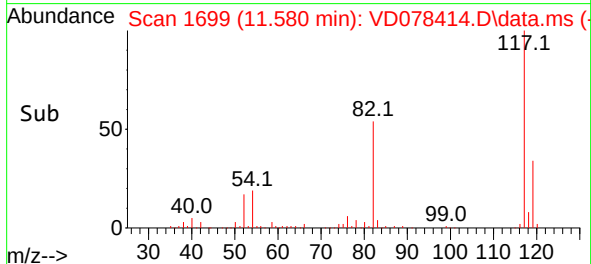
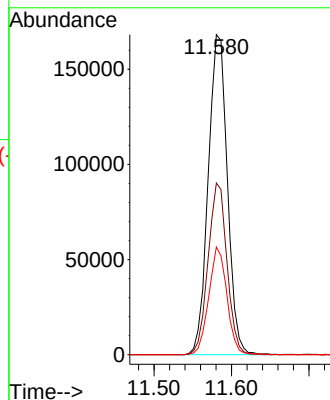
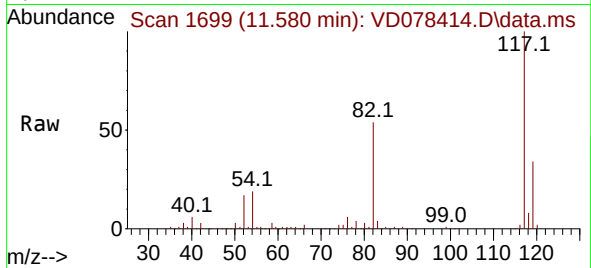




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Instrument :
MSVOA_D
ClientSampleId :
VOC

Tgt Ion:117 Resp: 288430
Ion Ratio Lower Upper
117 100
82 53.6 38.3 57.5
119 33.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078414.D
Acq: 14 Feb 2024 15:11

Tgt Ion:152 Resp: 133948
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 159.6 0.0 353.6

