

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078430.D
 Acq On : 15 Feb 2024 12:04
 Operator : RP/MD
 Sample : VD0215SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBL01

Quant Time: Feb 16 02:33:49 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	7.875	168	171617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	344372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	380581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	187557	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75505	40.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.380%
35) Dibromofluoromethane	7.805	113	103407	47.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.540%
50) Toluene-d8	10.269	98	438770	50.142	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.569	95	158751	62.341	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.680%

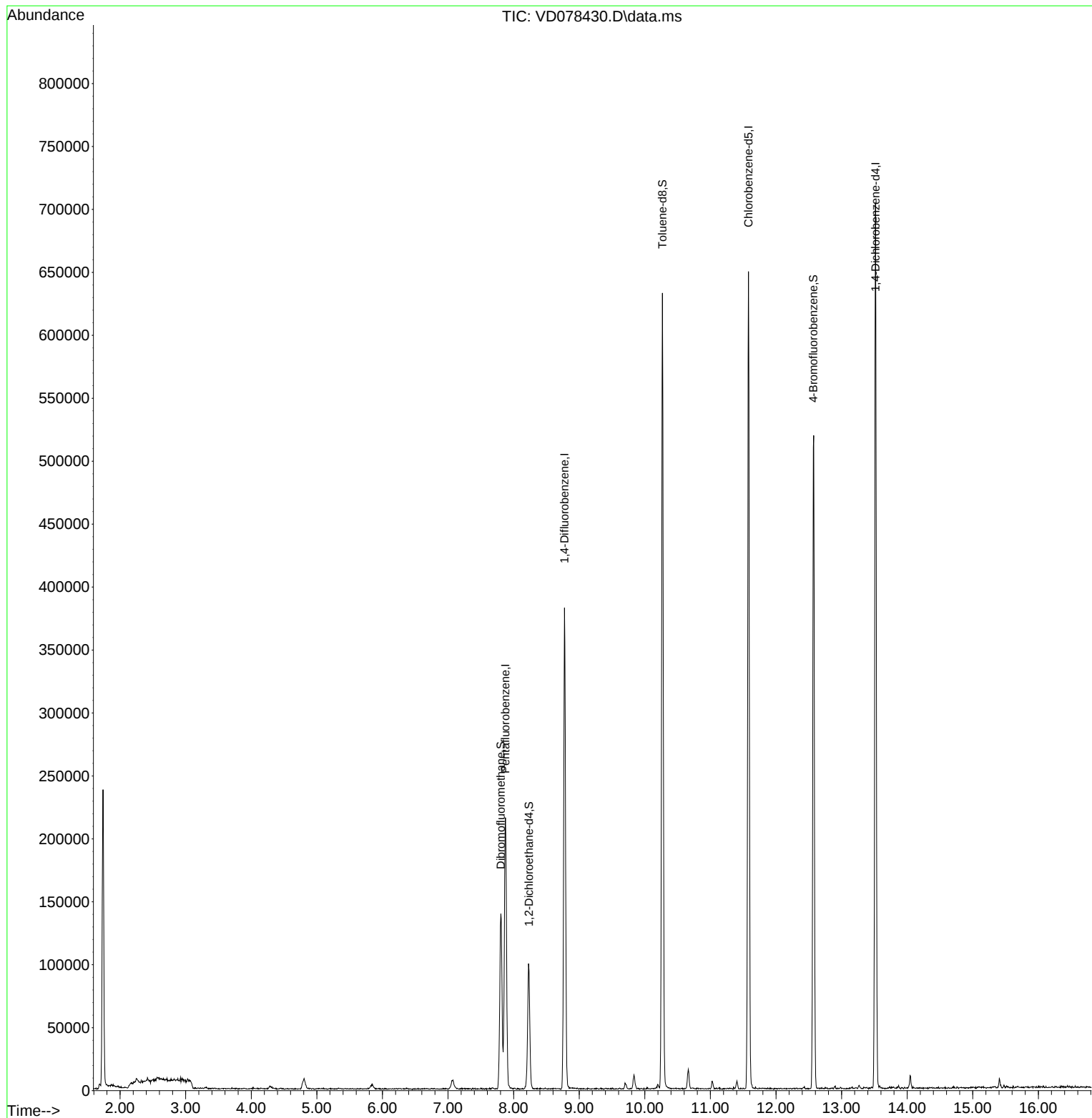
Target Compounds	Qvalue

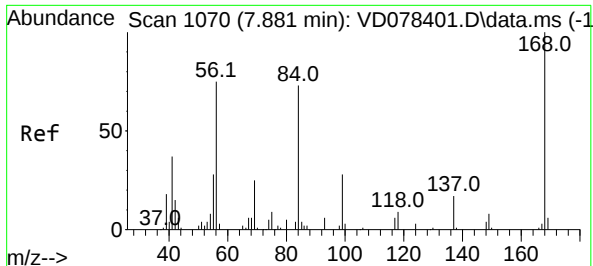
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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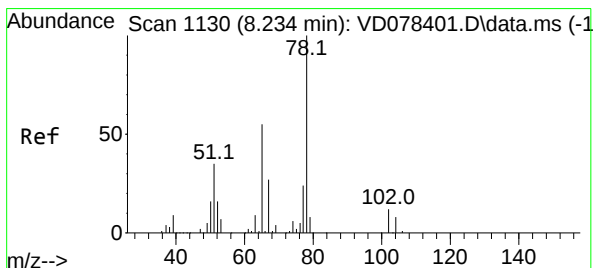
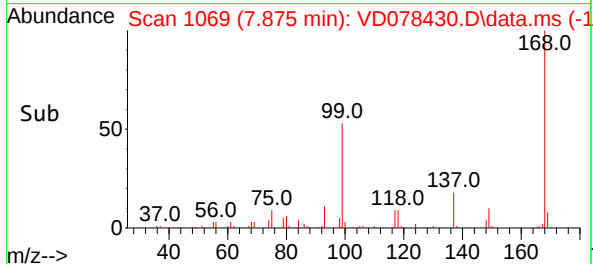
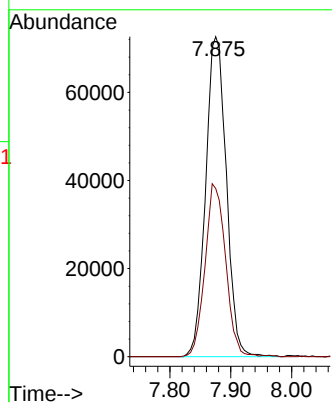
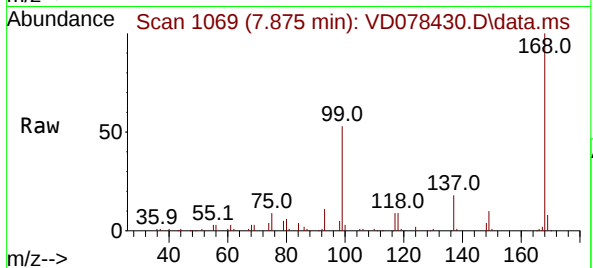




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

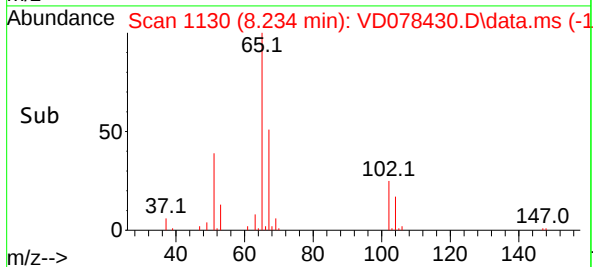
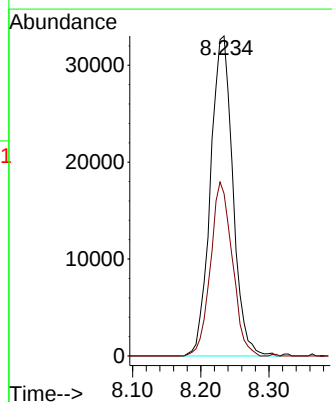
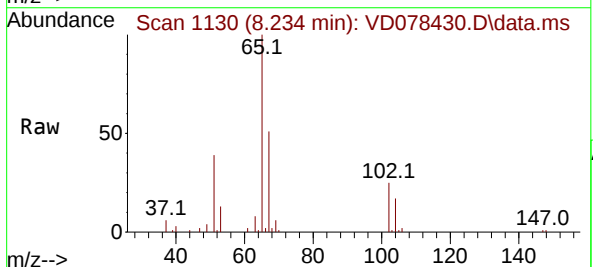
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01

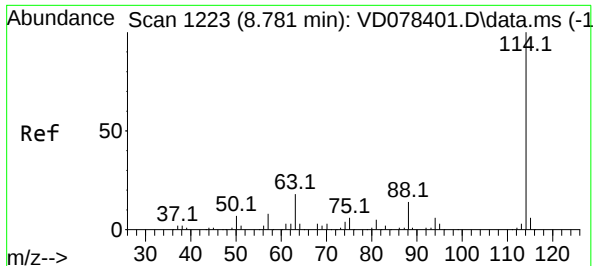
Tgt Ion:168 Resp: 171617
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.690 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

Tgt Ion: 65 Resp: 75505
Ion Ratio Lower Upper
65 100
67 52.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078430.D

Acq: 15 Feb 2024 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBL01

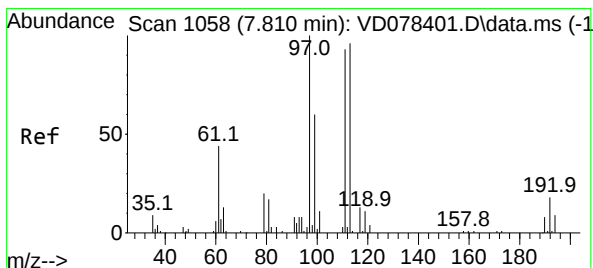
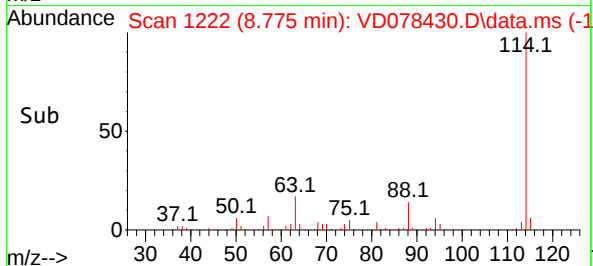
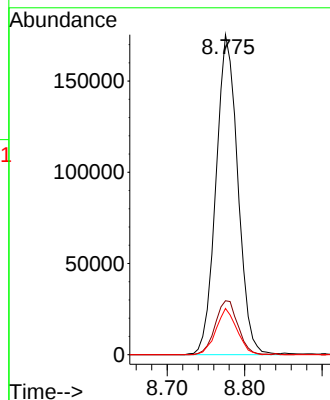
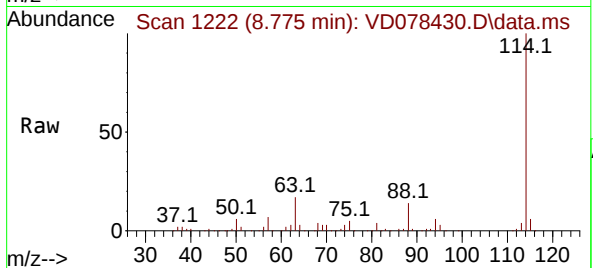
Tgt Ion:114 Resp: 344372

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 14.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.271 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078430.D

Acq: 15 Feb 2024 12:04

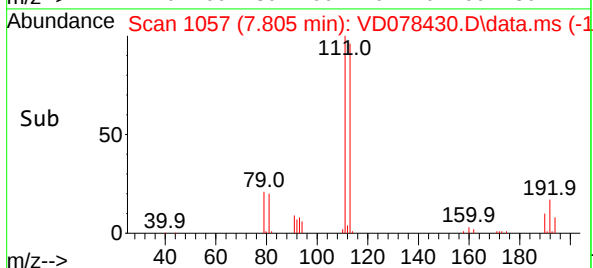
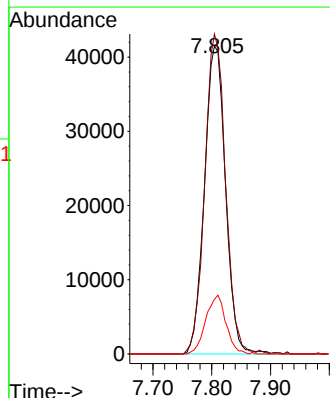
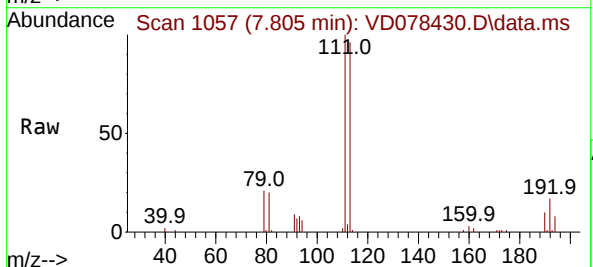
Tgt Ion:113 Resp: 103407

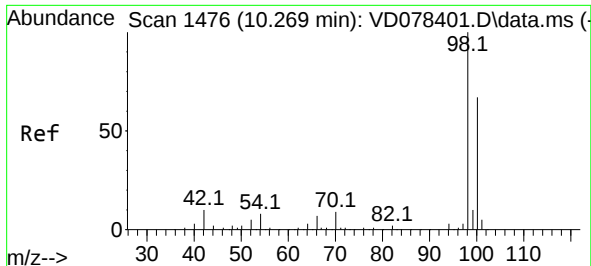
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 18.2 16.8 25.2

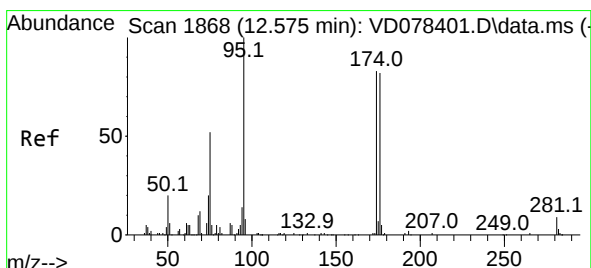
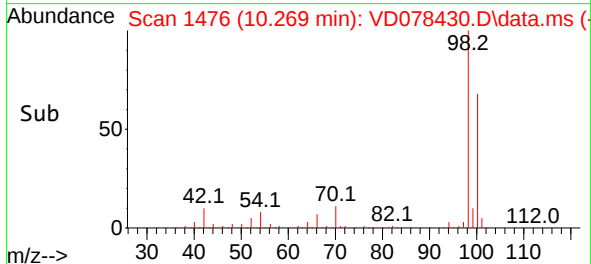
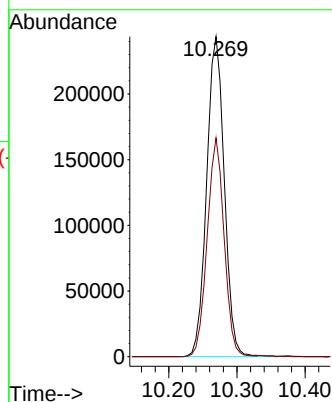
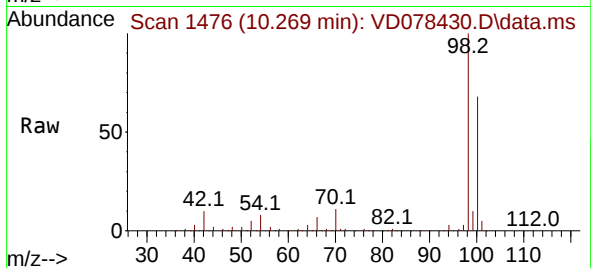




#50
Toluene-d8
Concen: 50.142 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

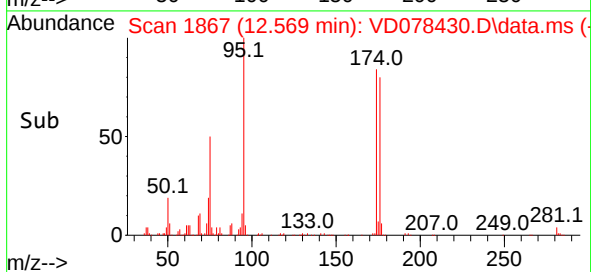
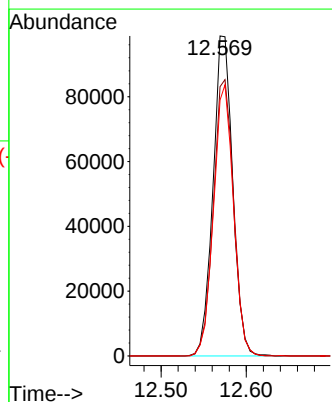
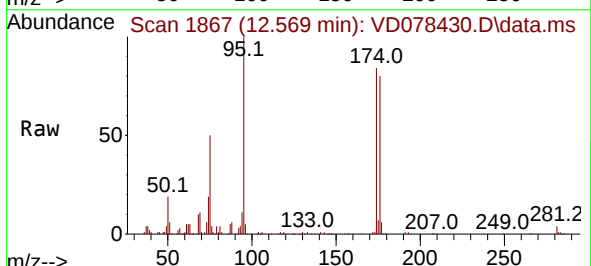
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01

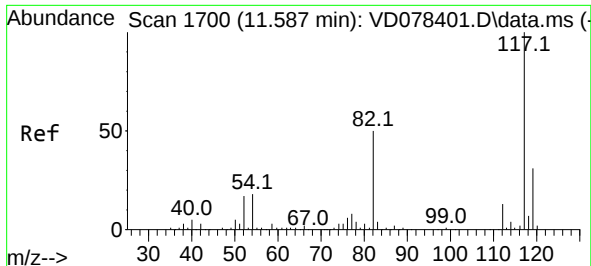
Tgt Ion: 98 Resp: 438770
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 62.341 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

Tgt Ion: 95 Resp: 158751
Ion Ratio Lower Upper
95 100
174 89.0 0.0 201.8
176 85.4 0.0 191.8

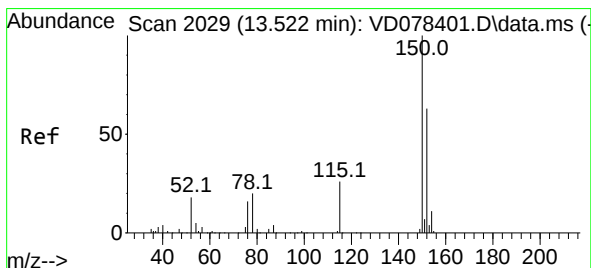
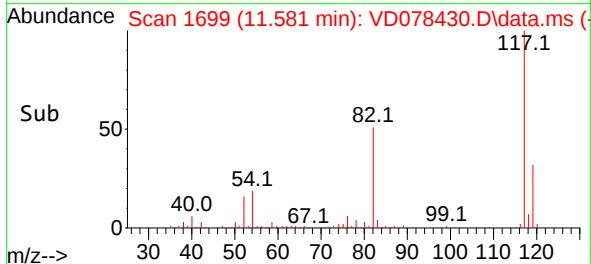
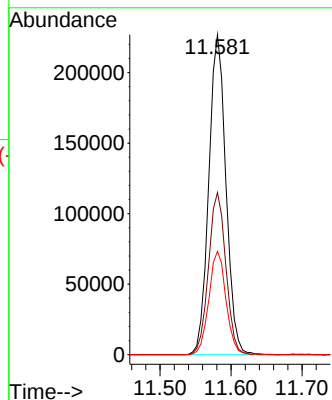
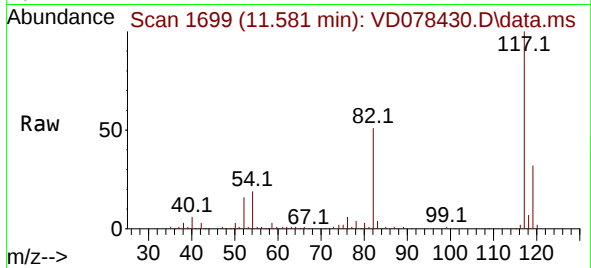




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078430.D
Acq: 15 Feb 2024 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBL01

Tgt Ion:117 Resp: 380581
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 32.3 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: VD078430.D
Acq: 15 Feb 2024 12:04

Tgt Ion:152 Resp: 187557
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 159.3 0.0 353.6

