

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078203.D
 Acq On : 23 Jan 2024 11:17
 Operator : RP/MD
 Sample : VD0123SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBL01

Quant Time: Jan 24 00:18:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	142994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	299200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74222	45.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.940%
35) Dibromofluoromethane	7.810	113	92571	47.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.020%
50) Toluene-d8	10.275	98	377715	48.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.575	95	111566	49.340	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.680%

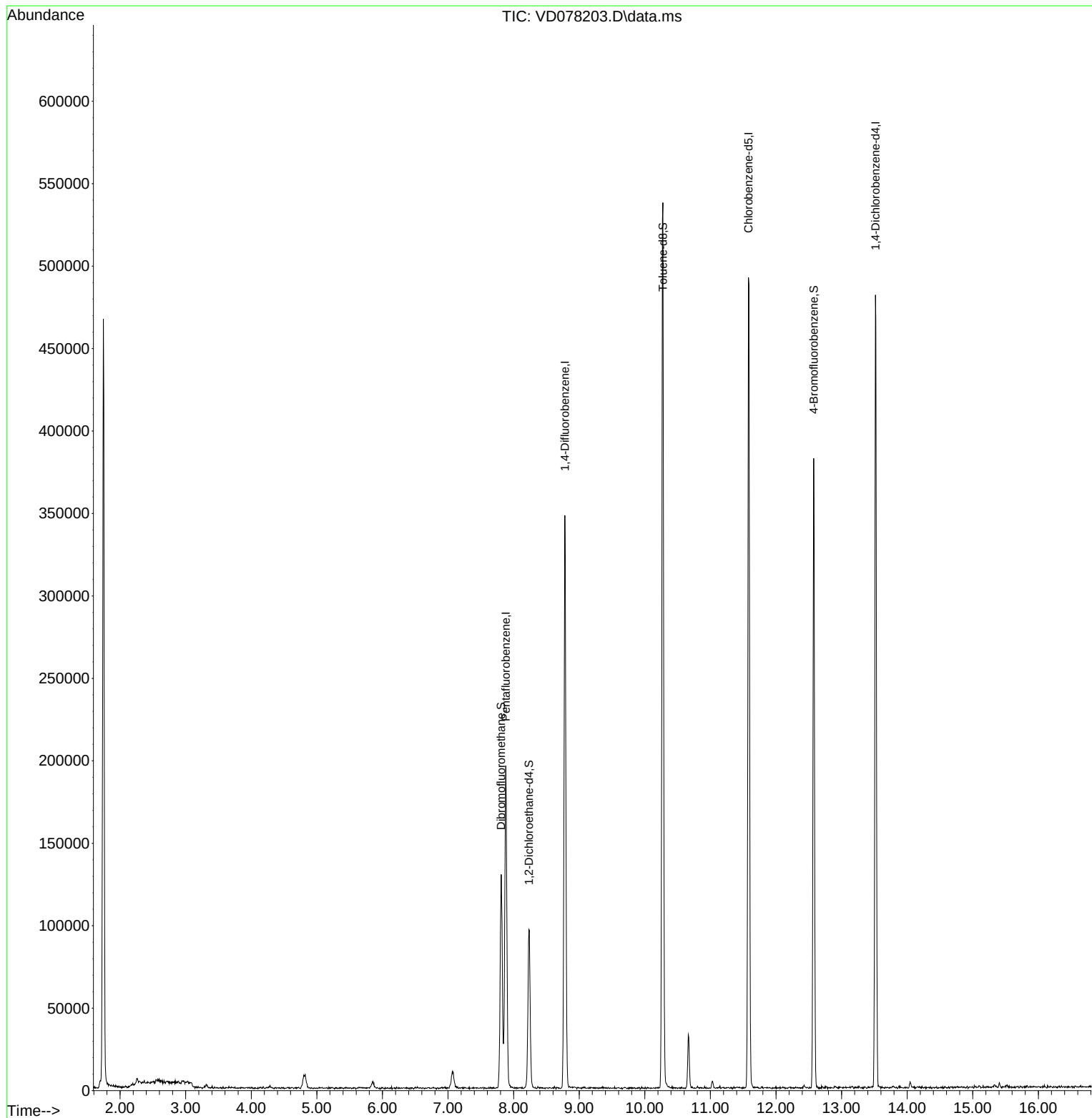
Target Compounds	Qvalue

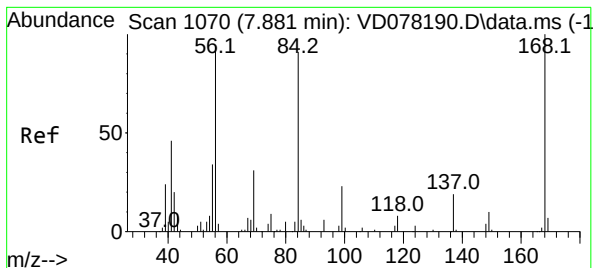
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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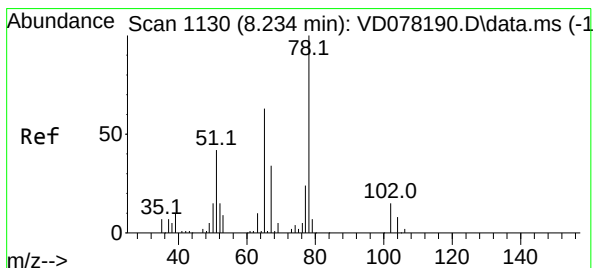
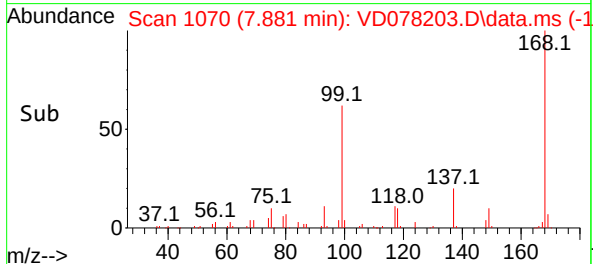
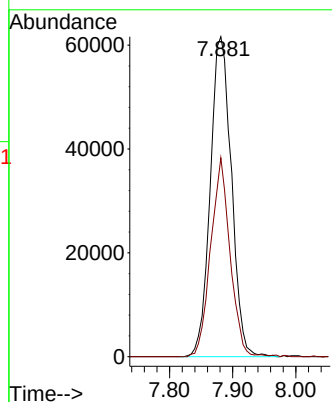
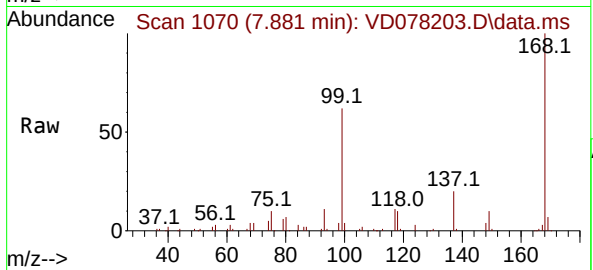




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078203.D
Acq: 23 Jan 2024 11:17

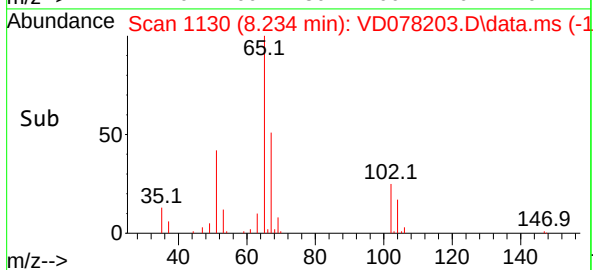
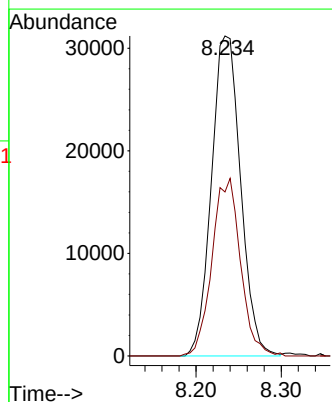
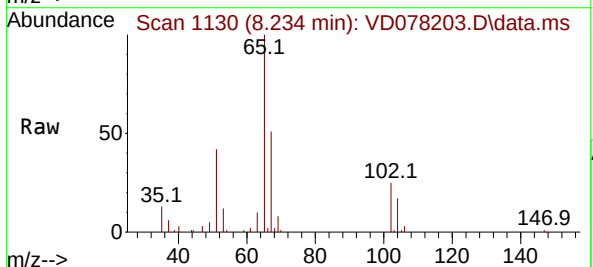
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBL01

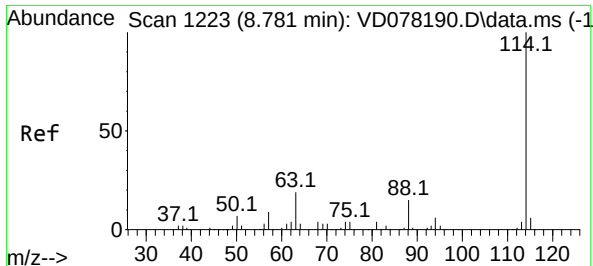
Tgt Ion:168 Resp: 142994
Ion Ratio Lower Upper
168 100
99 62.1 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 45.468 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078203.D
Acq: 23 Jan 2024 11:17

Tgt Ion: 65 Resp: 74222
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078203.D

Acq: 23 Jan 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBL01

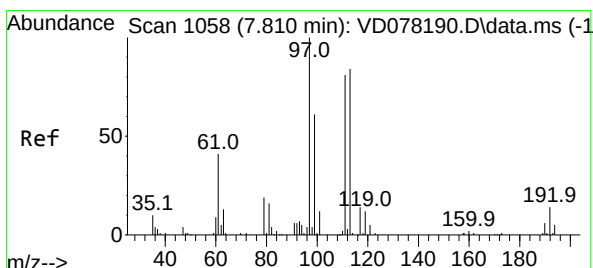
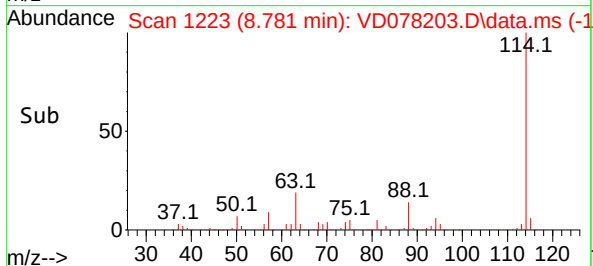
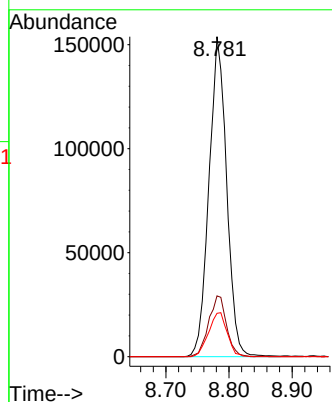
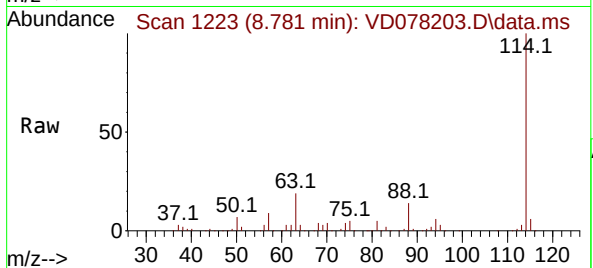
Tgt Ion:114 Resp: 299200

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.011 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078203.D

Acq: 23 Jan 2024 11:17

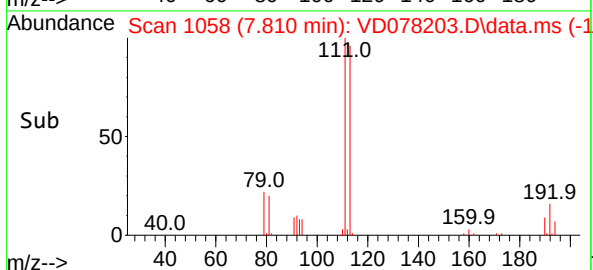
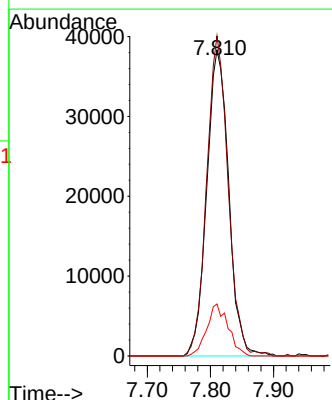
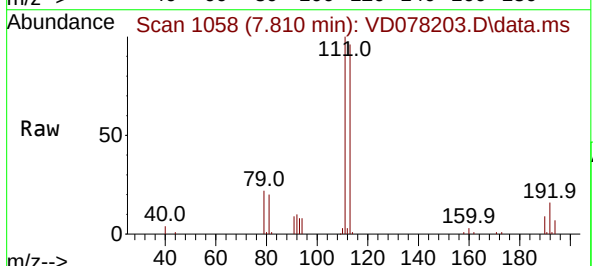
Tgt Ion:113 Resp: 92571

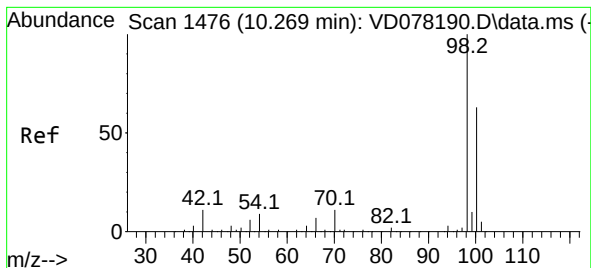
Ion Ratio Lower Upper

113 100

111 101.7 84.7 127.1

192 16.5 16.8 25.2#





#50

Toluene-d8

Concen: 48.443 ug/l

RT: 10.275 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD078203.D

Acq: 23 Jan 2024 11:17

Instrument :

MSVOA_D

ClientSampleId :

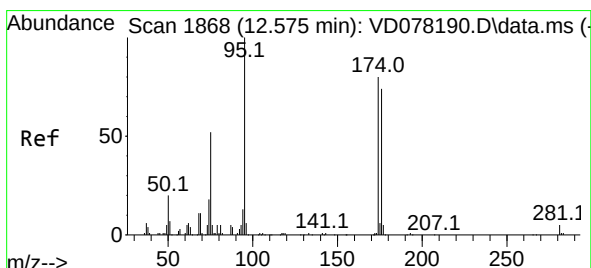
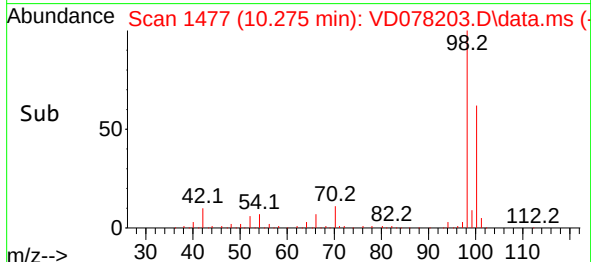
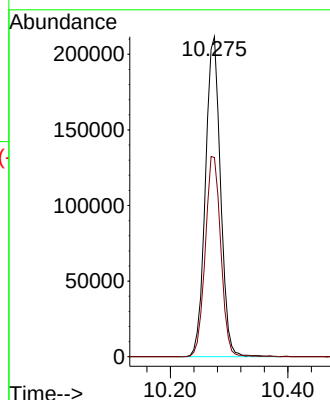
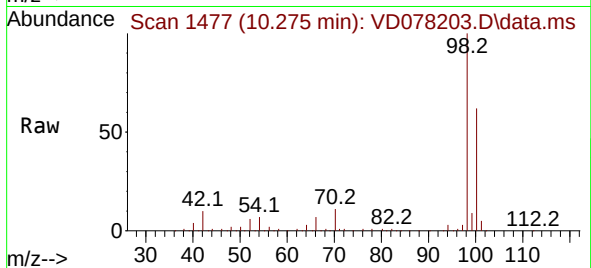
VD0123SBL01

Tgt Ion: 98 Resp: 377715

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 49.340 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078203.D

Acq: 23 Jan 2024 11:17

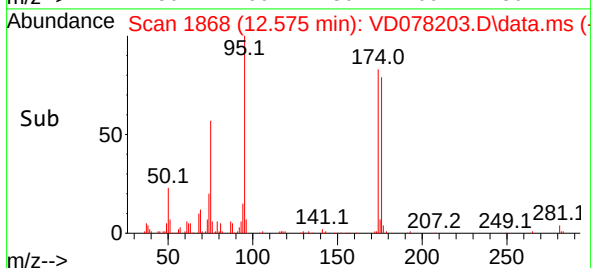
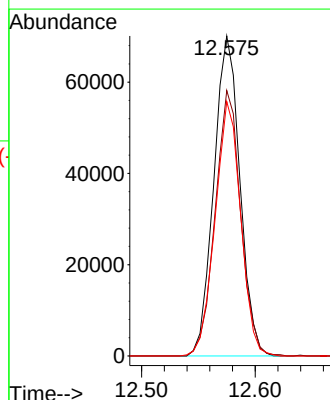
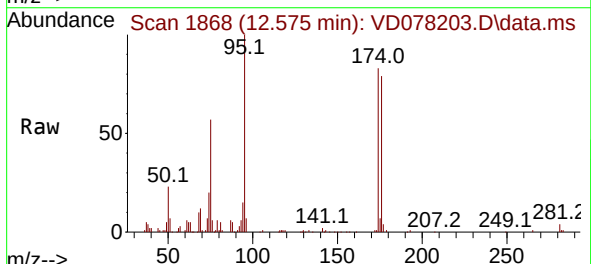
Tgt Ion: 95 Resp: 111566

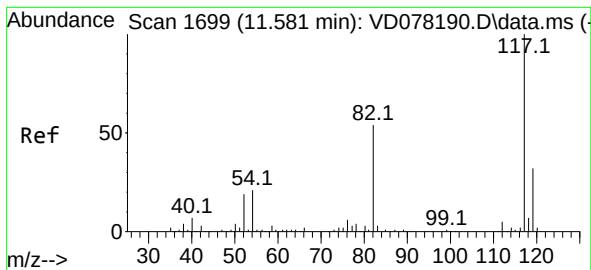
Ion Ratio Lower Upper

95 100

174 81.4 0.0 201.8

176 78.2 0.0 191.8

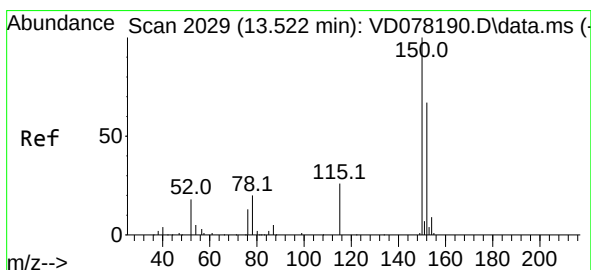
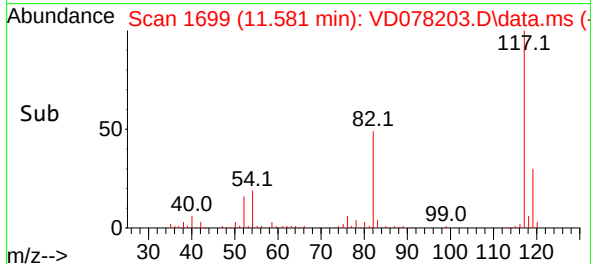
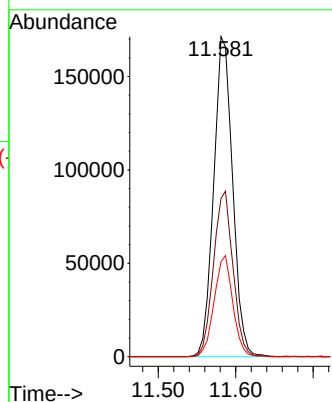
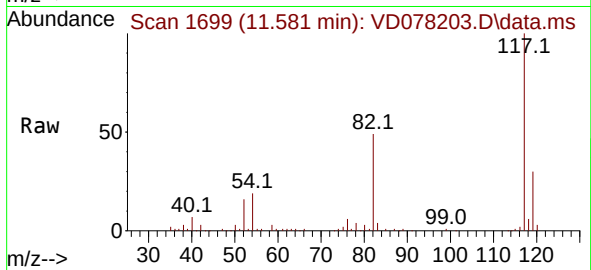




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078203.D
Acq: 23 Jan 2024 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBL01

Tgt Ion:117 Resp: 291178
Ion Ratio Lower Upper
117 100
82 49.4 38.3 57.5
119 29.7 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: VD078203.D
Acq: 23 Jan 2024 11:17

Tgt Ion:152 Resp: 124223
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 159.3 0.0 353.6

