

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078229.D
 Acq On : 24 Jan 2024 17:59
 Operator : RP/MD
 Sample : P1235-04
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 143

Quant Time: Jan 25 00:29:32 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	127280	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	285077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73099	50.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.620%
35) Dibromofluoromethane	7.805	113	84996	45.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.600%
50) Toluene-d8	10.269	98	363360	48.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.575	95	111127	51.581	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.160%

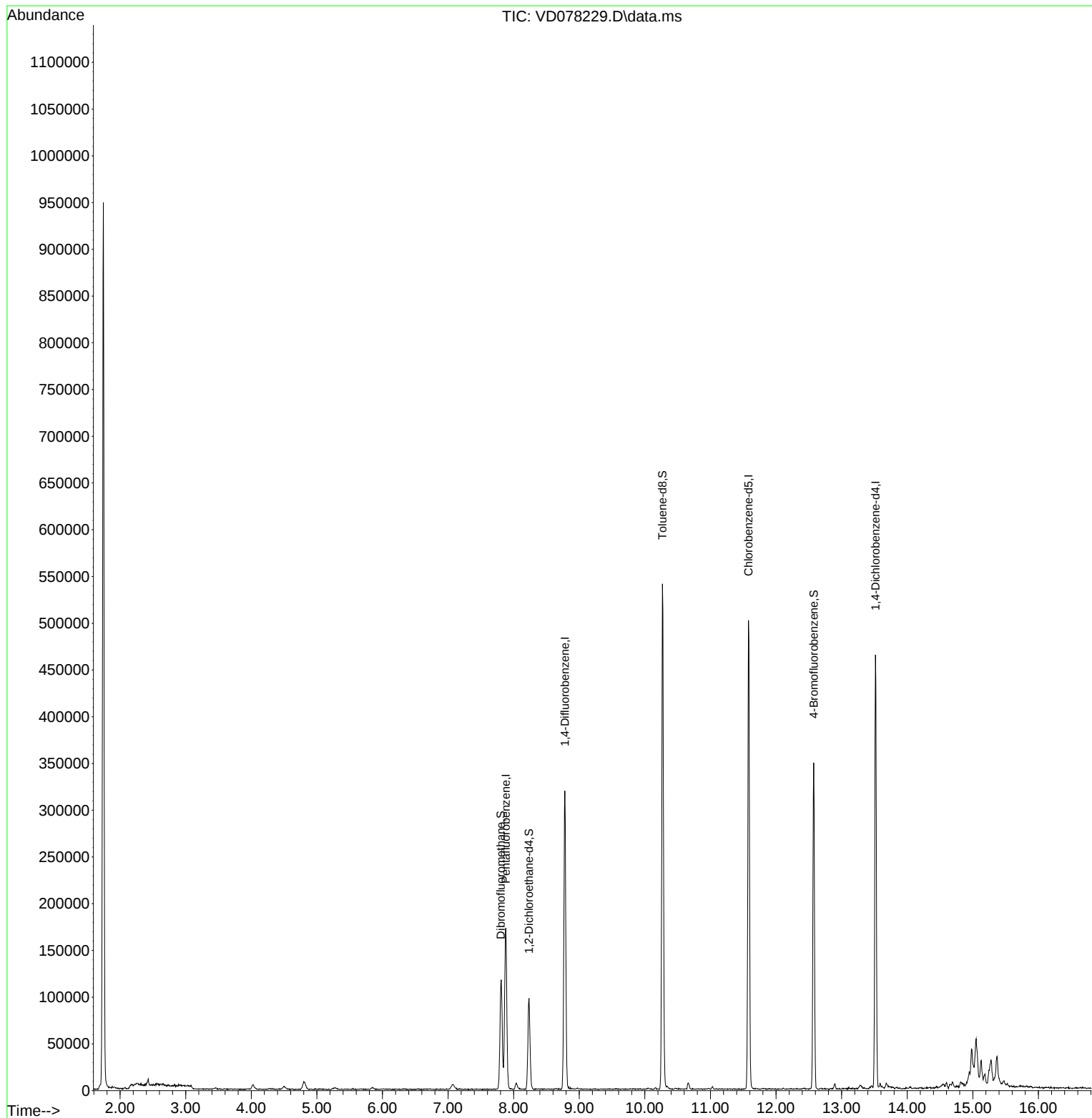
Target Compounds	Qvalue

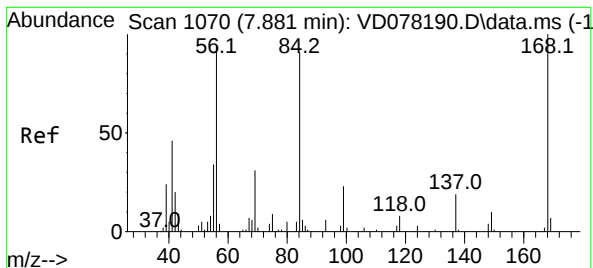
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD078229.D

Acq: 24 Jan 2024 17:59

Instrument :

MSVOA_D

ClientSampleId :

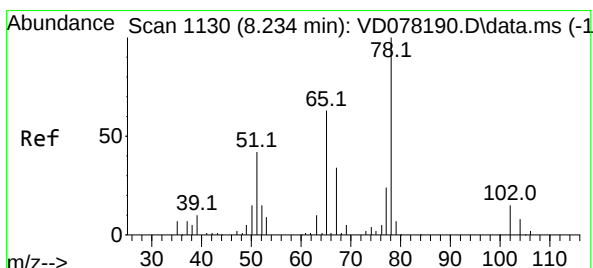
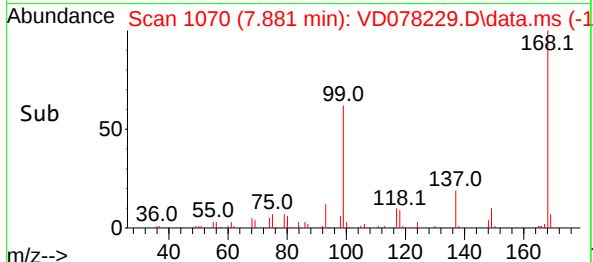
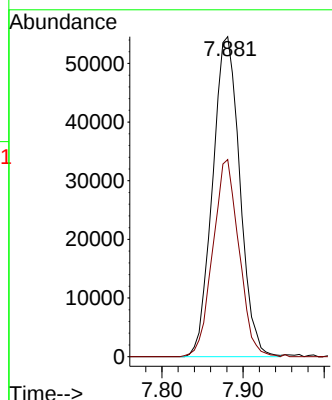
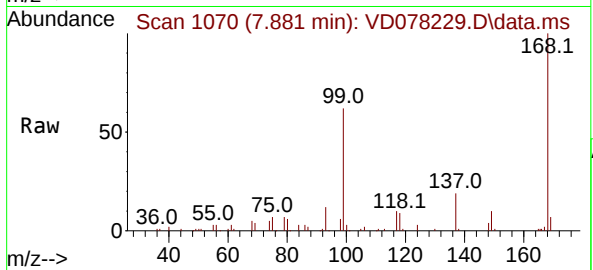
143

Tgt Ion:168 Resp: 127280

Ion Ratio Lower Upper

168 100

99 61.6 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 50.308 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078229.D

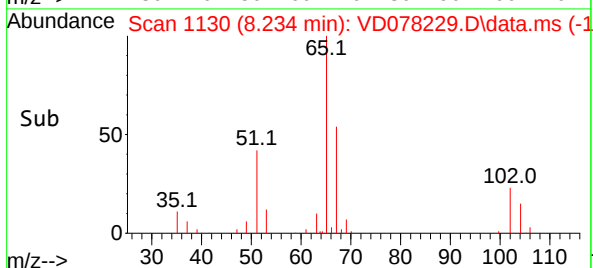
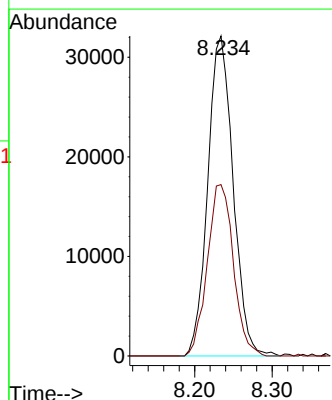
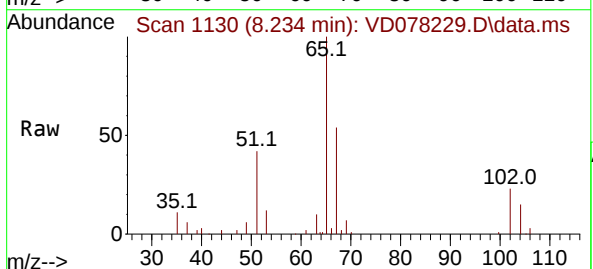
Acq: 24 Jan 2024 17:59

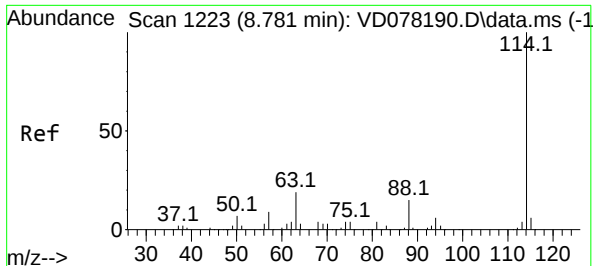
Tgt Ion: 65 Resp: 73099

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VD078229.D

Acq: 24 Jan 2024 17:59

Instrument :

MSVOA_D

ClientSampleId :

143

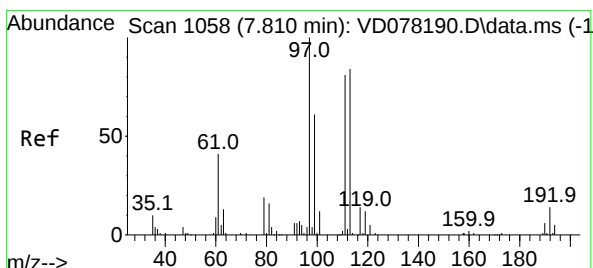
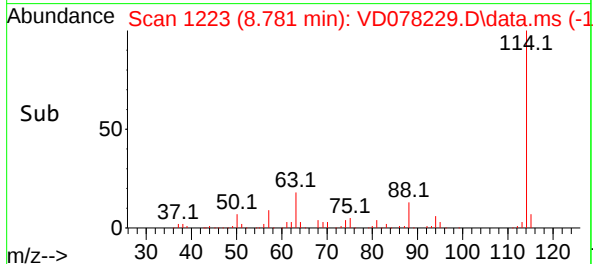
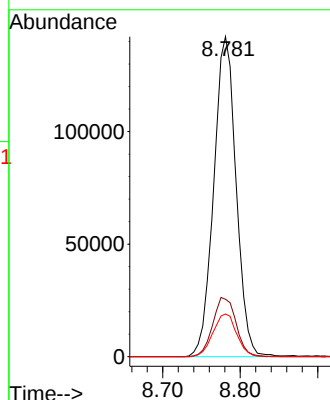
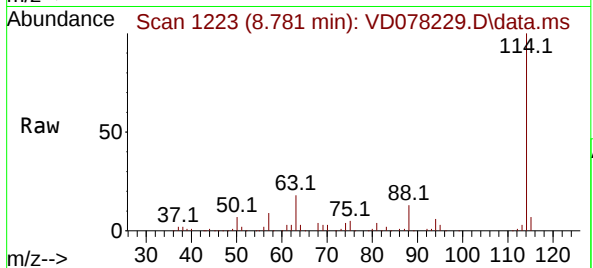
Tgt Ion:114 Resp: 285077

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.302 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078229.D

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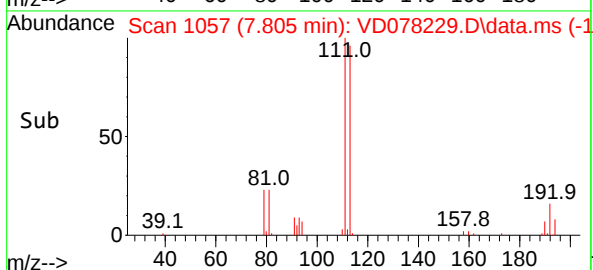
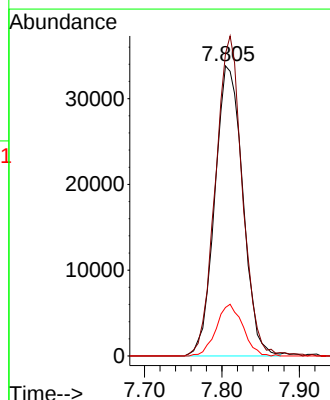
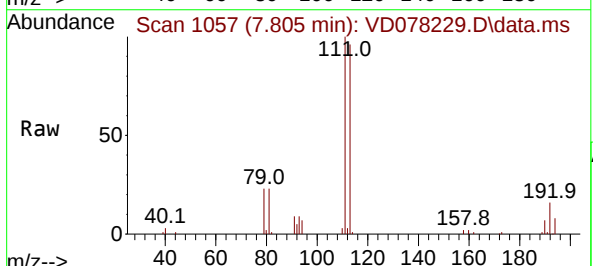
Tgt Ion:113 Resp: 84996

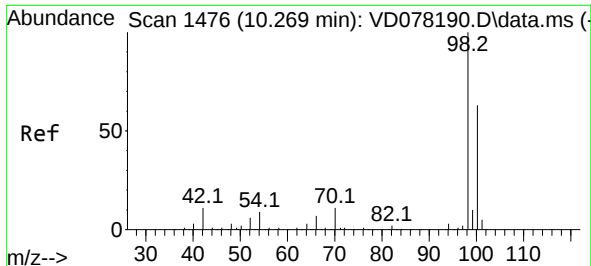
Ion Ratio Lower Upper

113 100

111 106.2 84.7 127.1

192 17.0 16.8 25.2

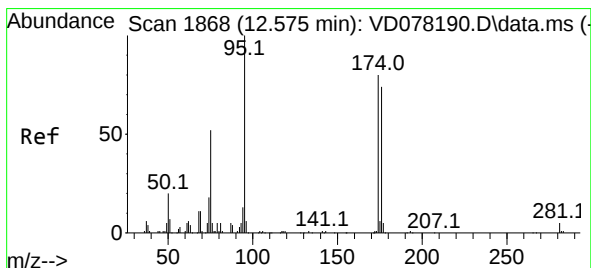
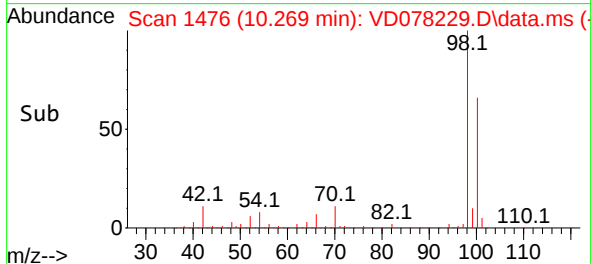
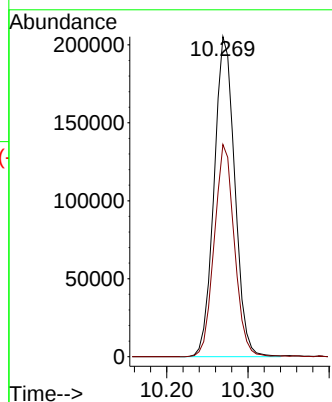
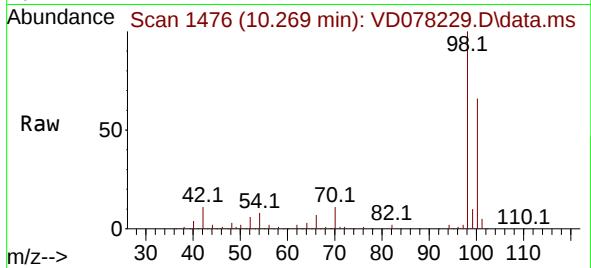




#50
Toluene-d8
Concen: 48.911 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078229.D
Acq: 24 Jan 2024 17:59

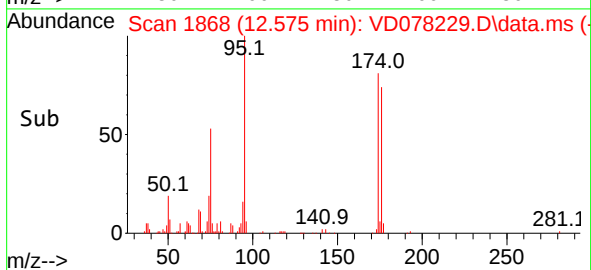
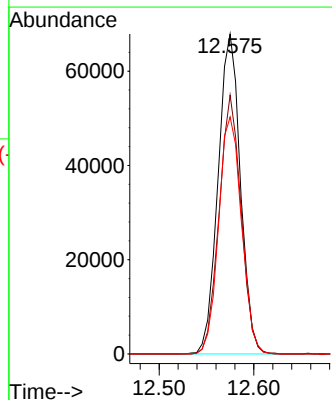
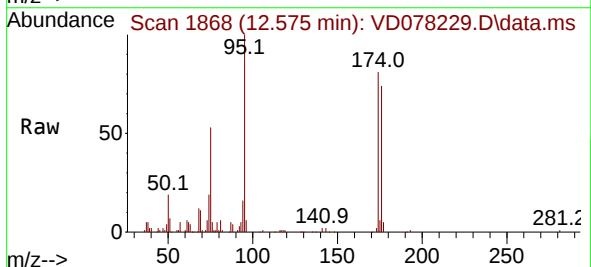
Instrument :
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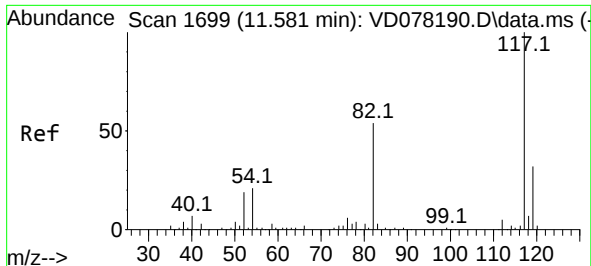
Tgt Ion: 98 Resp: 363360
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.581 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078229.D
Acq: 24 Jan 2024 17:59

Tgt Ion: 95 Resp: 111127
Ion Ratio Lower Upper
95 100
174 79.4 0.0 201.8
176 75.9 0.0 191.8

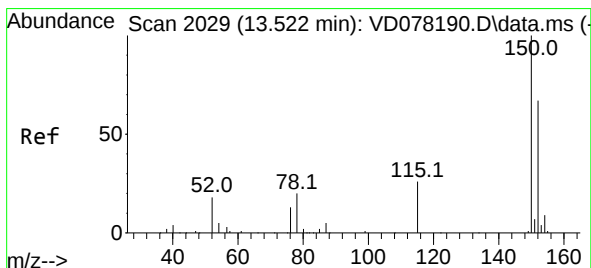
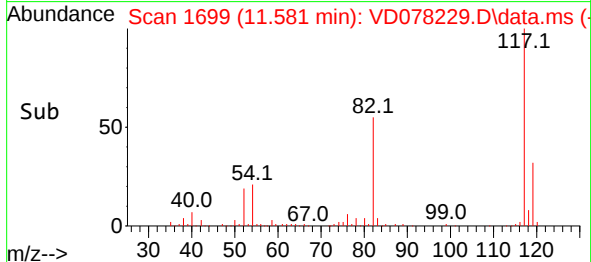
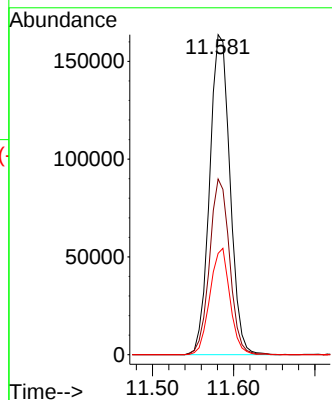
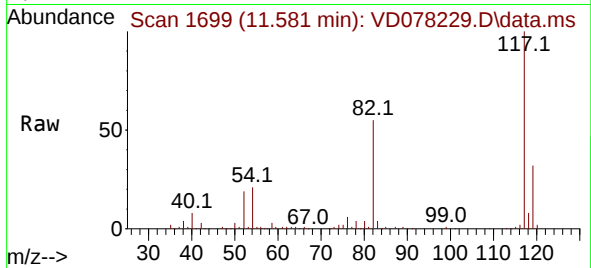




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VD078229.D
Acq: 24 Jan 2024 17:59

Instrument :
MSVOA_D
ClientSampleId :
143

Tgt Ion:117 Resp: 284899
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 31.7 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: VD078229.D
Acq: 24 Jan 2024 17:59

Tgt Ion:152 Resp: 117853
Ion Ratio Lower Upper
152 100
115 60.5 27.1 81.3
150 157.0 0.0 353.6

