

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078218.D
 Acq On : 24 Jan 2024 12:34
 Operator : RP/MD
 Sample : VD0124SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBL01

Quant Time: Jan 25 00:25:48 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	131714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	282197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	287462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70040	46.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.160%
35) Dibromofluoromethane	7.810	113	86902	46.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.580%
50) Toluene-d8	10.269	98	370143	50.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.575	95	108708	50.973	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.940%

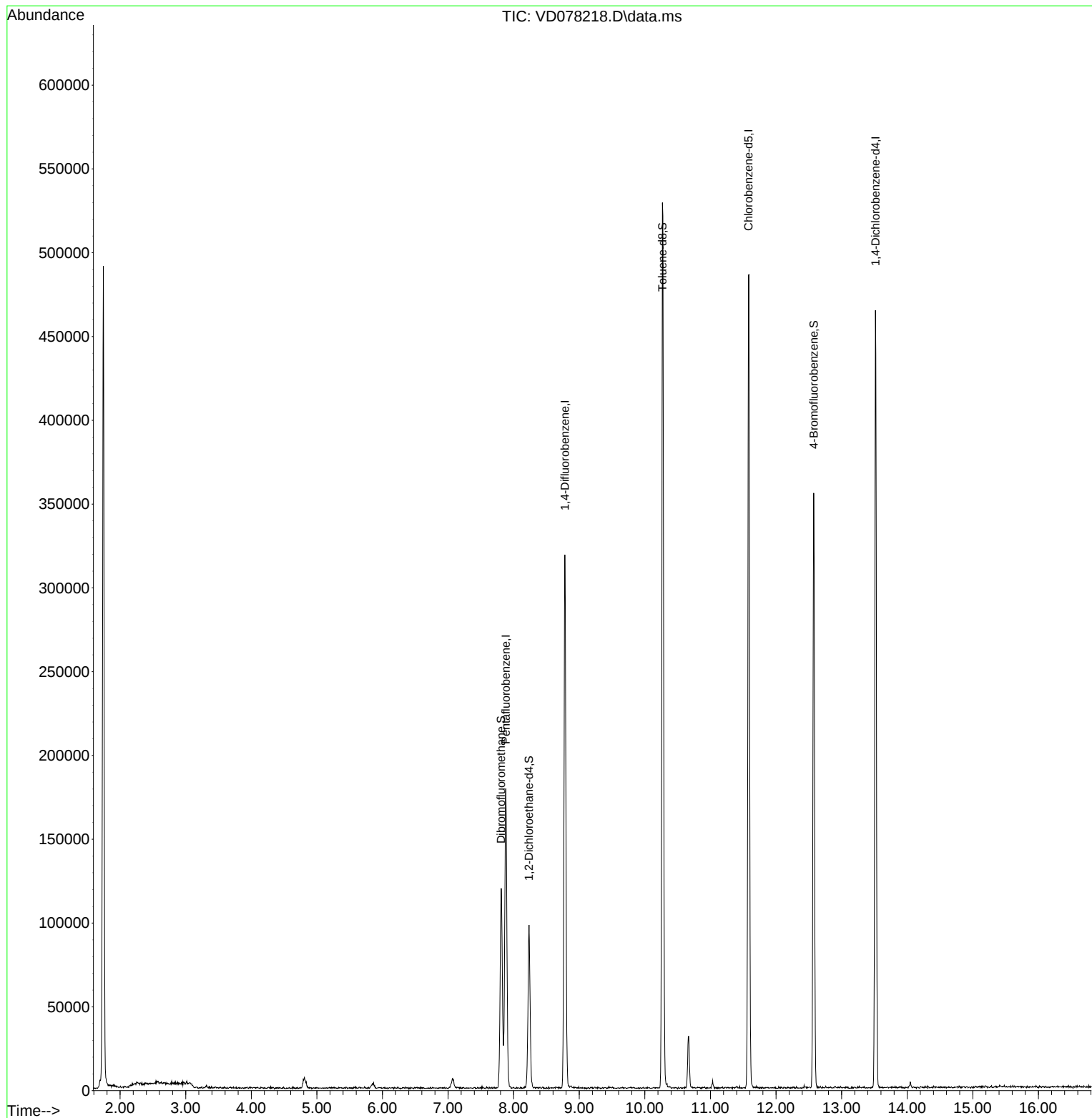
Target Compounds	Qvalue

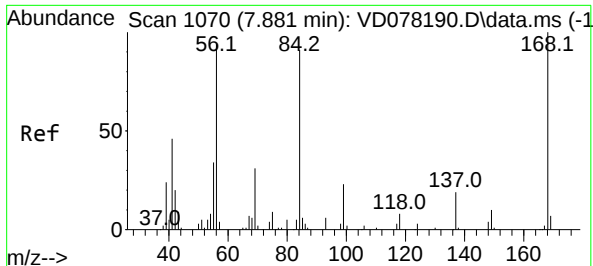
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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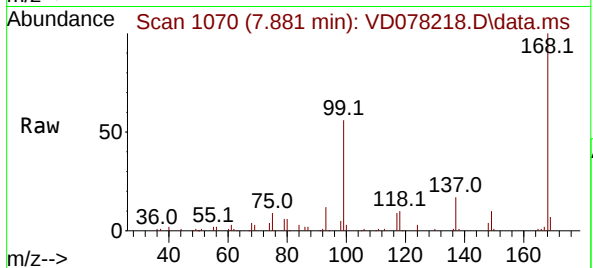
Quant Time: Jan 25 00:25:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
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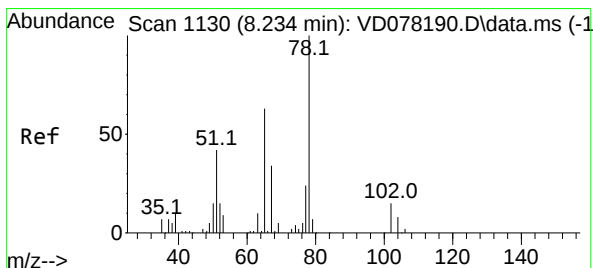
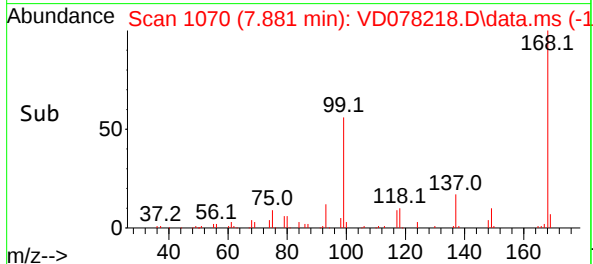
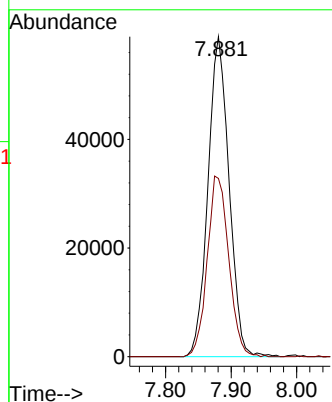


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

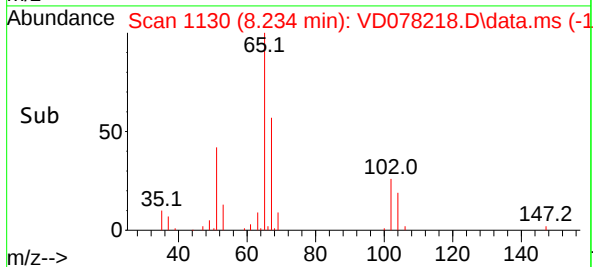
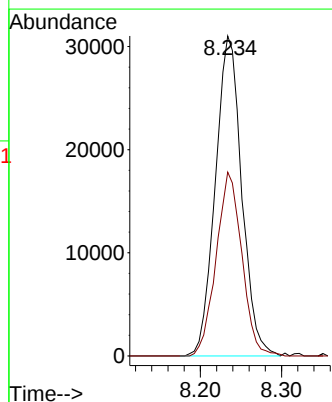
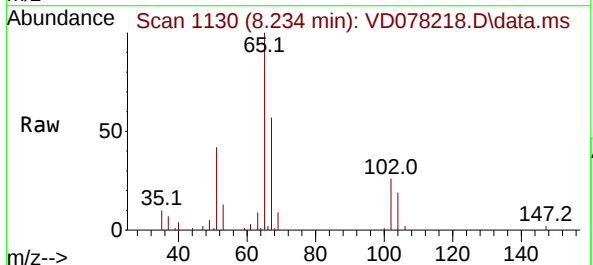


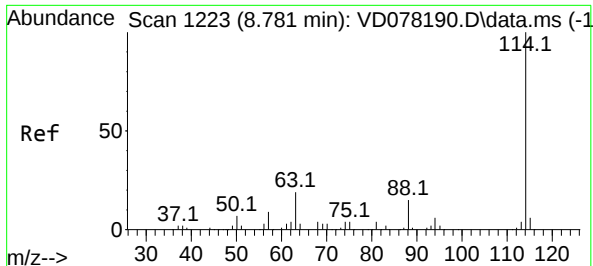
Tgt Ion:168 Resp: 131714
Ion Ratio Lower Upper
168 100
99 55.7 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 46.580 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Tgt Ion: 65 Resp: 70040
Ion Ratio Lower Upper
65 100
67 56.0 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: VD078218.D

Acq: 24 Jan 2024 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBL01

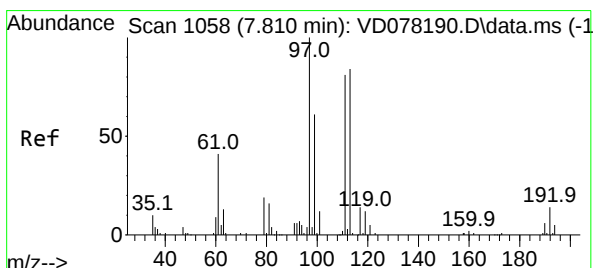
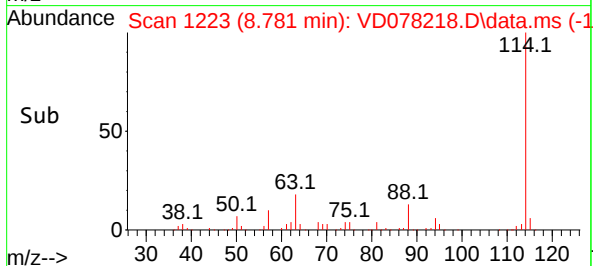
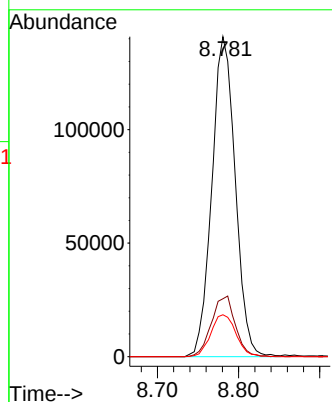
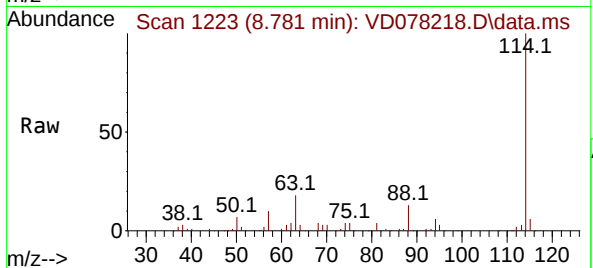
Tgt Ion:114 Resp: 282197

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.791 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078218.D

Acq: 24 Jan 2024 12:34

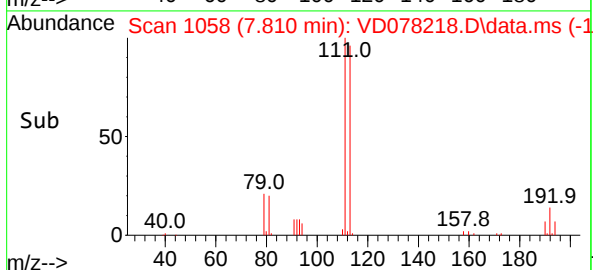
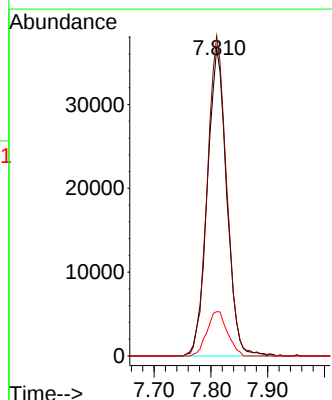
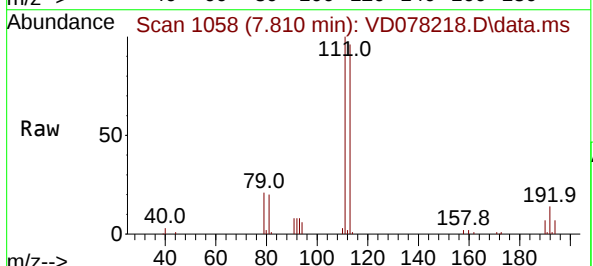
Tgt Ion:113 Resp: 86902

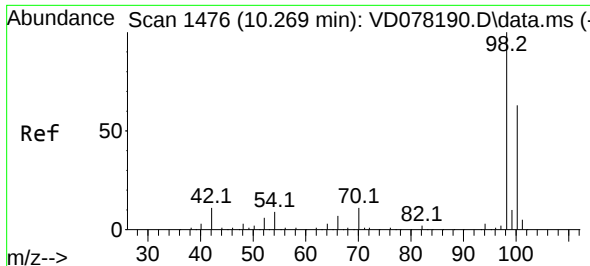
Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

192 15.2 16.8 25.2#

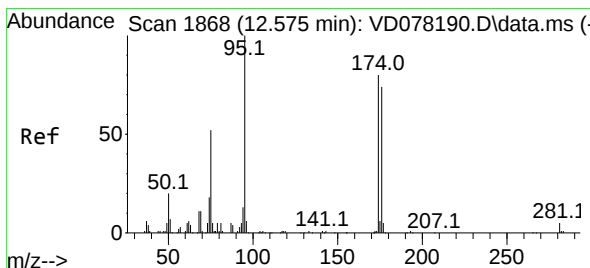
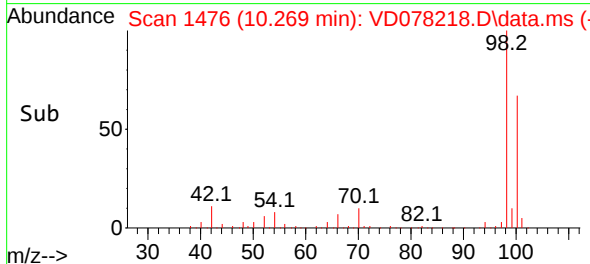
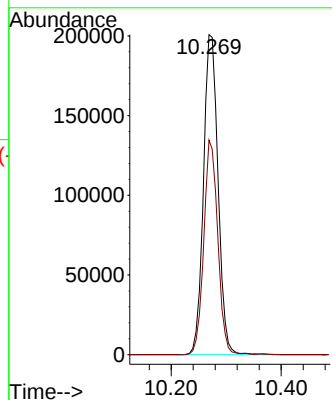
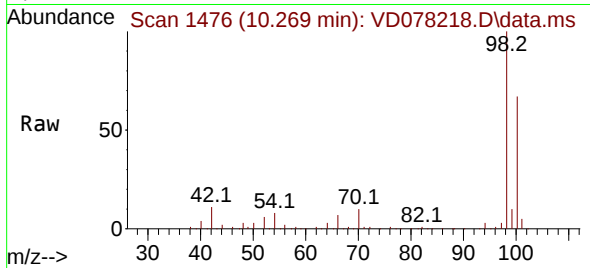




#50
Toluene-d8
Concen: 50.332 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

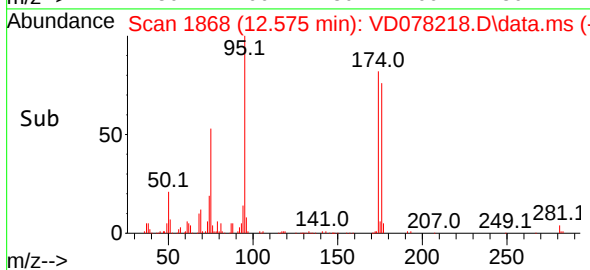
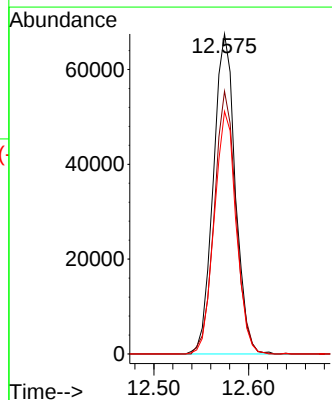
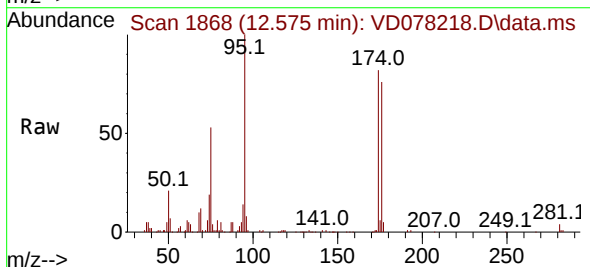
Instrument :
MSVOA_D
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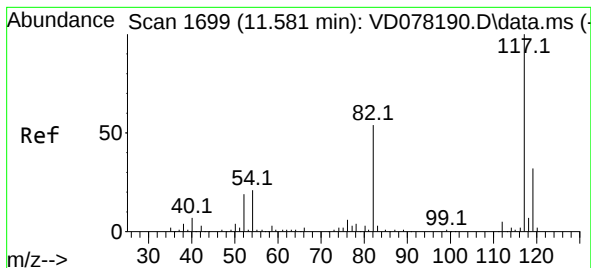
Tgt Ion: 98 Resp: 370143
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.973 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Tgt Ion: 95 Resp: 108708
Ion Ratio Lower Upper
95 100
174 81.2 0.0 201.8
176 75.8 0.0 191.8

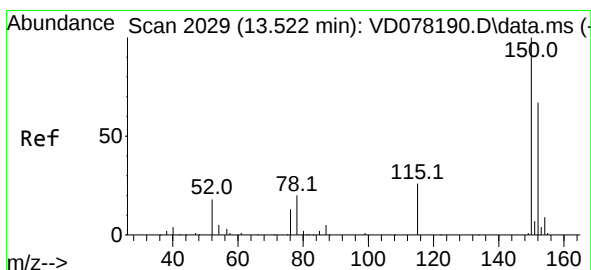
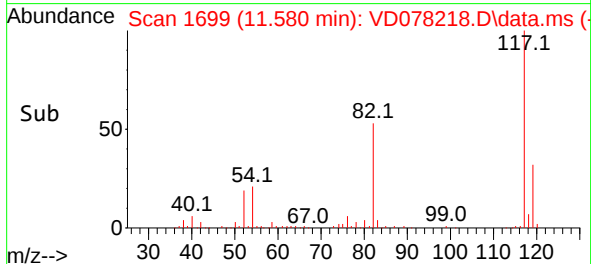
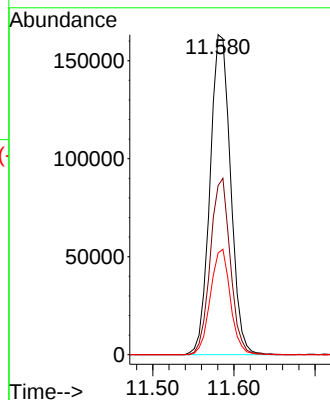
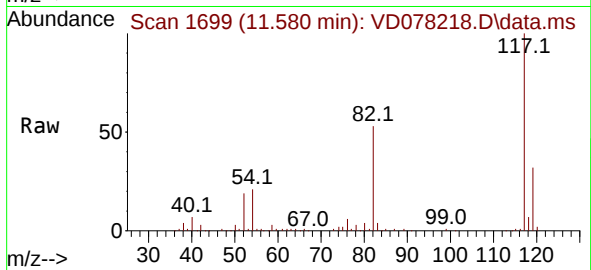




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078218.D
Acq: 24 Jan 2024 12:34

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

Tgt Ion:117 Resp: 287462
Ion Ratio Lower Upper
117 100
82 52.8 38.3 57.5
119 31.8 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: VD078218.D
Acq: 24 Jan 2024 12:34

Tgt Ion:152 Resp: 119422
Ion Ratio Lower Upper
152 100
115 61.5 27.1 81.3
150 161.1 0.0 353.6

