

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
 Data File : VD078238.D
 Acq On : 25 Jan 2024 10:33
 Operator : RP/MD
 Sample : VD0125SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0125SBL01

Quant Time: Jan 26 05:54:42 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	147860	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	310035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84003	49.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.540%
35) Dibromofluoromethane	7.810	113	96360	47.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.269	98	397268	49.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.575	95	122519	52.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.580%

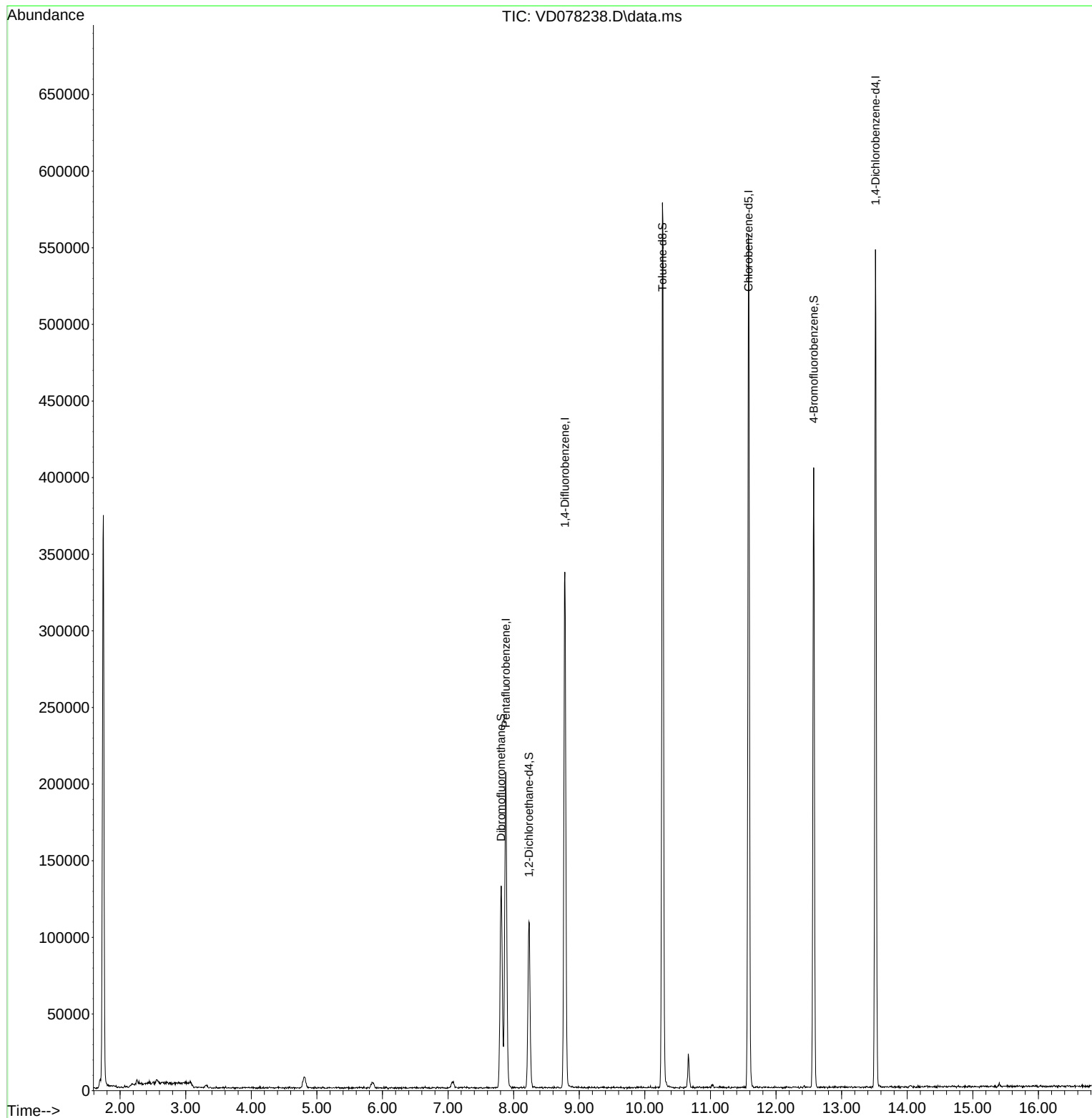
Target Compounds	Qvalue

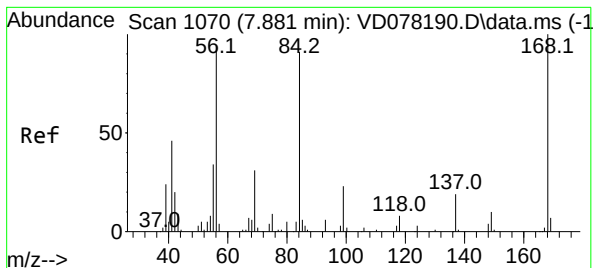
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD078238.D

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Instrument :

MSVOA_D

ClientSampleId :

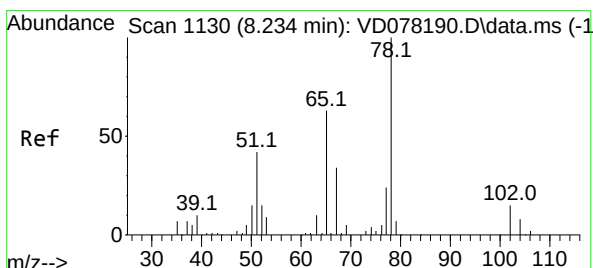
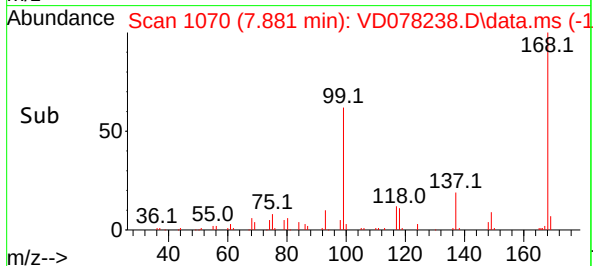
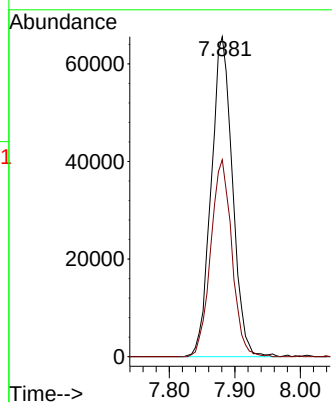
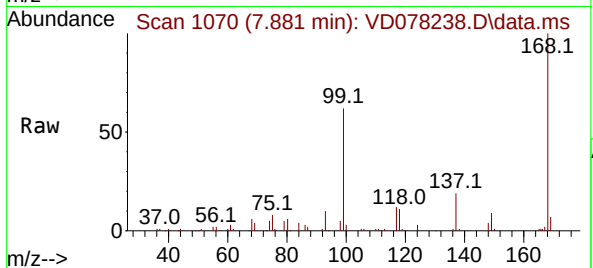
VD0125SBL01

Tgt Ion:168 Resp: 147860

Ion Ratio Lower Upper

168 100

99 61.6 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 49.766 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078238.D

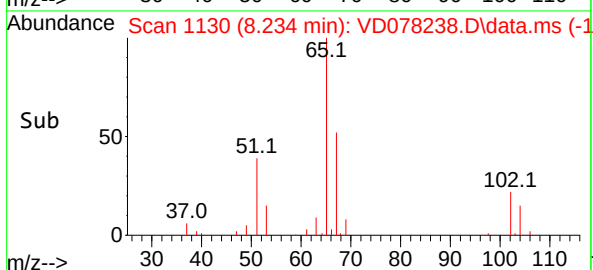
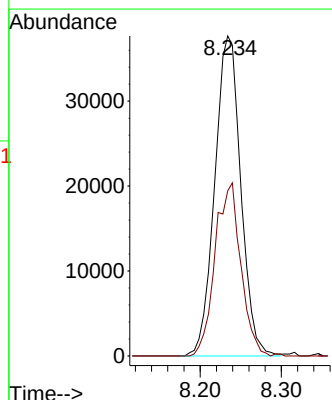
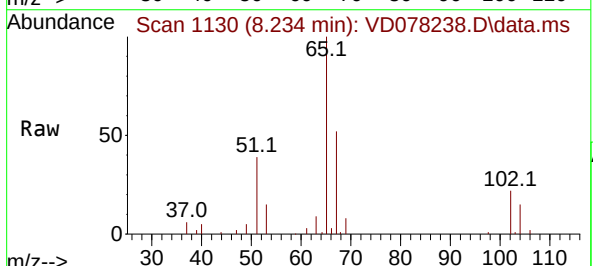
Acq: 25 Jan 2024 10:33

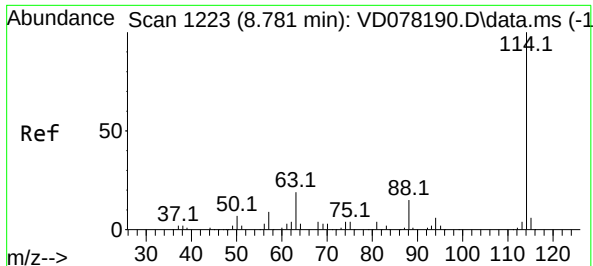
Tgt Ion: 65 Resp: 84003

Ion Ratio Lower Upper

65 100

67 53.4 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: VD078238.D

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Instrument :

MSVOA_D

ClientSampleId :

VD0125SBL01

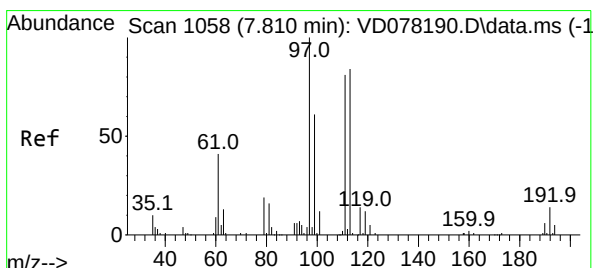
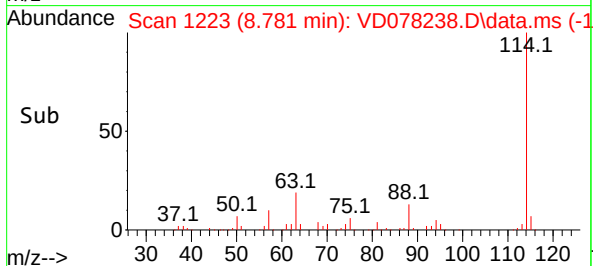
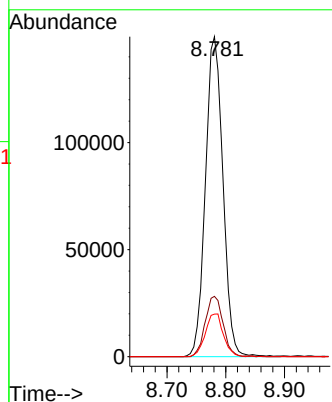
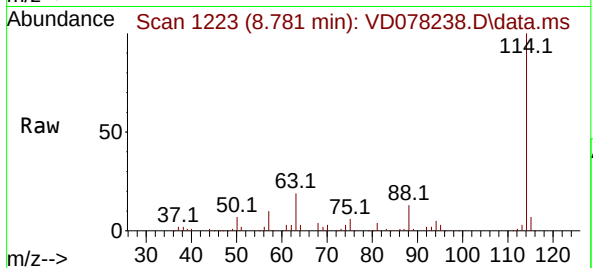
Tgt Ion:114 Resp: 310035

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.225 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078238.D

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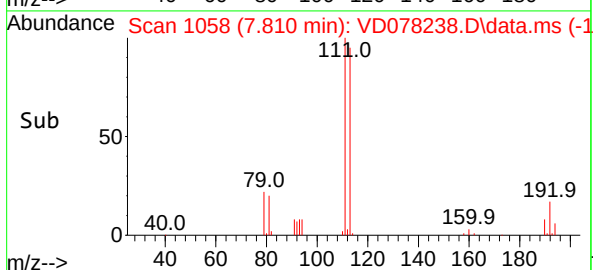
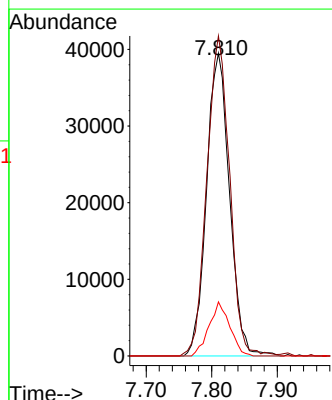
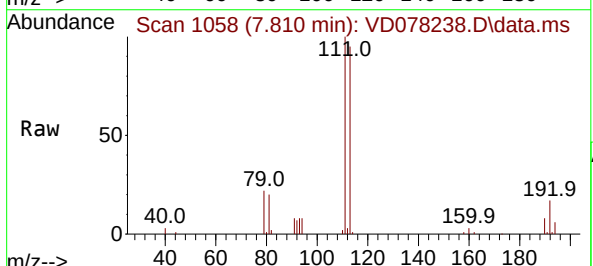
Tgt Ion:113 Resp: 96360

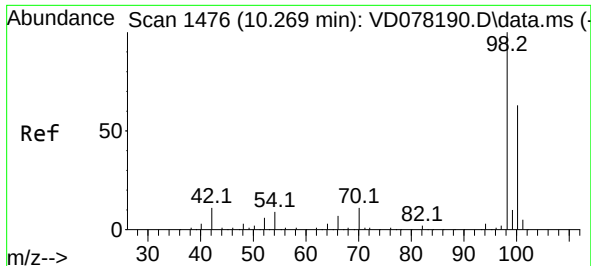
Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 16.1 16.8 25.2#

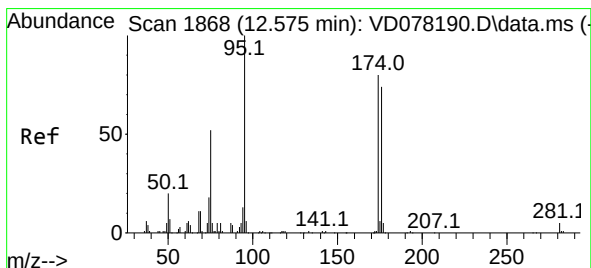
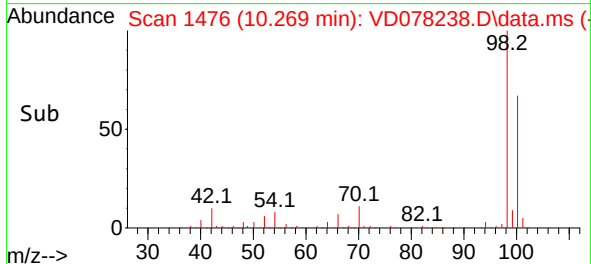
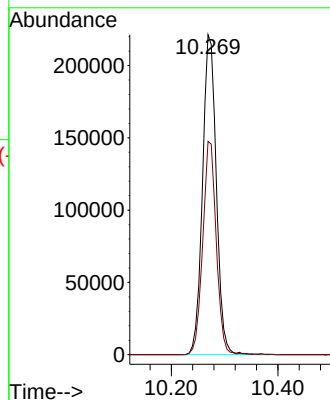
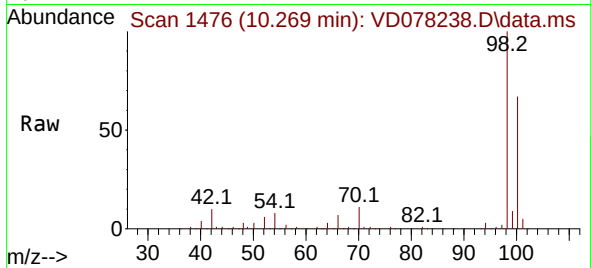




#50
Toluene-d8
Concen: 49.170 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

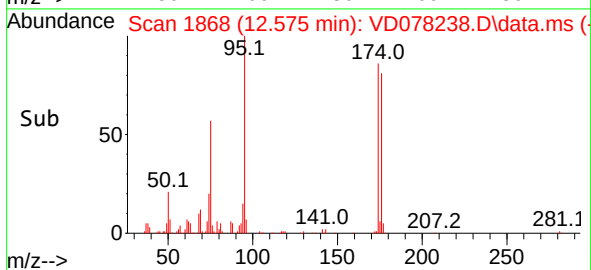
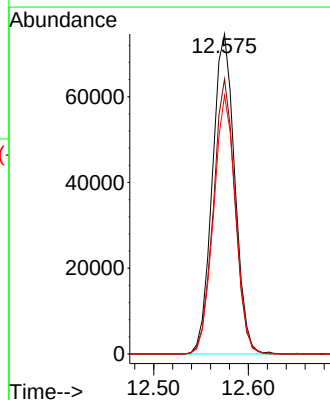
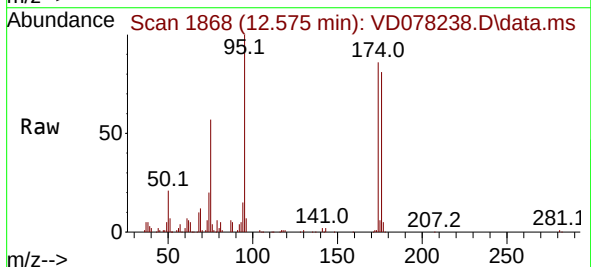
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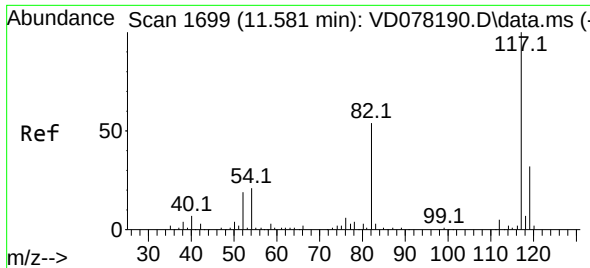
Tgt Ion: 98 Resp: 397268
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.290 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

Tgt Ion: 95 Resp: 122519
Ion Ratio Lower Upper
95 100
174 83.0 0.0 201.8
176 79.7 0.0 191.8

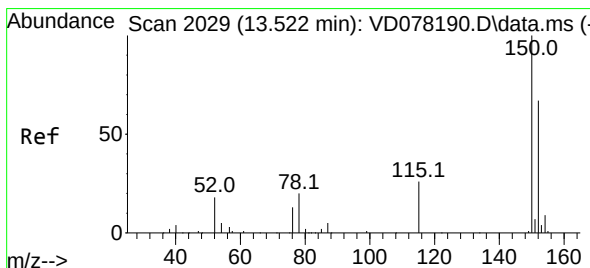
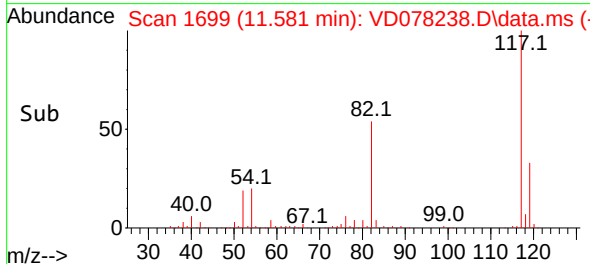
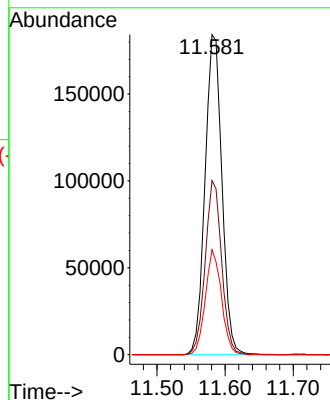
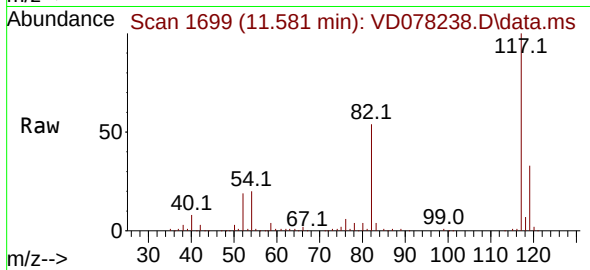




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078238.D
Acq: 25 Jan 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :
VD0125SBL01

Tgt Ion:117 Resp: 317275
Ion Ratio Lower Upper
117 100
82 54.4 38.3 57.5
119 32.8 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: VD078238.D
Acq: 25 Jan 2024 10:33

Tgt Ion:152 Resp: 136756
Ion Ratio Lower Upper
152 100
115 60.3 27.1 81.3
150 160.0 0.0 353.6

