

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077321.D
 Acq On : 12 Oct 2023 17:10
 Operator : JC/SY
 Sample : 04837-09RE
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMPRE

Quant Time: Oct 13 02:32:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	4561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	9966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	14250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3283	91.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	183.120%#
35) Dibromofluoromethane	7.810	113	4037	77.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	155.580%#
50) Toluene-d8	10.269	98	14011	80.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	161.040%#
62) 4-Bromofluorobenzene	12.575	95	5589	95.627	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	191.260%#

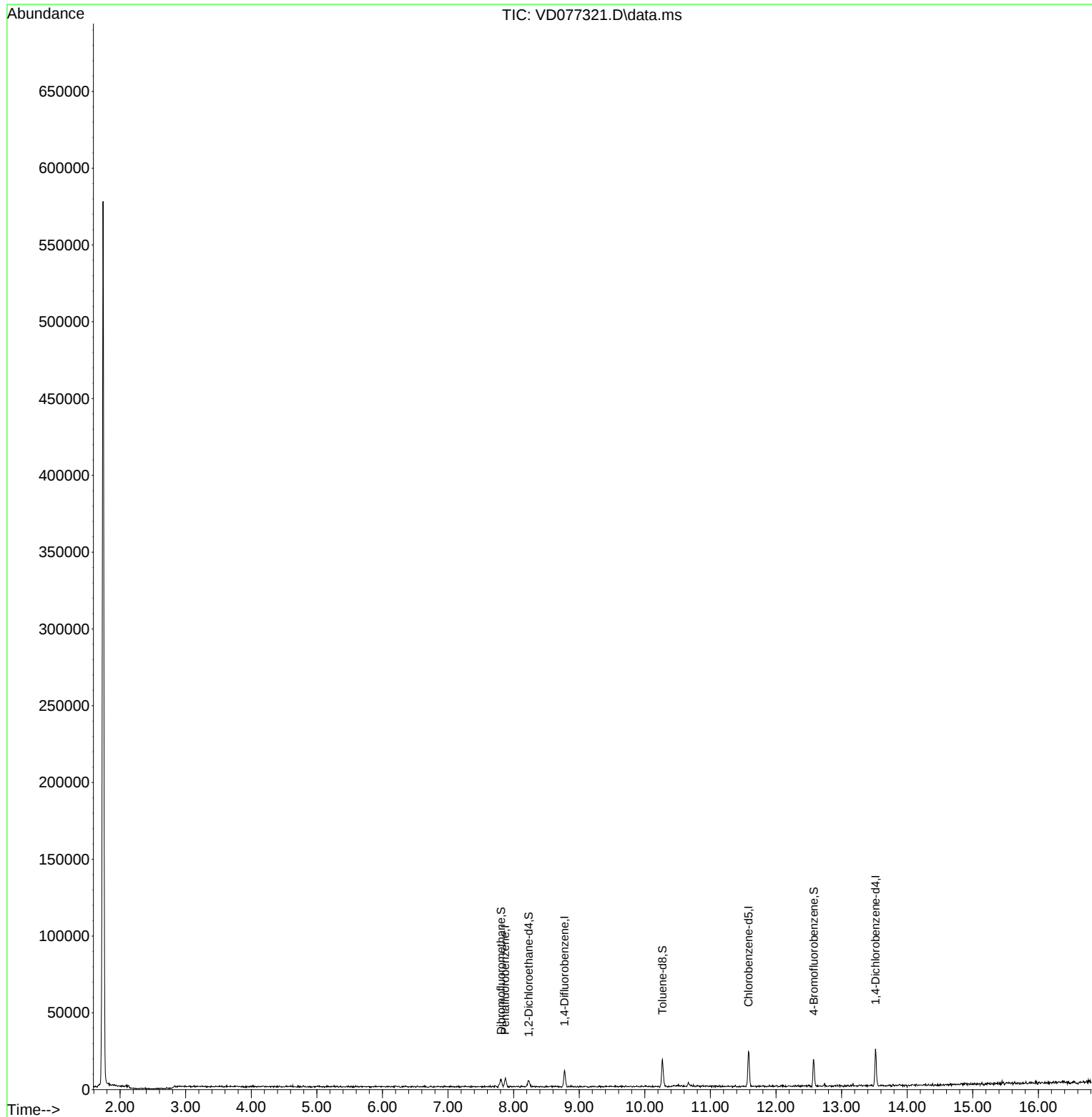
Target Compounds	Qvalue

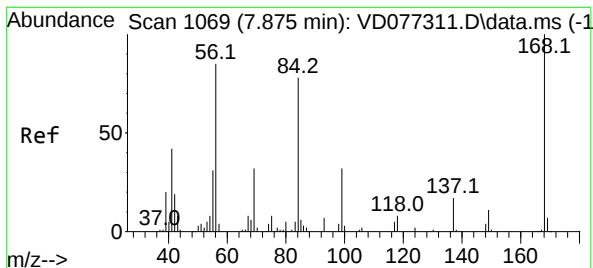
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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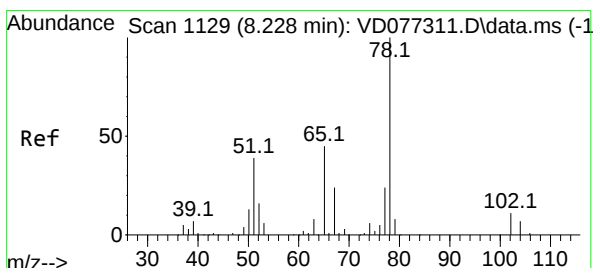
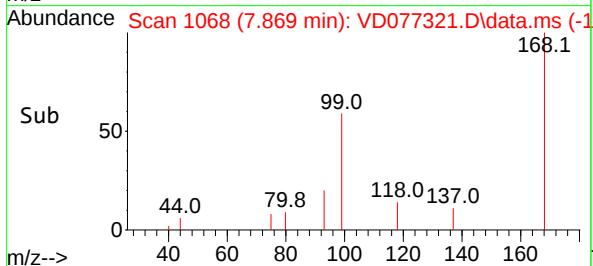
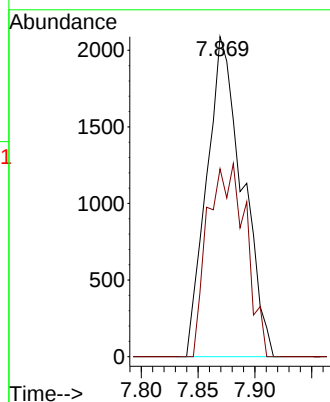
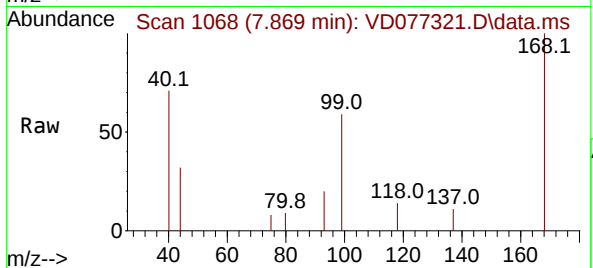




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077321.D
Acq: 12 Oct 2023 17:10

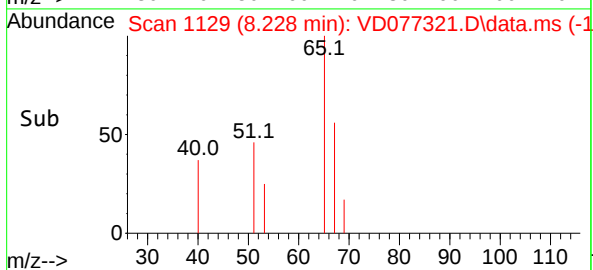
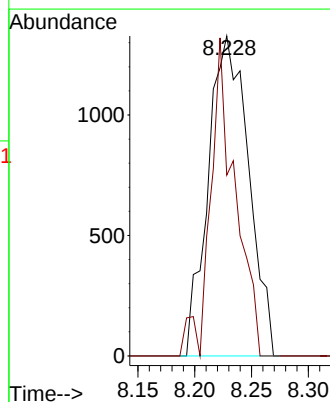
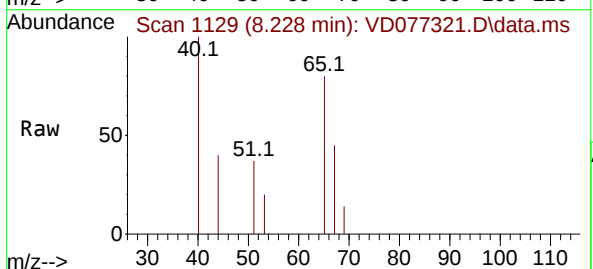
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP

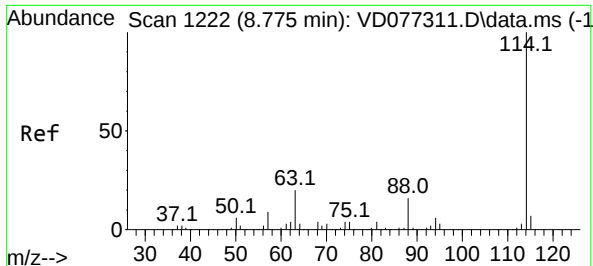
Tgt Ion:168 Resp: 4561
Ion Ratio Lower Upper
168 100
99 58.7 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 91.557 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077321.D
Acq: 12 Oct 2023 17:10

Tgt Ion: 65 Resp: 3283
Ion Ratio Lower Upper
65 100
67 61.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077321.D

Acq: 12 Oct 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMPRE

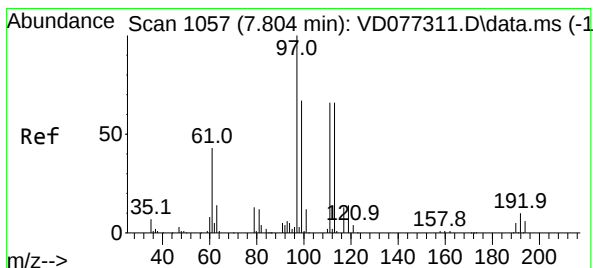
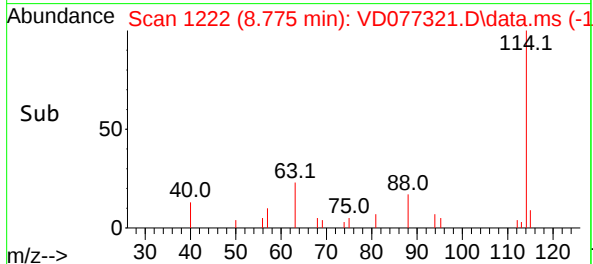
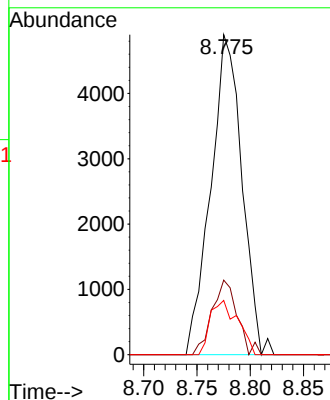
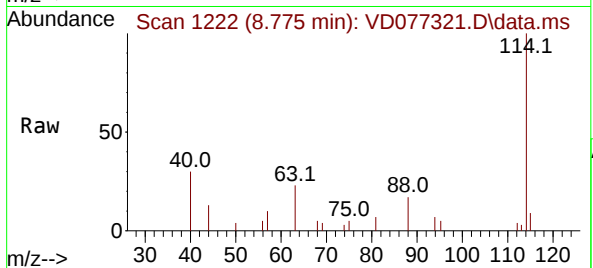
Tgt Ion:114 Resp: 9966

Ion Ratio Lower Upper

114 100

63 23.3 0.0 33.4

88 17.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 77.790 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077321.D

Acq: 12 Oct 2023 17:10

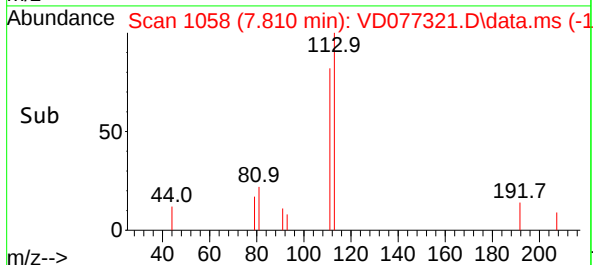
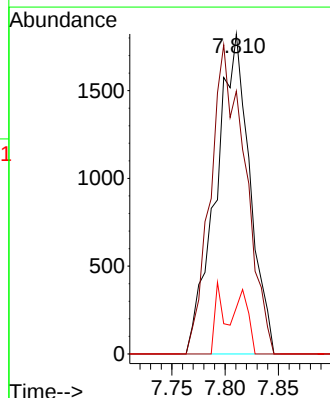
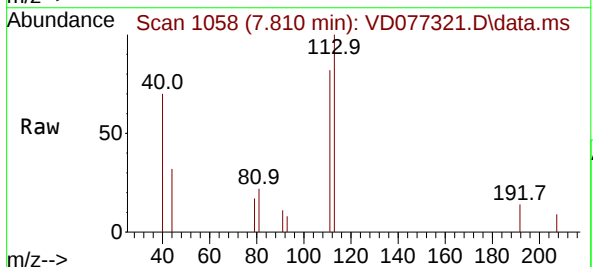
Tgt Ion:113 Resp: 4037

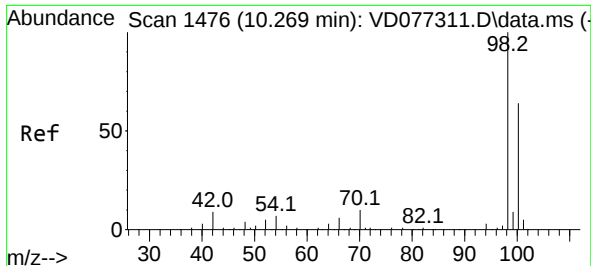
Ion Ratio Lower Upper

113 100

111 0.0 84.7 127.1#

192 7.5 16.8 25.2#

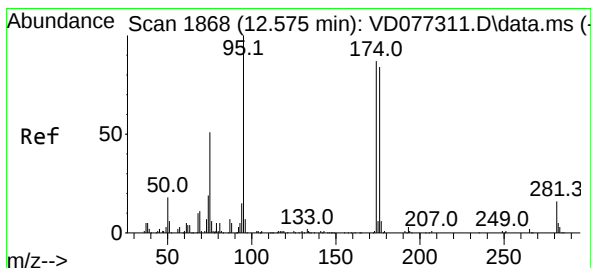
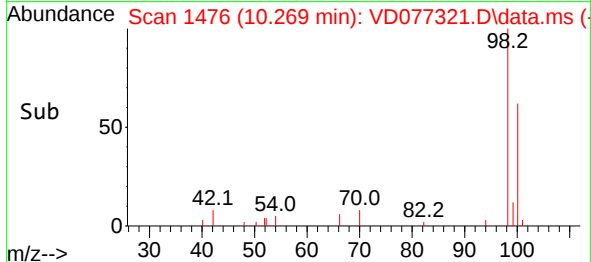
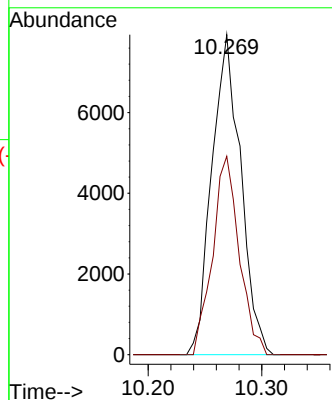
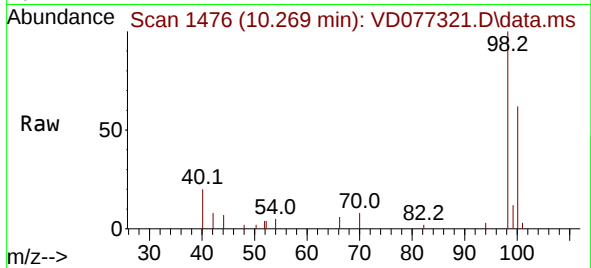




#50
Toluene-d8
Concen: 80.516 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077321.D
Acq: 12 Oct 2023 17:10

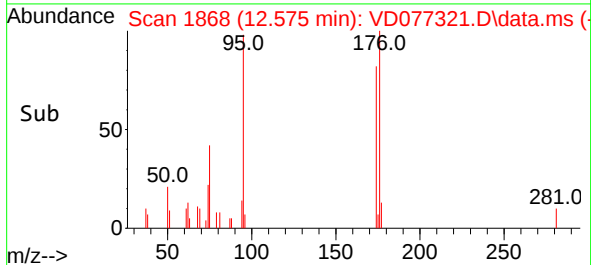
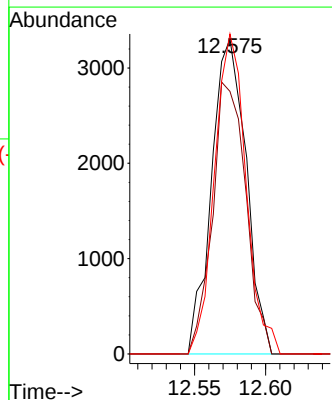
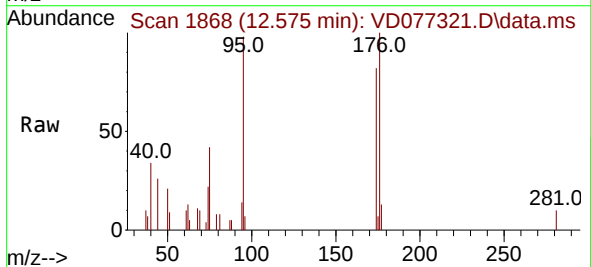
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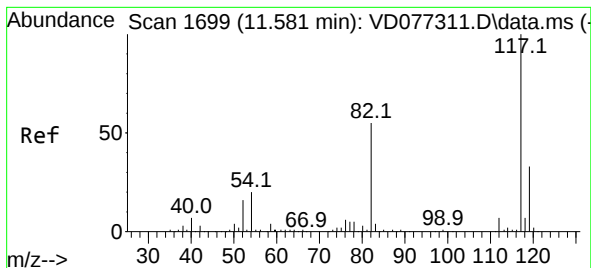
Tgt Ion: 98 Resp: 14011
Ion Ratio Lower Upper
98 100
100 57.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 95.627 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077321.D
Acq: 12 Oct 2023 17:10

Tgt Ion: 95 Resp: 5589
Ion Ratio Lower Upper
95 100
174 83.1 0.0 201.8
176 92.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077321.D

Acq: 12 Oct 2023 17:10

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMPRE

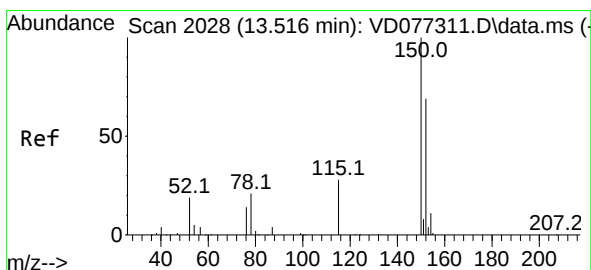
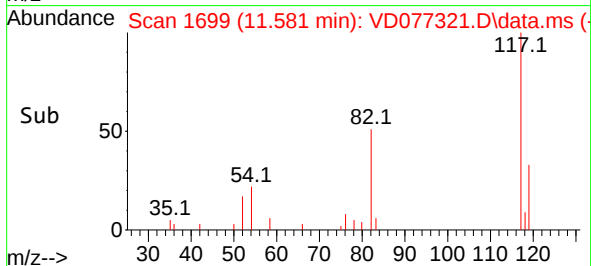
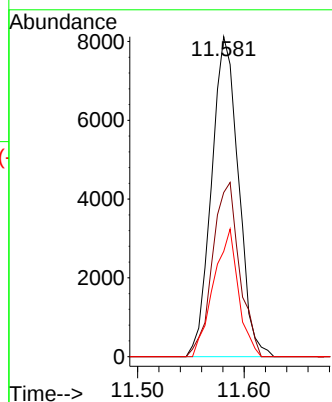
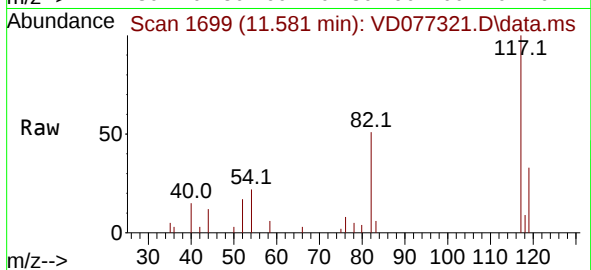
Tgt Ion:117 Resp: 14250

Ion Ratio Lower Upper

117 100

82 51.3 38.3 57.5

119 32.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD077321.D

Acq: 12 Oct 2023 17:10

Tgt Ion:152 Resp: 6225

Ion Ratio Lower Upper

152 100

115 67.8 27.1 81.3

150 170.7 0.0 353.6

