

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076468.D
 Acq On : 19 Jun 2023 14:11
 Operator : KP/SY
 Sample : 03262-01
 Misc : 5.13G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WS-SOIL1-0615

Quant Time: Jun 20 05:24:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	229428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	397115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	340334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137347	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	107801	46.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.800%
35) Dibromofluoromethane	7.804	113	117279	49.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.269	98	442184	49.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.575	95	124254	42.792	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.580%

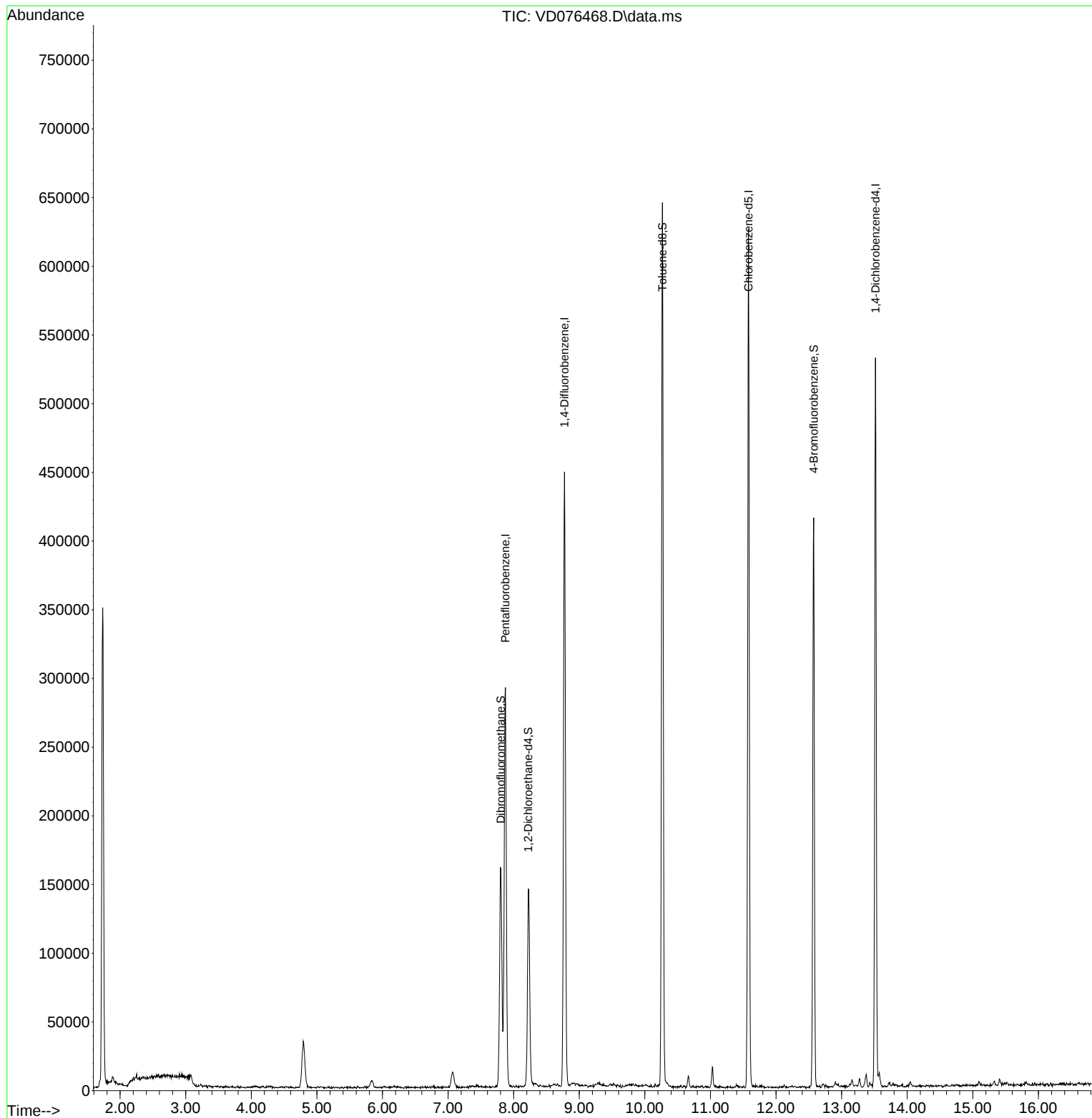
Target Compounds	Qvalue

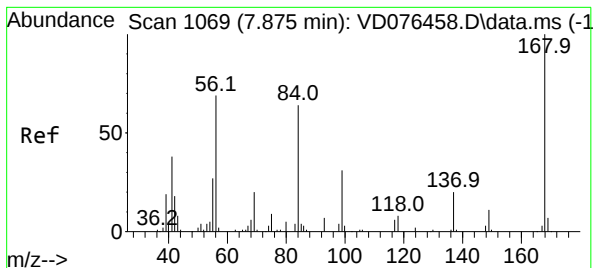
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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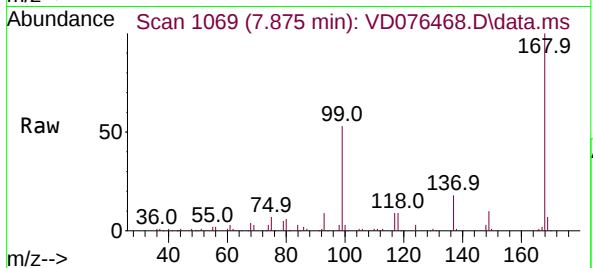
Quant Time: Jun 20 05:24:56 2023
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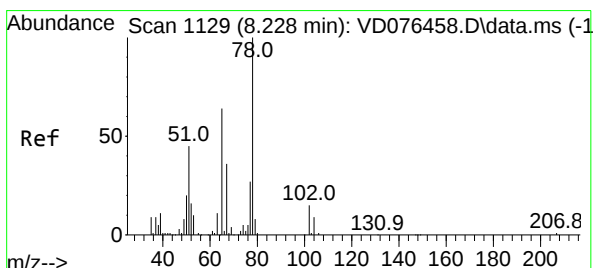
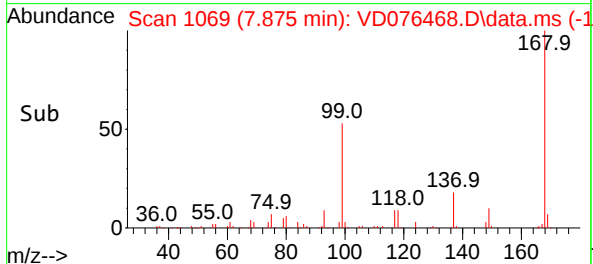
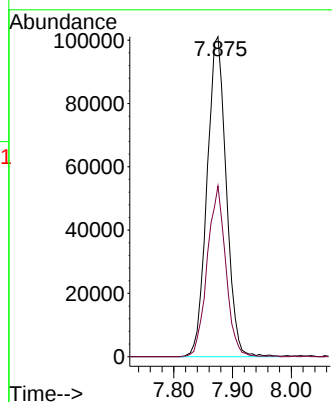


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

Instrument :
MSVOA_D
ClientSampleId :
WS-SOIL1-0615

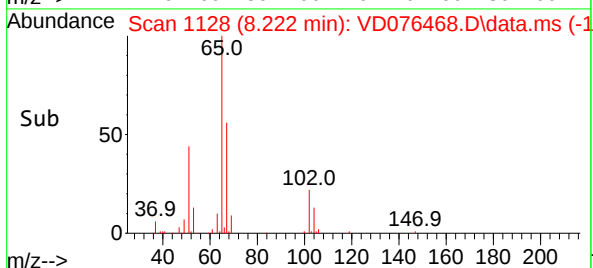
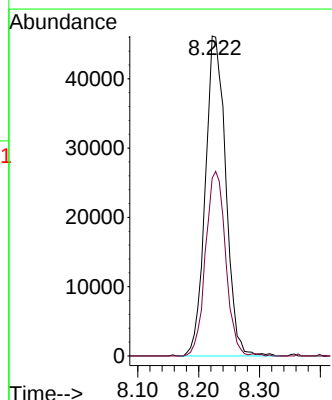
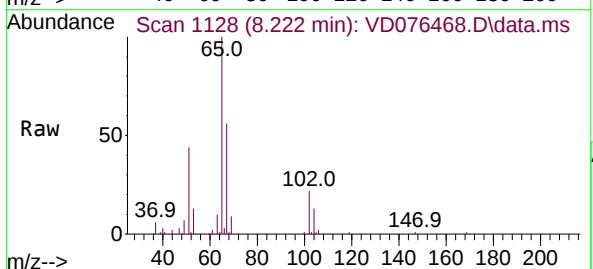


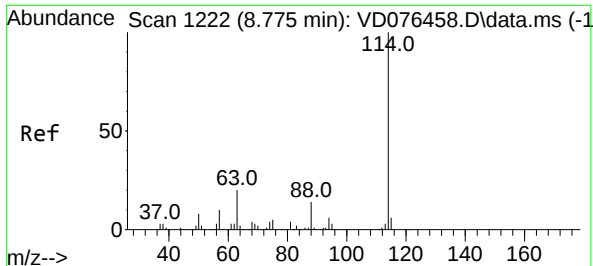
Tgt Ion:168 Resp: 229428
Ion Ratio Lower Upper
168 100
99 53.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 46.897 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076468.D
Acq: 19 Jun 2023 14:11

Tgt Ion: 65 Resp: 107801
Ion Ratio Lower Upper
65 100
67 56.4 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: VD076468.D

Acq: 19 Jun 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

WS-SOIL1-0615

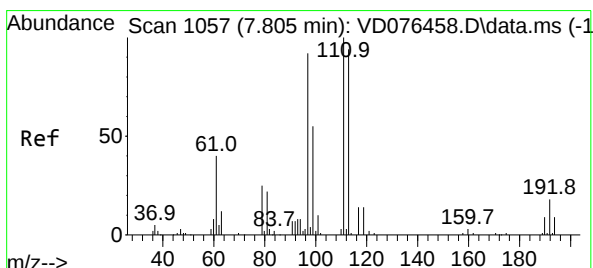
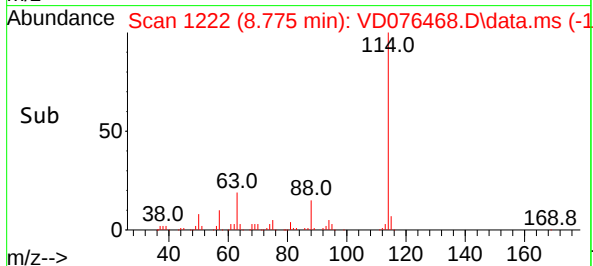
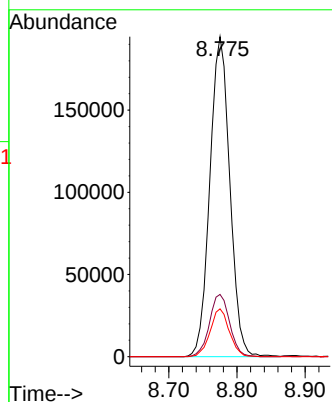
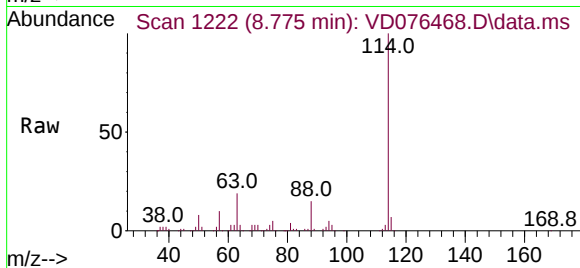
Tgt Ion:114 Resp: 397115

Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.4

88 15.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.713 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076468.D

Acq: 19 Jun 2023 14:11

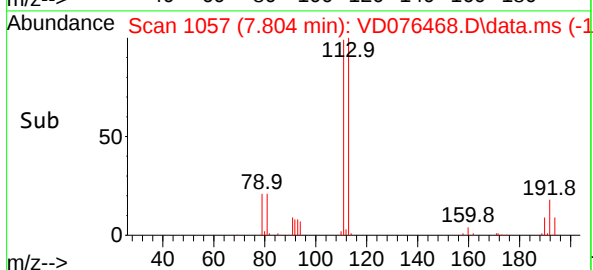
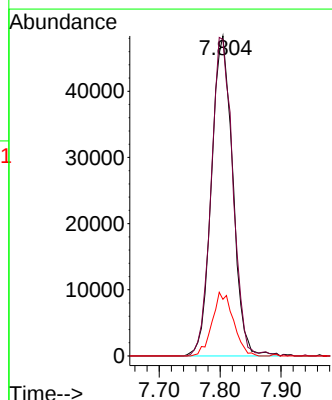
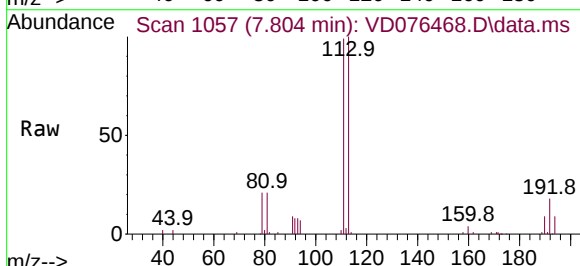
Tgt Ion:113 Resp: 117279

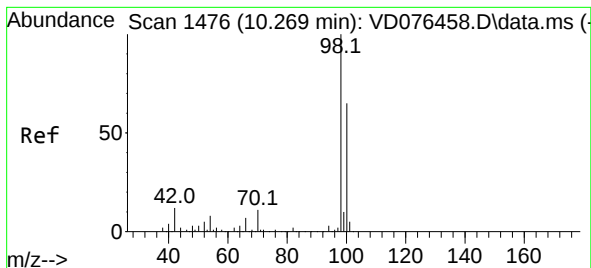
Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 19.9 16.8 25.2





#50

Toluene-d8

Concen: 49.423 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076468.D

Acq: 19 Jun 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

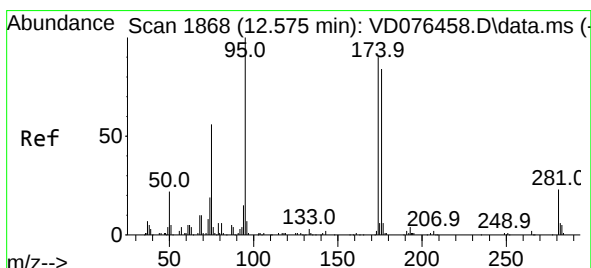
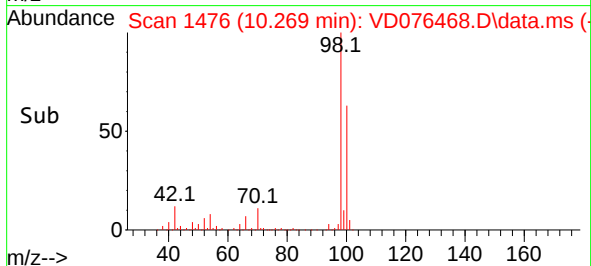
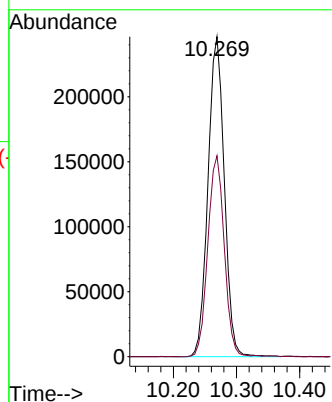
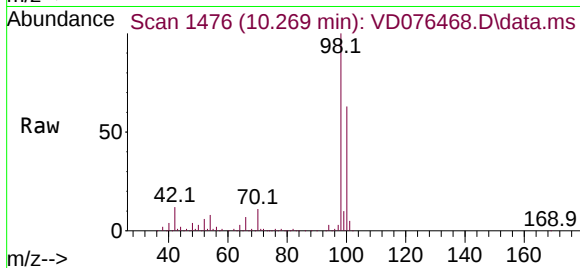
WS-SOIL1-0615

Tgt Ion: 98 Resp: 442184

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 42.792 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076468.D

Acq: 19 Jun 2023 14:11

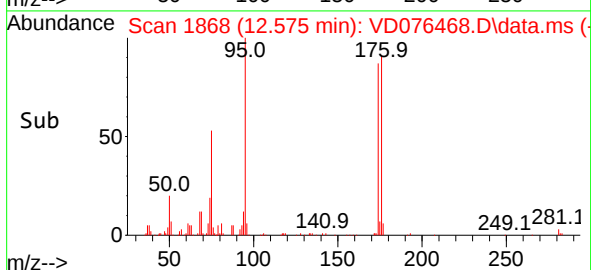
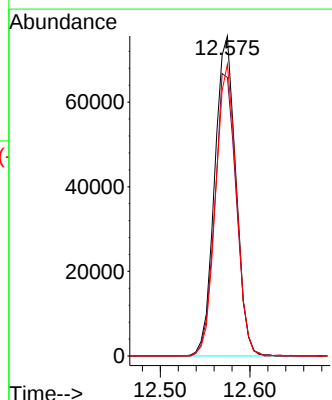
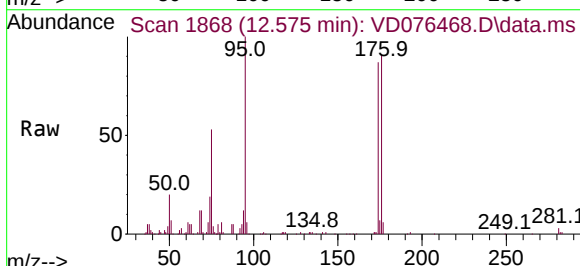
Tgt Ion: 95 Resp: 124254

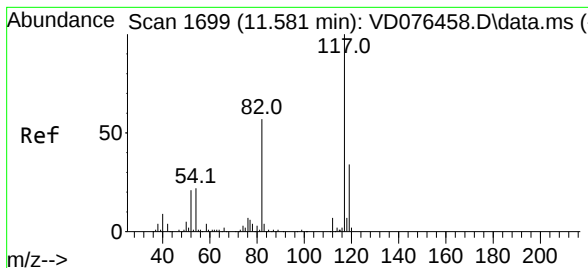
Ion Ratio Lower Upper

95 100

174 89.1 0.0 201.8

176 89.1 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: VD076468.D

Acq: 19 Jun 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

WS-SOIL1-0615

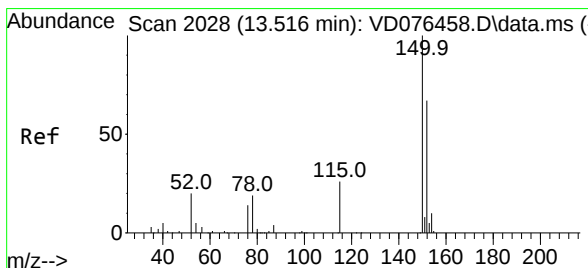
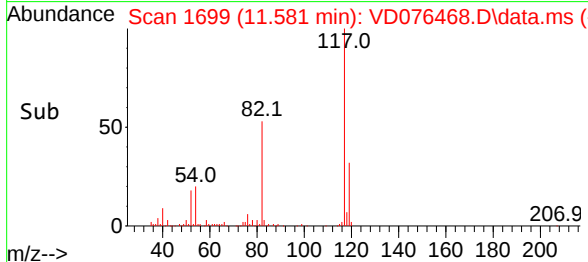
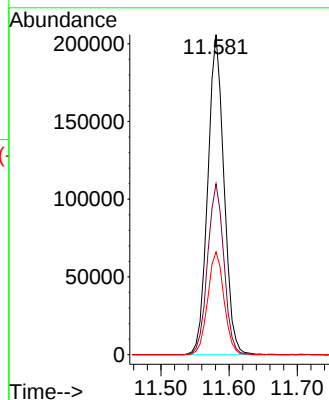
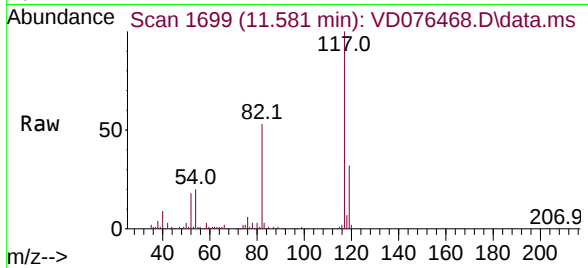
Tgt Ion:117 Resp: 340334

Ion Ratio Lower Upper

117 100

82 53.4 38.3 57.5

119 32.1 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: VD076468.D

Acq: 19 Jun 2023 14:11

Tgt Ion:152 Resp: 137347

Ion Ratio Lower Upper

152 100

115 57.6 27.1 81.3

150 161.0 0.0 353.6

