

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077380.D
 Acq On : 23 Oct 2023 14:47
 Operator : JC/SY
 Sample : 04989-01
 Misc : 4.26G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRENCHWAY-SOIL-PILE

Quant Time: Oct 23 23:40:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	142768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	278114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	254842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	102569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65846	51.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.300%
35) Dibromofluoromethane	7.804	113	80913	41.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.820%
50) Toluene-d8	10.269	98	247431	35.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.720%
62) 4-Bromofluorobenzene	12.574	95	65454	32.495	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.000%

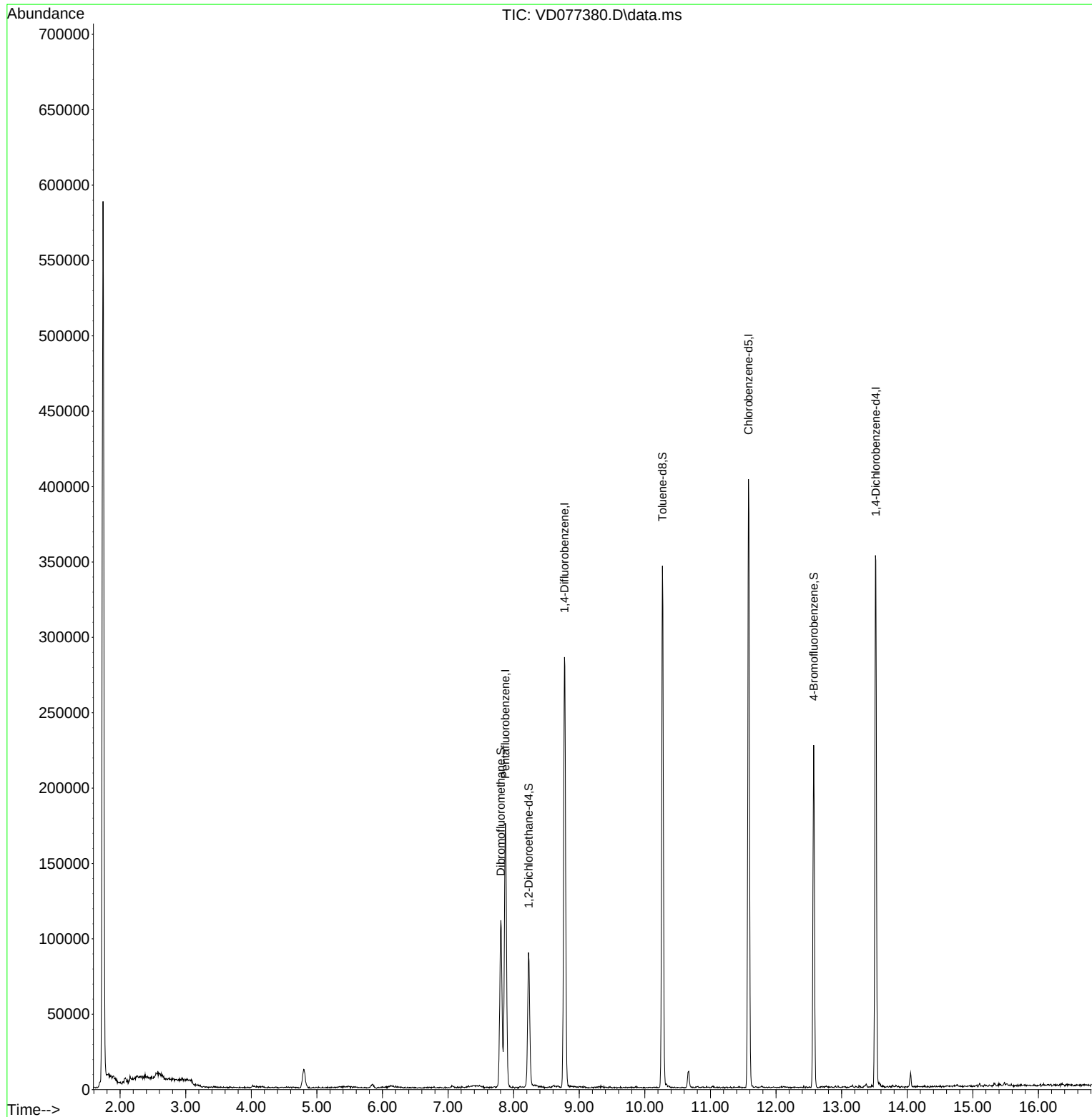
Target Compounds	Qvalue

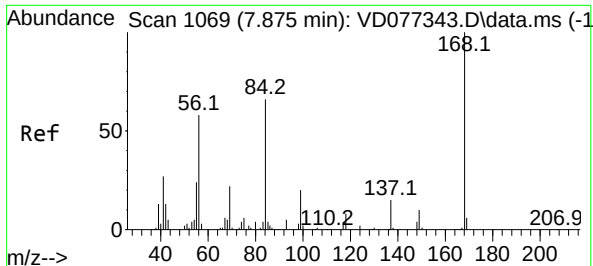
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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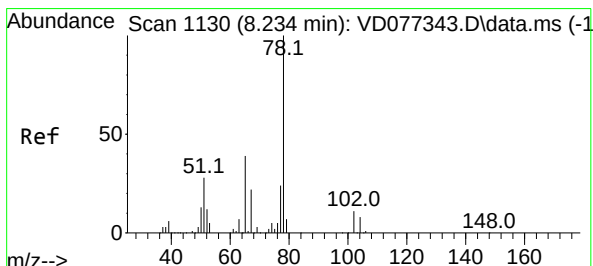
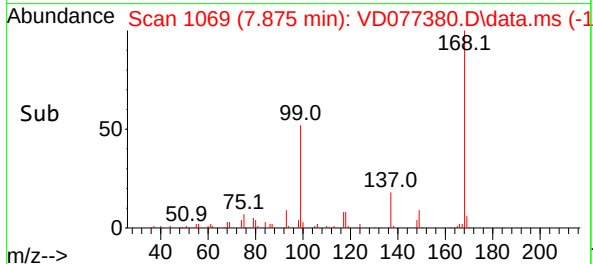
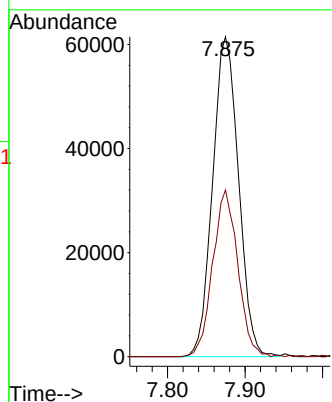
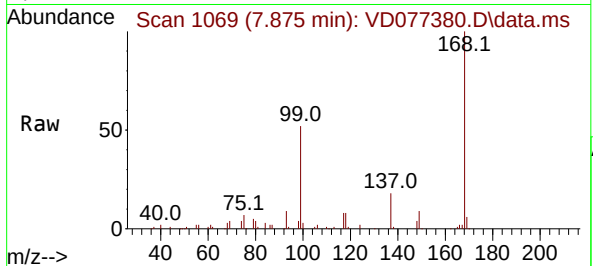




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

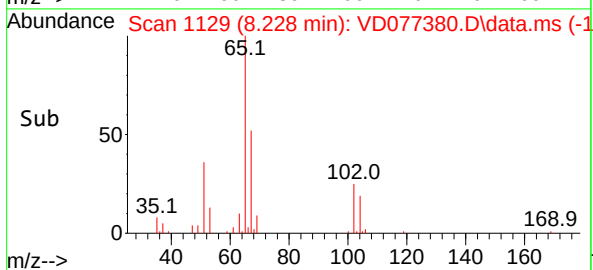
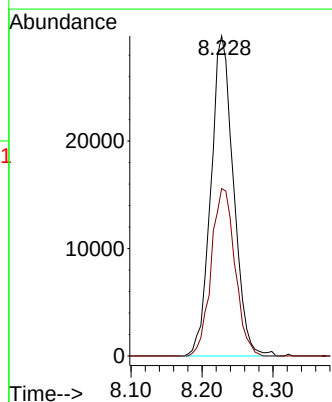
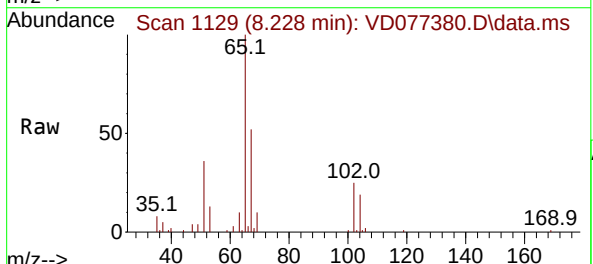
Instrument :
MSVOA_D
ClientSampleId :
TRENCHWAY-SOIL-PILE

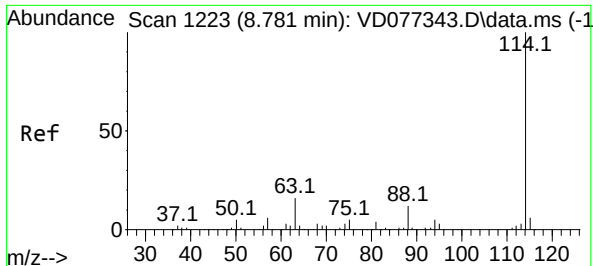
Tgt Ion:168 Resp: 142768
Ion Ratio Lower Upper
168 100
99 52.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.651 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

Tgt Ion: 65 Resp: 65846
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077380.D

Acq: 23 Oct 2023 14:47

Instrument :

MSVOA_D

ClientSampleId :

TRENCHWAY-SOIL-PILE

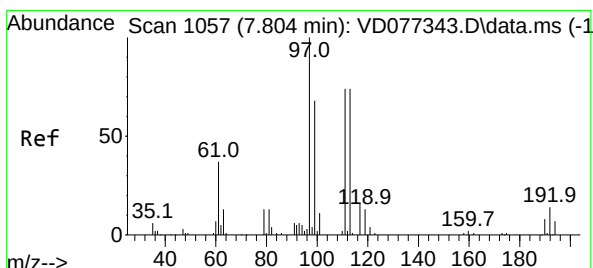
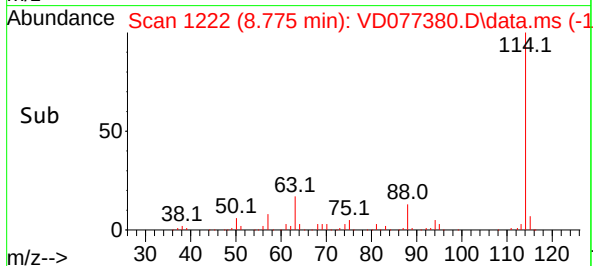
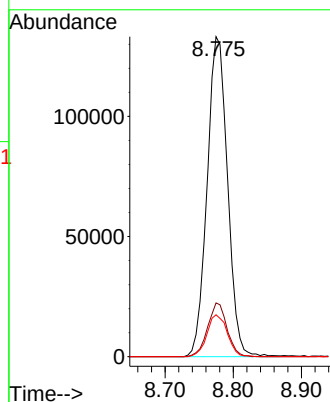
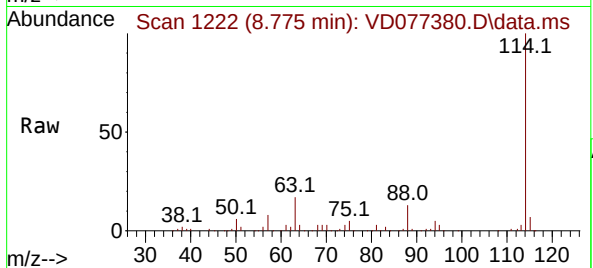
Tgt Ion:114 Resp: 278114

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 41.412 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077380.D

Acq: 23 Oct 2023 14:47

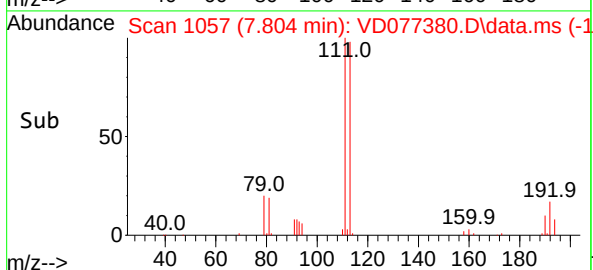
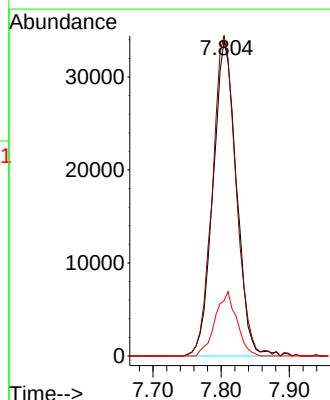
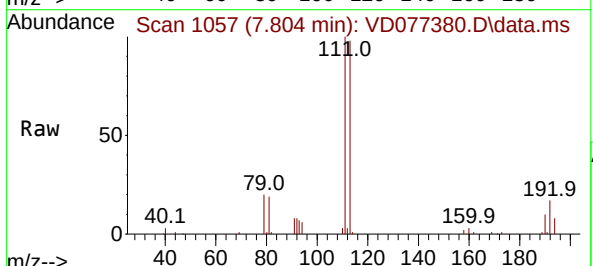
Tgt Ion:113 Resp: 80913

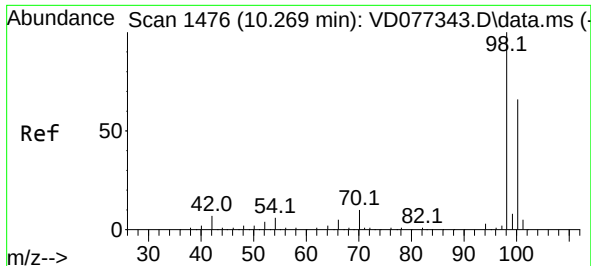
Ion Ratio Lower Upper

113 100

111 102.5 84.7 127.1

192 18.9 16.8 25.2

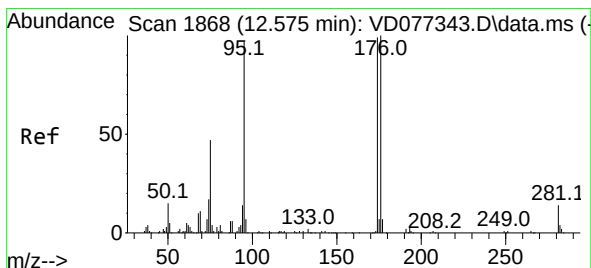
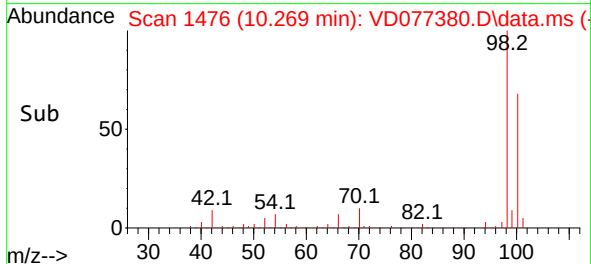
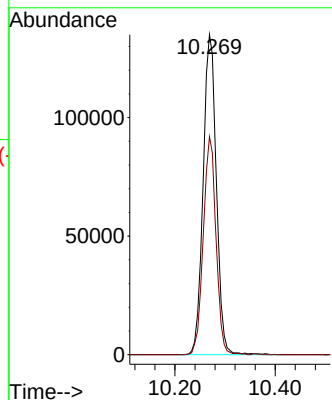
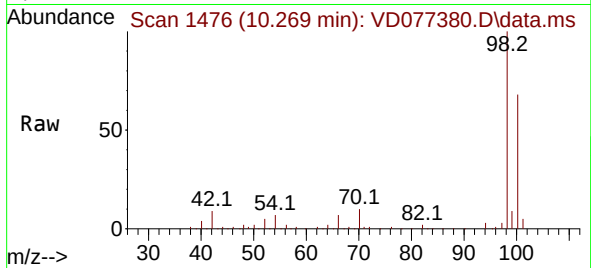




#50
Toluene-d8
Concen: 35.360 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

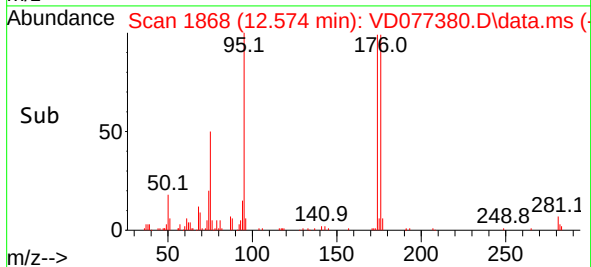
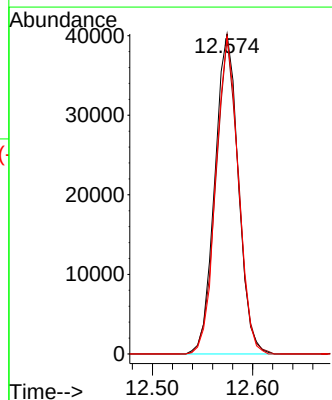
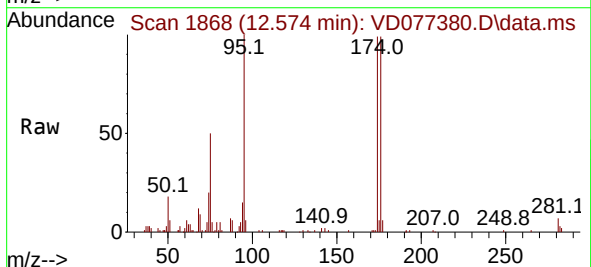
Instrument :
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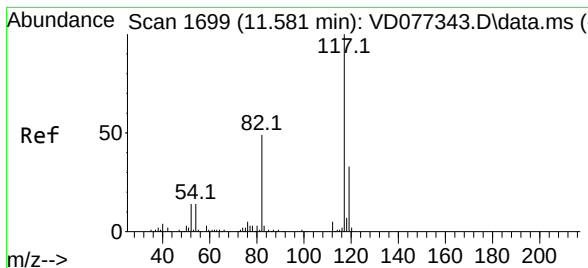
Tgt Ion: 98 Resp: 247431
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 32.495 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD077380.D
Acq: 23 Oct 2023 14:47

Tgt Ion: 95 Resp: 65454
Ion Ratio Lower Upper
95 100
174 95.1 0.0 201.8
176 95.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD077380.D

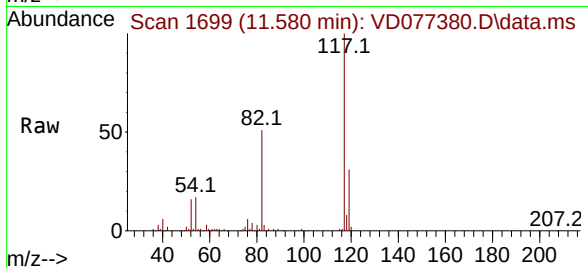
Acq: 23 Oct 2023 14:47

Instrument :

MSVOA_D

ClientSampleId :

TRENCHWAY-SOIL-PILE



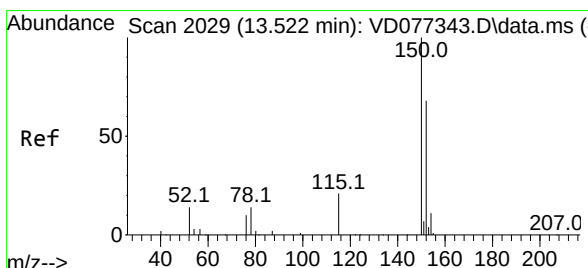
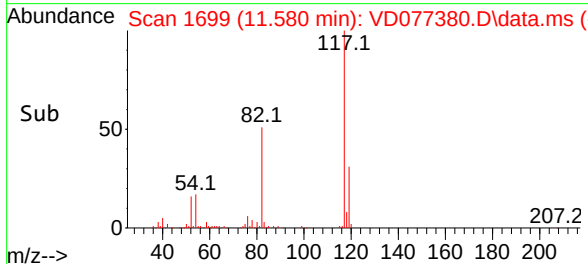
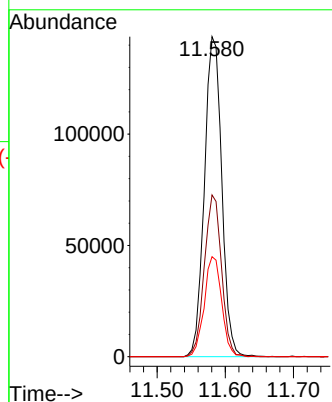
Tgt Ion:117 Resp: 254842

Ion Ratio Lower Upper

117 100

82 50.6 38.3 57.5

119 31.2 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.521 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD077380.D

Acq: 23 Oct 2023 14:47

Tgt Ion:152 Resp: 102569

Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 159.3 0.0 353.6

