

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074948.D
 Acq On : 16 Nov 2022 14:58
 Operator : VA/SY
 Sample : N5642-03
 Misc : 6.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-23

Quant Time: Nov 17 00:21:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	133618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	243759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	224075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	94509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66998	78.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.760%
35) Dibromofluoromethane	7.810	113	79869	53.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.300%
50) Toluene-d8	10.269	98	292295	59.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.100%
62) 4-Bromofluorobenzene	12.575	95	80262	52.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.620%

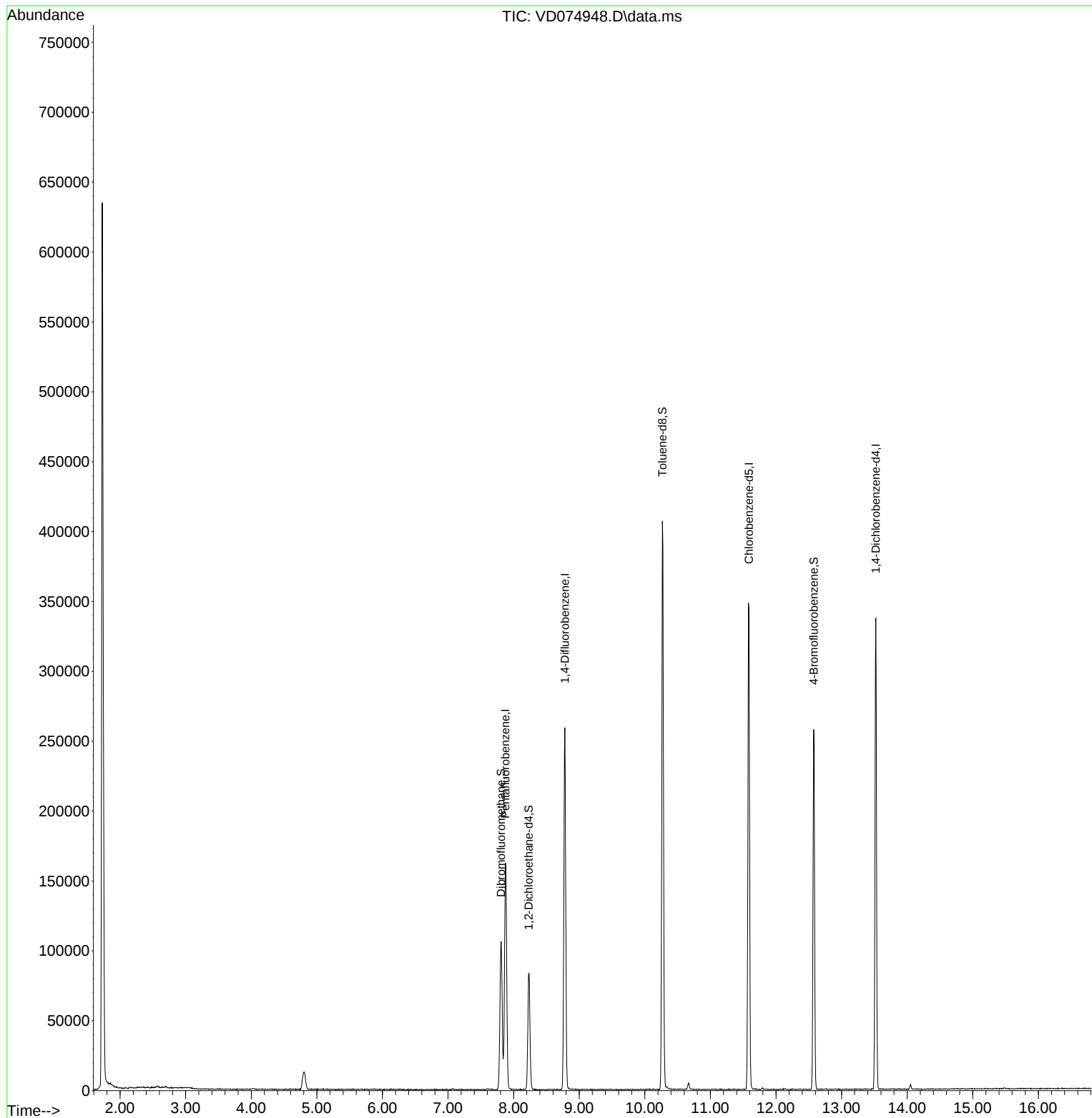
Target Compounds	Qvalue

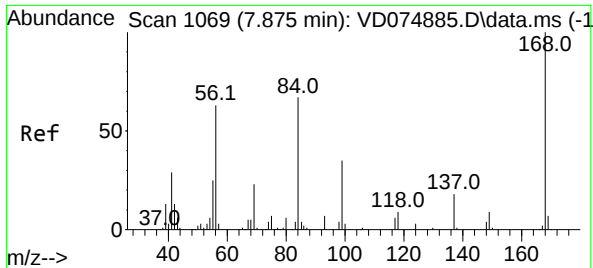
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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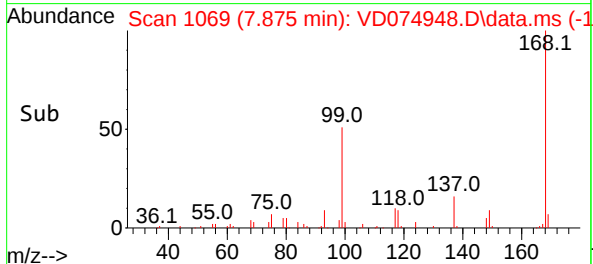
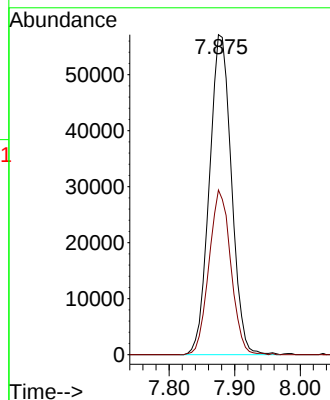
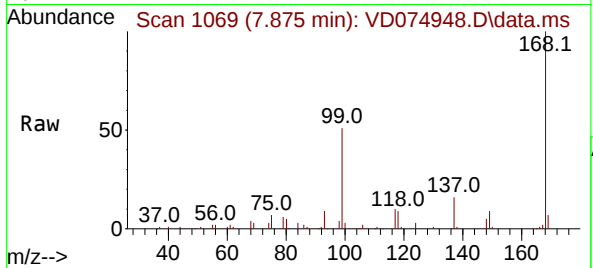




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

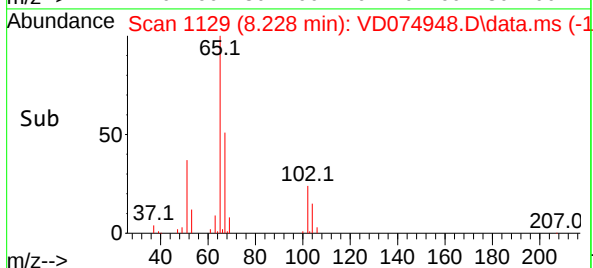
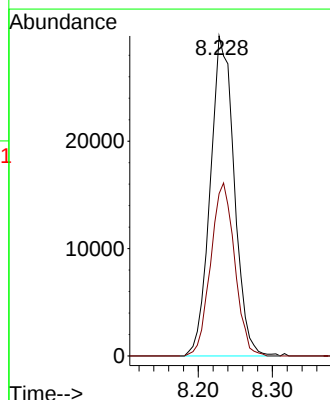
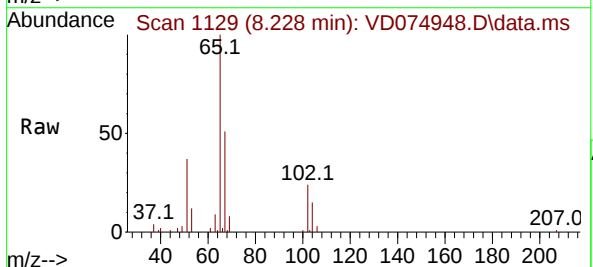
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-23

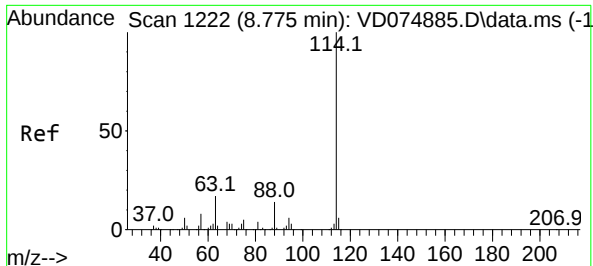
Tgt Ion:168 Resp: 133618
Ion Ratio Lower Upper
168 100
99 51.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 78.884 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion: 65 Resp: 66998
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074948.D

Acq: 16 Nov 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE-23

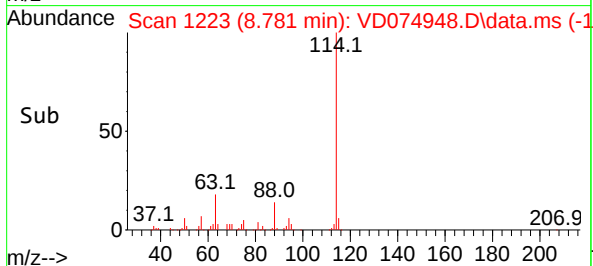
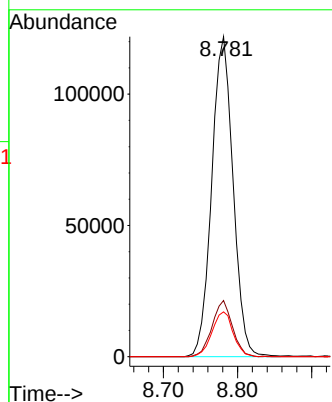
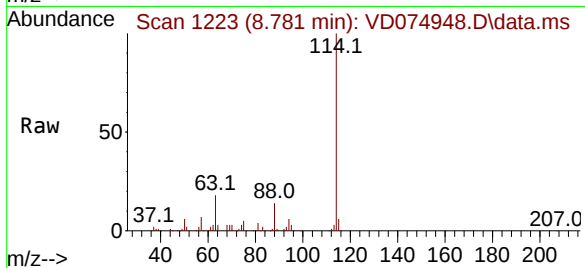
Tgt Ion:114 Resp: 243759

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.154 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074948.D

Acq: 16 Nov 2022 14:58

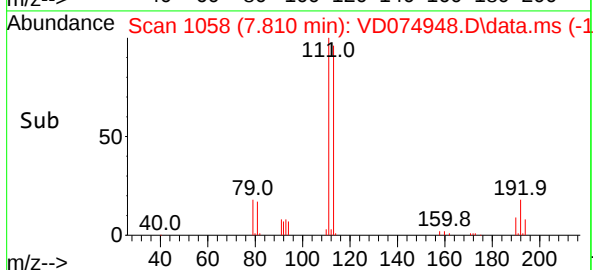
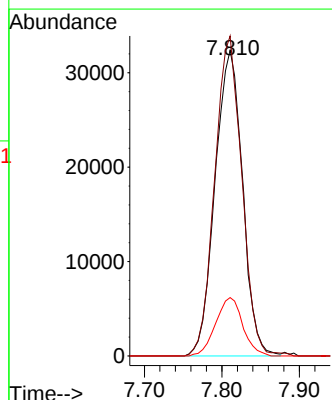
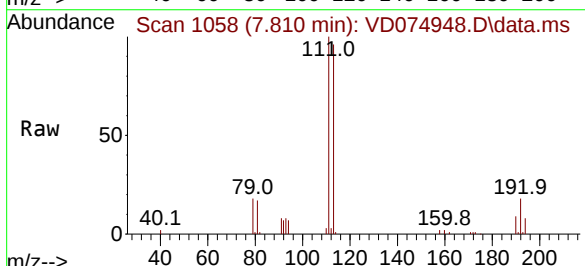
Tgt Ion:113 Resp: 79869

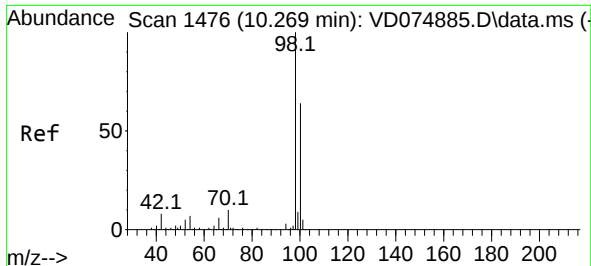
Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 18.9 16.4 24.6

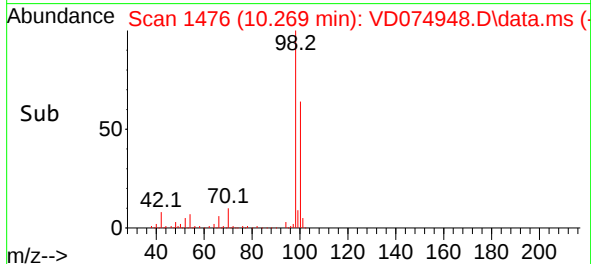
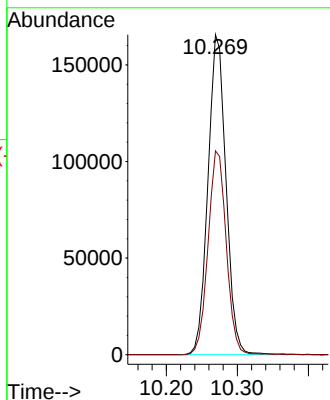
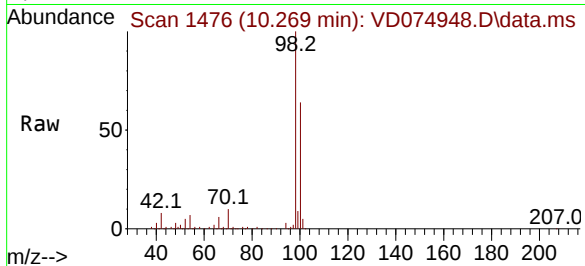




#50
Toluene-d8
Concen: 59.054 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

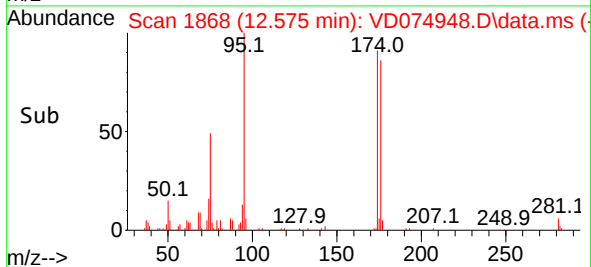
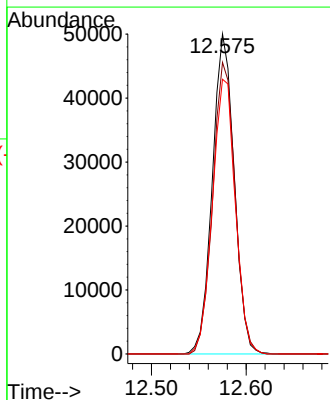
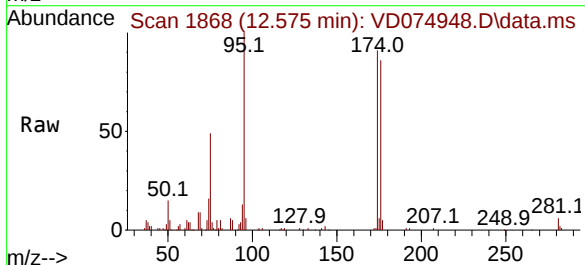
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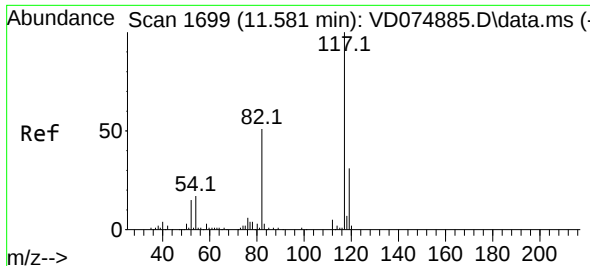
Tgt Ion: 98 Resp: 292295
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.808 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion: 95 Resp: 80262
Ion Ratio Lower Upper
95 100
174 93.0 0.0 197.0
176 90.1 0.0 182.6

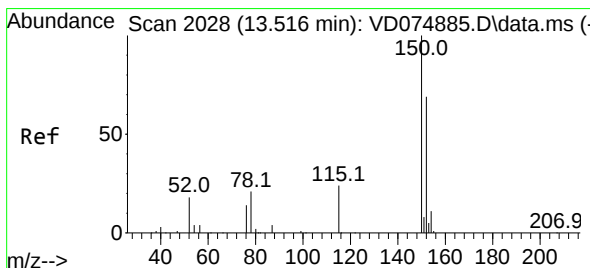
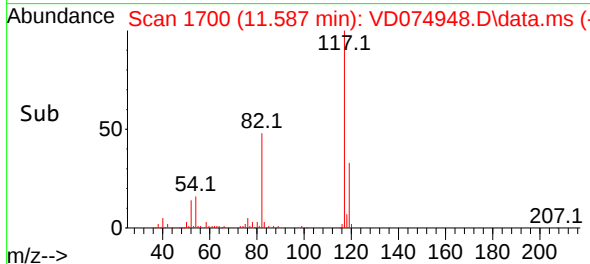
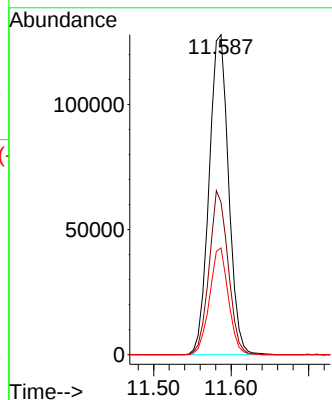
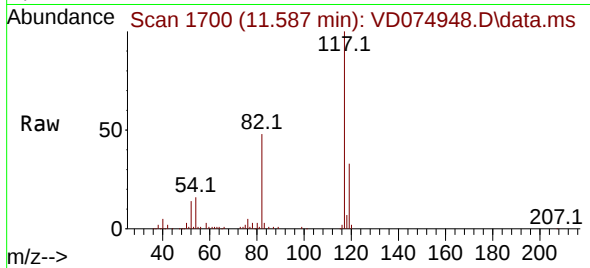




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-23

Tgt Ion:117 Resp: 224075
Ion Ratio Lower Upper
117 100
82 47.7 41.6 62.4
119 33.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074948.D
Acq: 16 Nov 2022 14:58

Tgt Ion:152 Resp: 94509
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 158.8 0.0 348.2

