

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074062.D
 Acq On : 12 Aug 2022 14:51
 Operator : VA/SY
 Sample : N4107-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-STOCKPILE

Quant Time: Aug 12 23:47:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	164032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	280507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	249603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	108168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57445	43.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.880%
35) Dibromofluoromethane	7.903	113	69115	37.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.200%
50) Toluene-d8	10.332	98	173413	33.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	67.480%
62) 4-Bromofluorobenzene	12.620	95	75224	32.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.660%

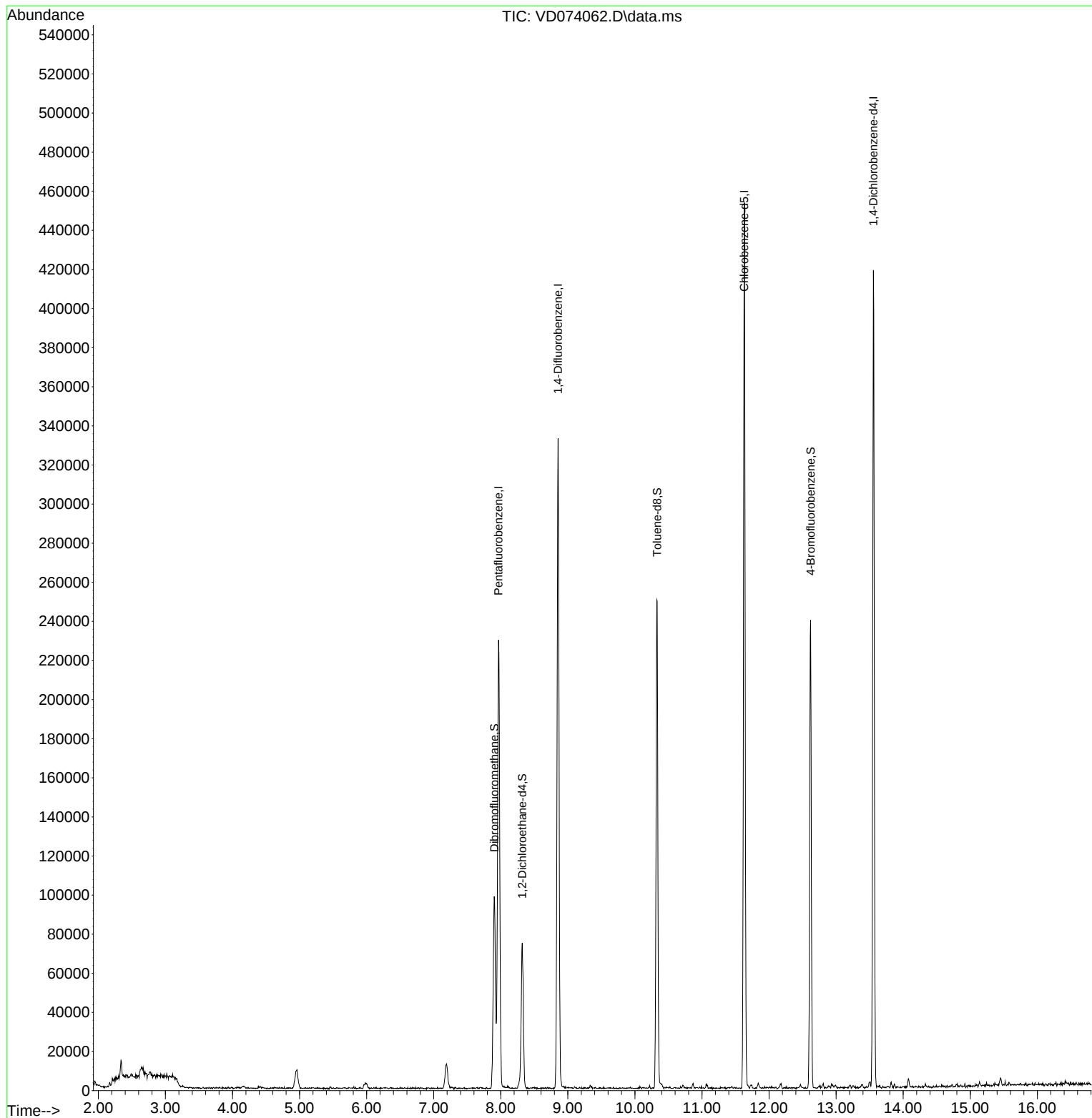
Target Compounds Qvalue

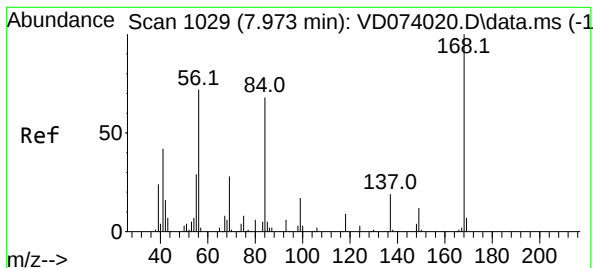
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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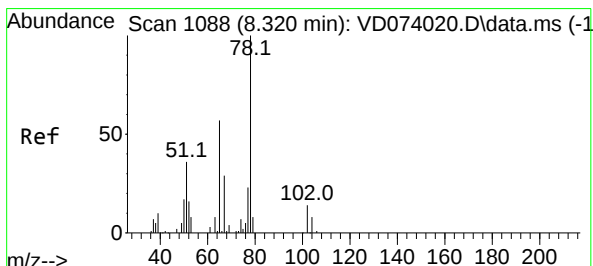
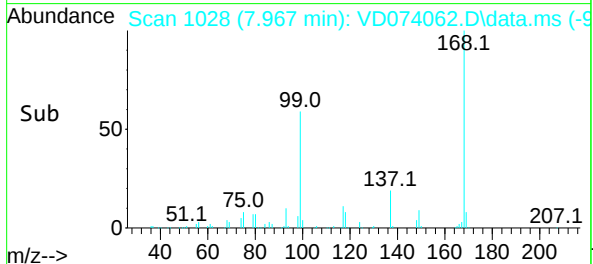
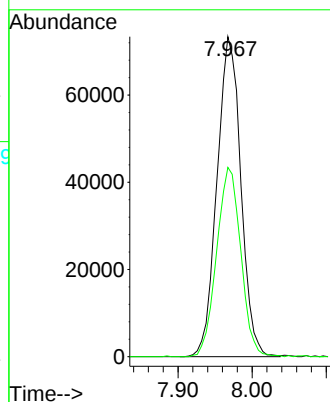
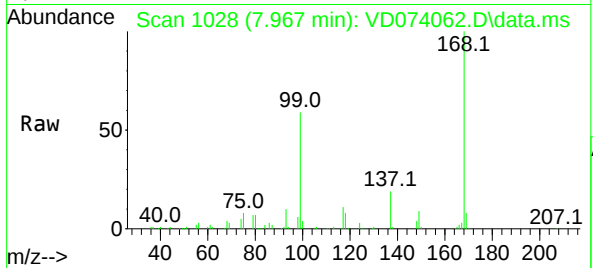




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074062.D
Acq: 12 Aug 2022 14:51

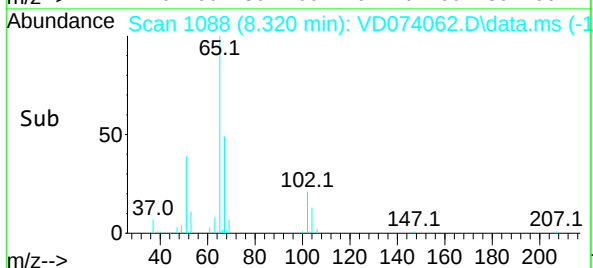
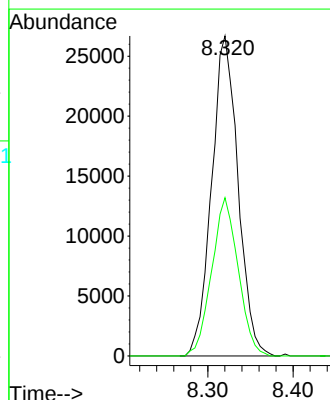
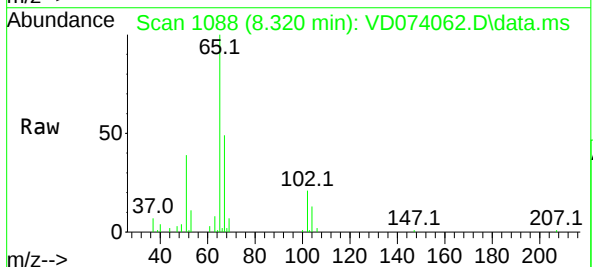
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-STOCKPILE

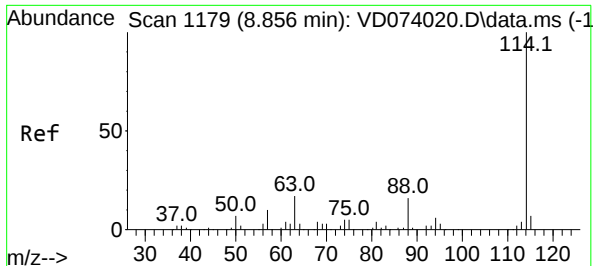
Tgt Ion:168 Resp: 164032
Ion Ratio Lower Upper
168 100
99 59.2 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 43.436 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074062.D
Acq: 12 Aug 2022 14:51

Tgt Ion: 65 Resp: 57445
Ion Ratio Lower Upper
65 100
67 49.5 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074062.D

Acq: 12 Aug 2022 14:51

Instrument :

MSVOA_D

ClientSampleId :

CONCRETE-STOCKPILE

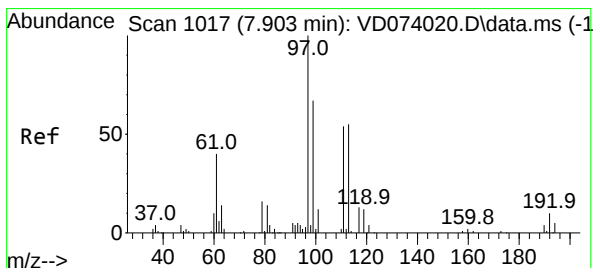
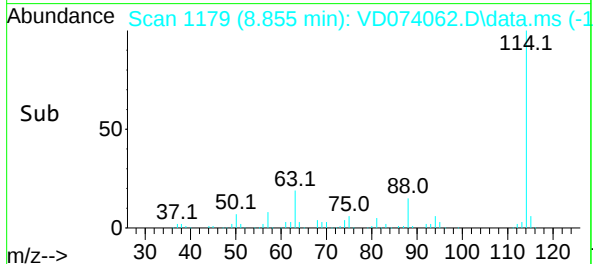
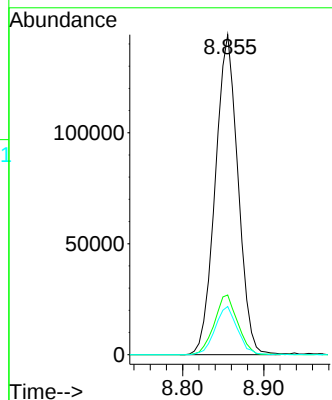
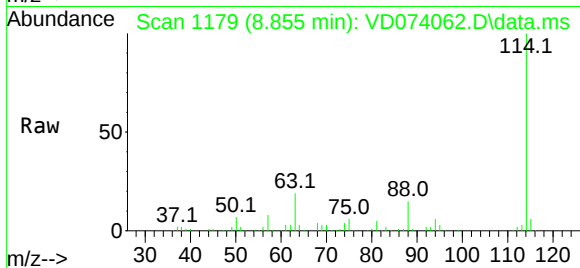
Tgt Ion:114 Resp: 280507

Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.0

88 15.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 37.097 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074062.D

Acq: 12 Aug 2022 14:51

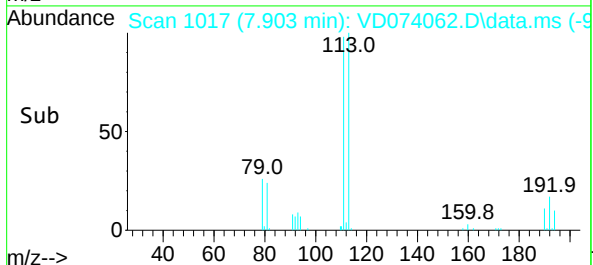
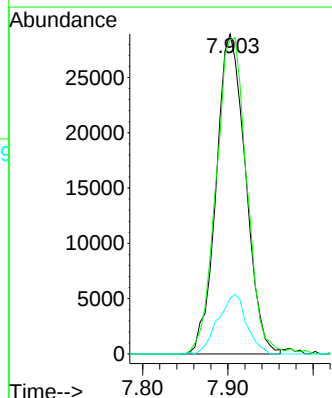
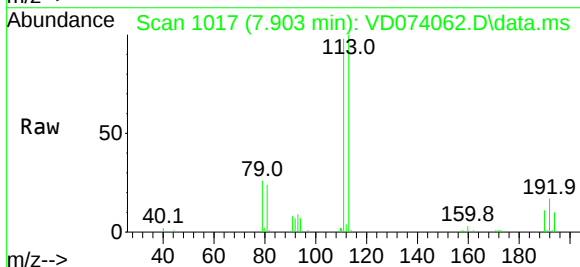
Tgt Ion:113 Resp: 69115

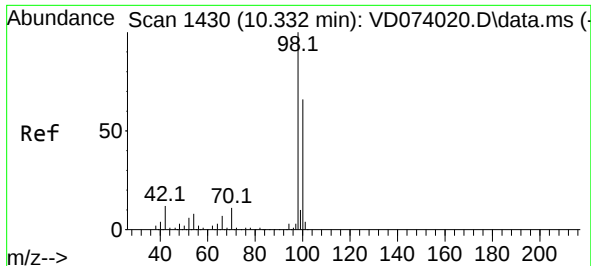
Ion Ratio Lower Upper

113 100

111 103.7 80.0 120.0

192 18.2 14.2 21.4

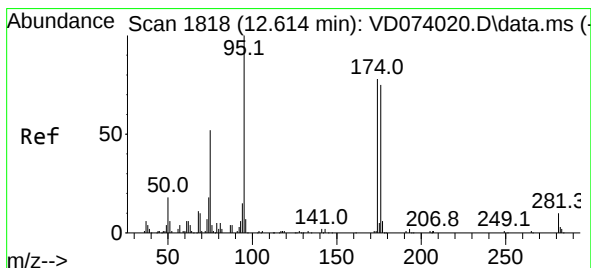
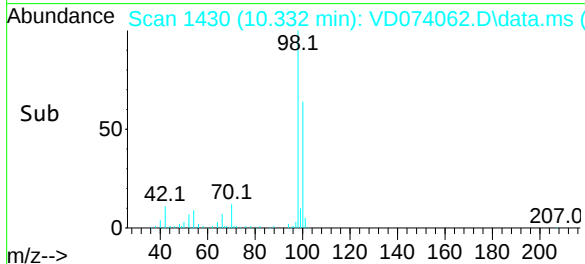
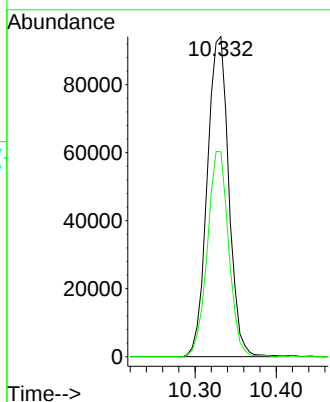
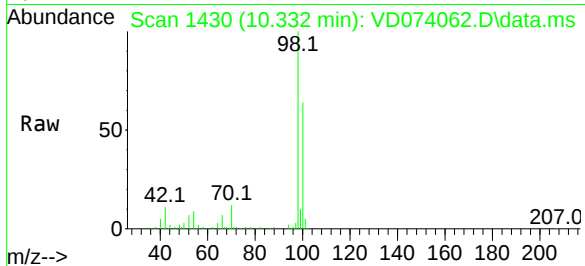




#50
Toluene-d8
Concen: 33.737 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074062.D
Acq: 12 Aug 2022 14:51

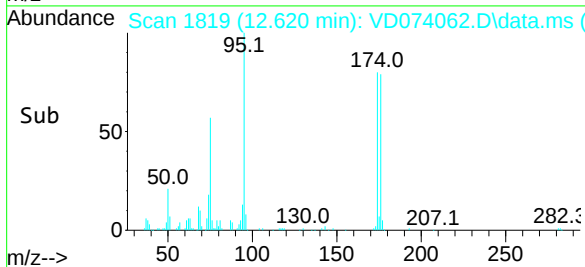
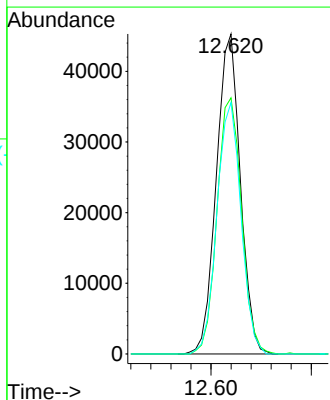
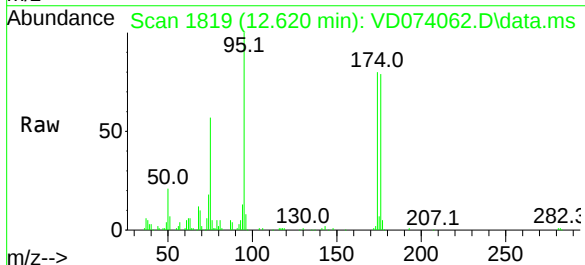
Instrument :
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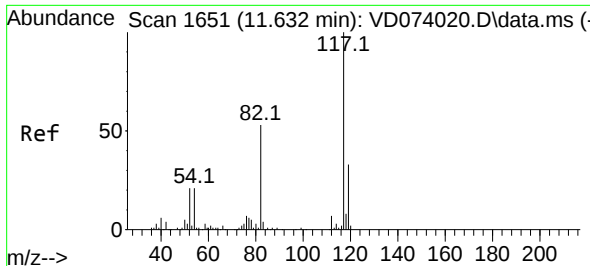
Tgt Ion: 98 Resp: 173413
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 32.833 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074062.D
Acq: 12 Aug 2022 14:51

Tgt Ion: 95 Resp: 75224
Ion Ratio Lower Upper
95 100
174 81.8 0.0 162.6
176 78.7 0.0 160.0

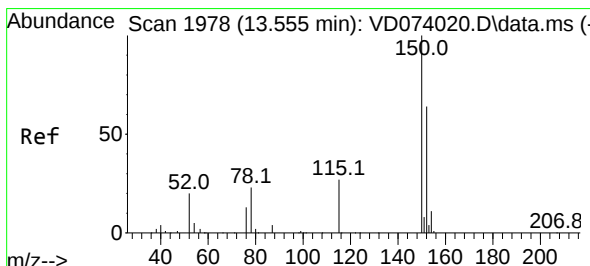
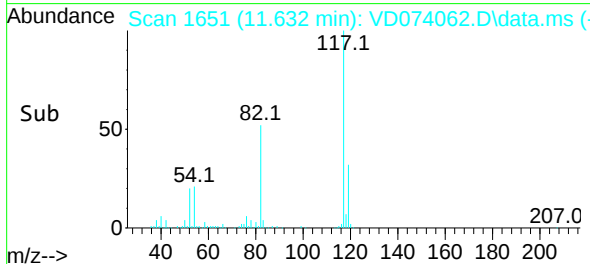
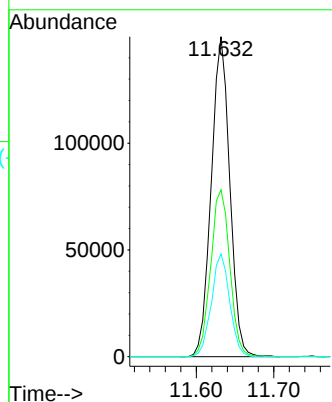
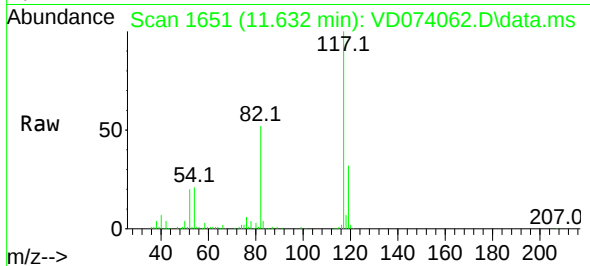




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074062.D
Acq: 12 Aug 2022 14:51

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-STOCKPILE

Tgt Ion:117 Resp: 249603
Ion Ratio Lower Upper
117 100
82 52.1 42.7 64.1
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074062.D
Acq: 12 Aug 2022 14:51

Tgt Ion:152 Resp: 108168
Ion Ratio Lower Upper
152 100
115 60.4 29.9 89.8
150 154.3 0.0 342.8

