

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074603.D
 Acq On : 20 Oct 2022 17:46
 Operator : VA/SY
 Sample : N5211-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-SOILPILE-1020

Quant Time: Oct 21 03:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	109078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	181169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	145089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46185	55.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.920%
35) Dibromofluoromethane	7.804	113	58696	58.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.340%
50) Toluene-d8	10.269	98	200226	55.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.440%
62) 4-Bromofluorobenzene	12.575	95	53163	51.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.000%

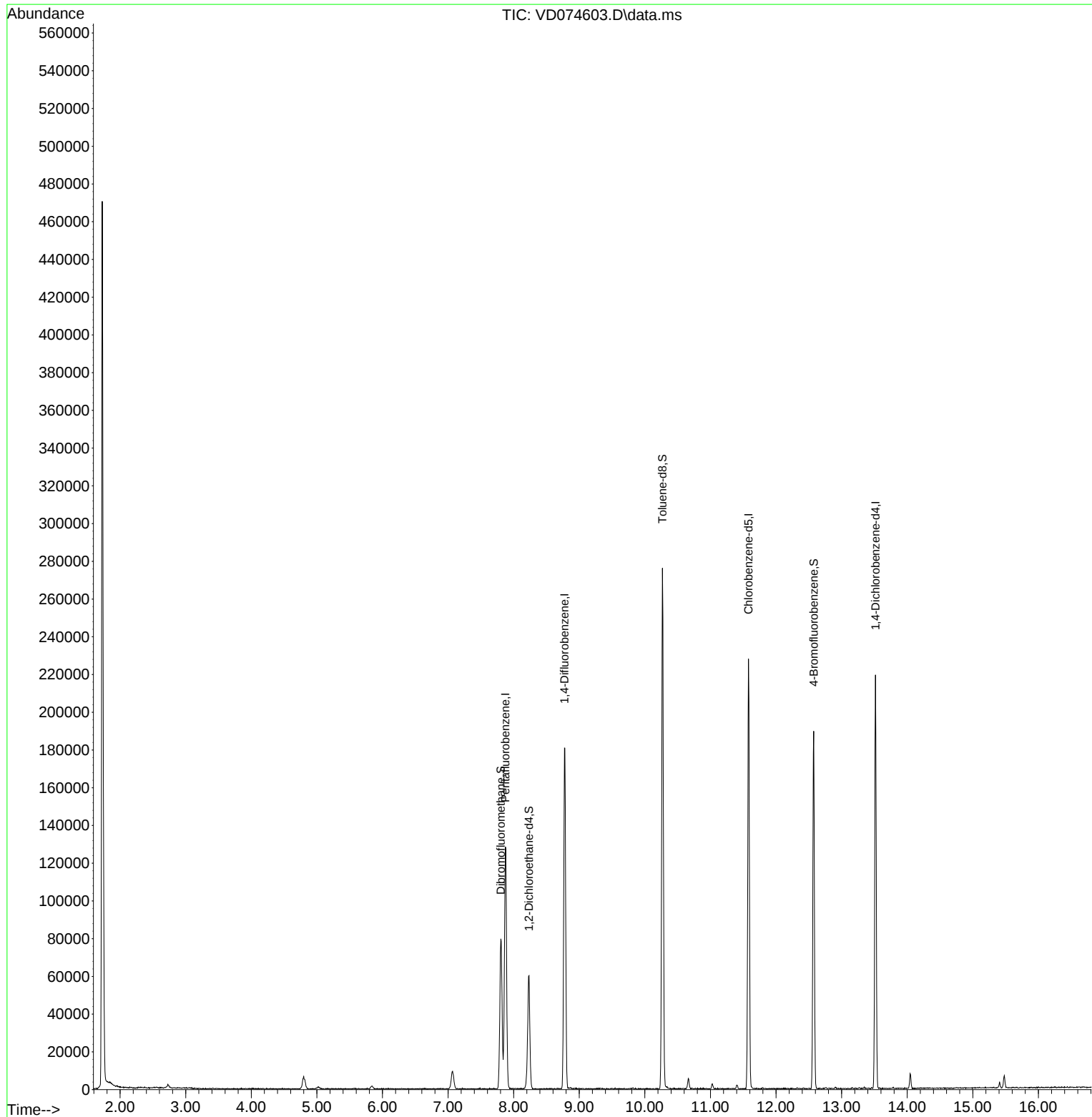
Target Compounds	Qvalue

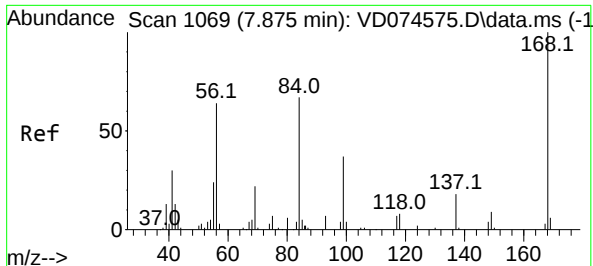
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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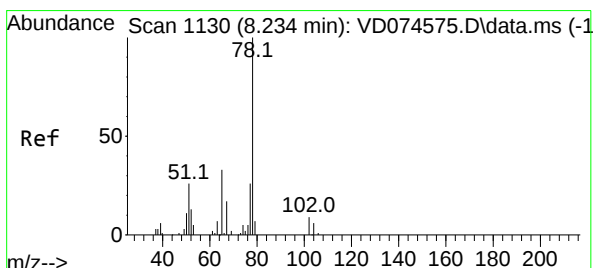
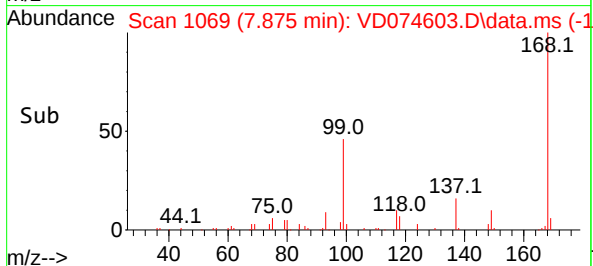
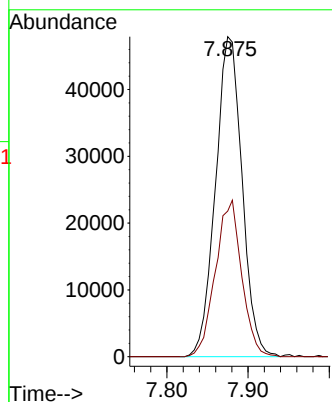
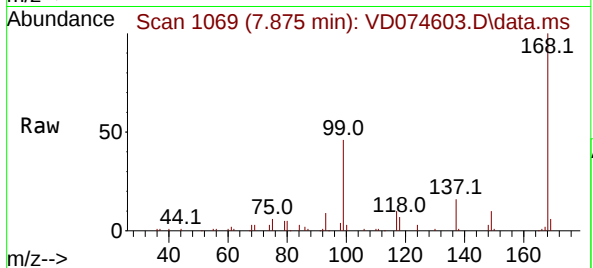




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

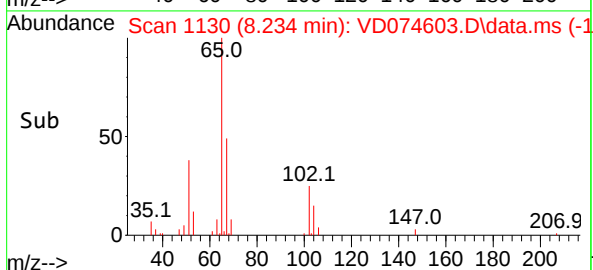
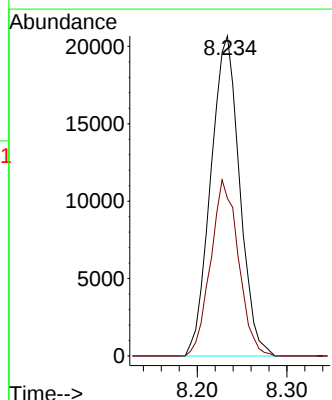
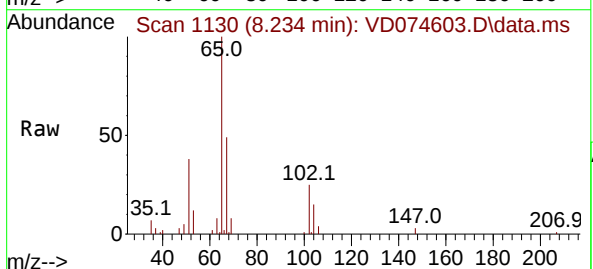
Instrument :
MSVOA_D
ClientSampleId :
SB-SOILPILE-1020

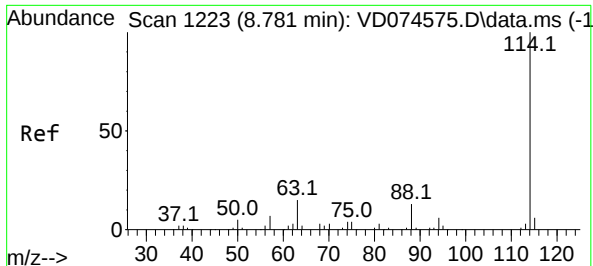
Tgt Ion:168 Resp: 109078
Ion Ratio Lower Upper
168 100
99 45.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 55.458 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Tgt Ion: 65 Resp: 46185
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074603.D

Acq: 20 Oct 2022 17:46

Instrument :

MSVOA_D

ClientSampleId :

SB-SOILPILE-1020

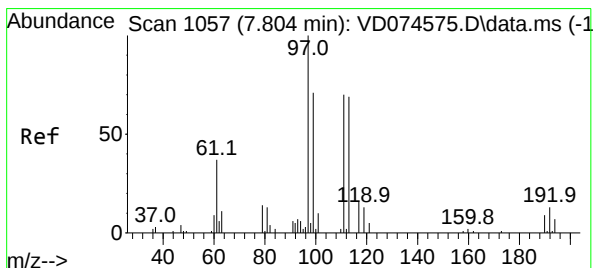
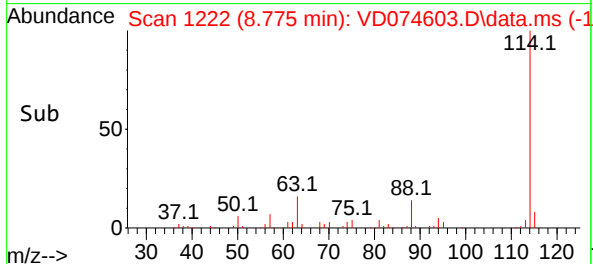
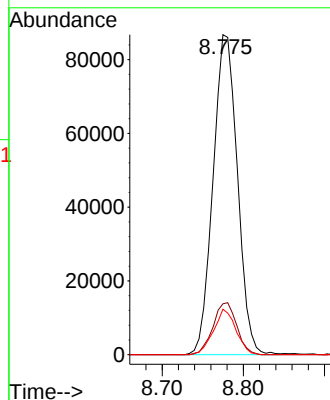
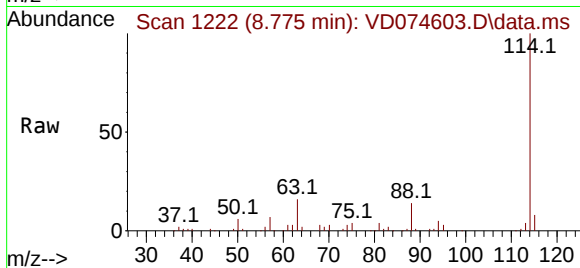
Tgt Ion:114 Resp: 181169

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 14.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.668 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074603.D

Acq: 20 Oct 2022 17:46

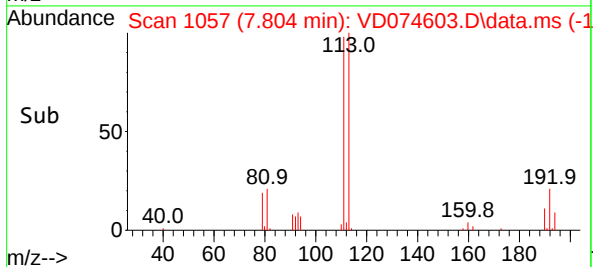
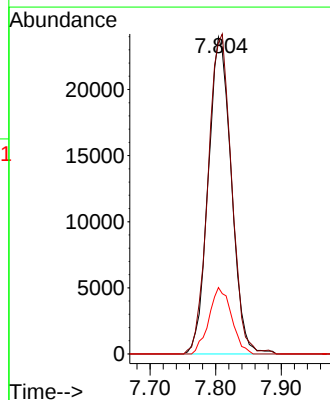
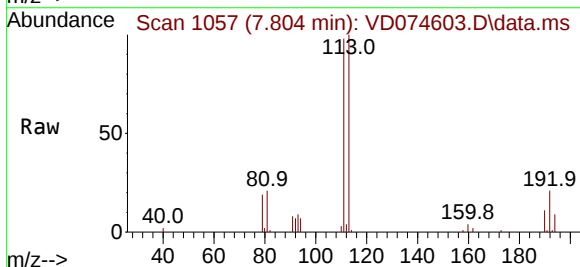
Tgt Ion:113 Resp: 58696

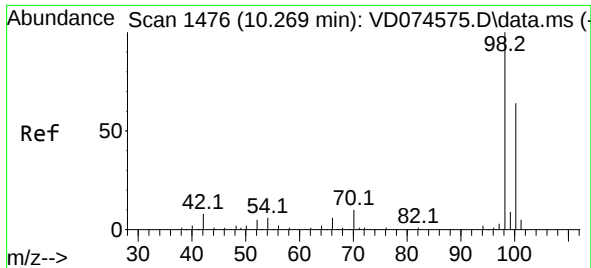
Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 20.5 16.4 24.6

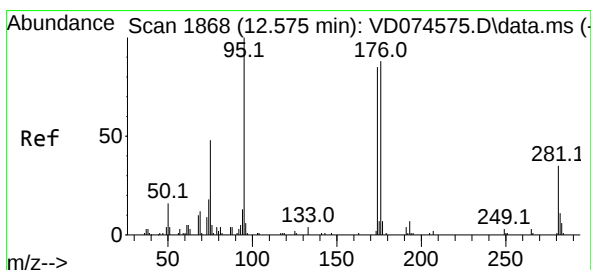
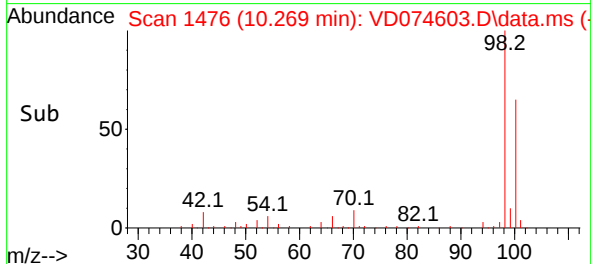
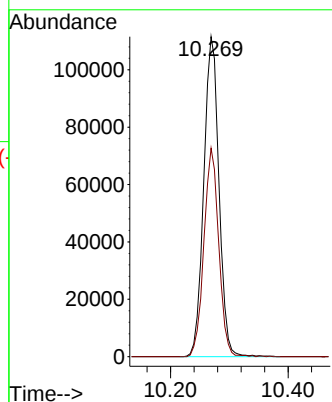
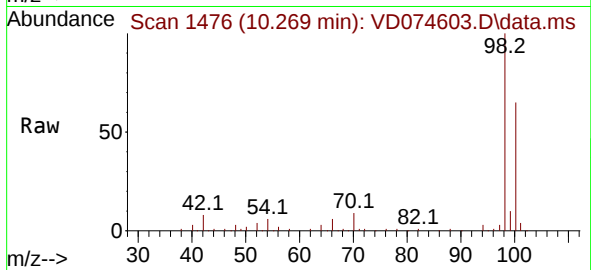




#50
Toluene-d8
Concen: 55.217 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

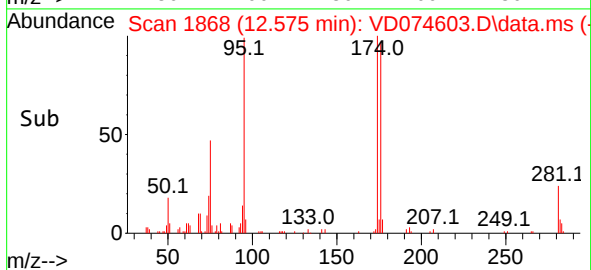
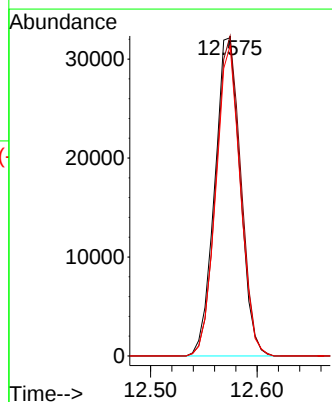
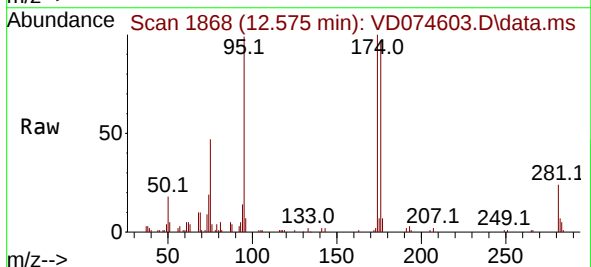
Instrument :
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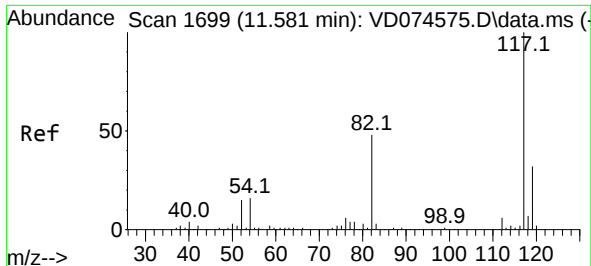
Tgt Ion: 98 Resp: 200226
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.001 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Tgt Ion: 95 Resp: 53163
Ion Ratio Lower Upper
95 100
174 98.7 0.0 197.0
176 93.8 0.0 182.6

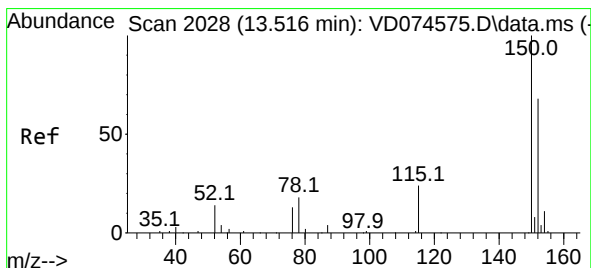
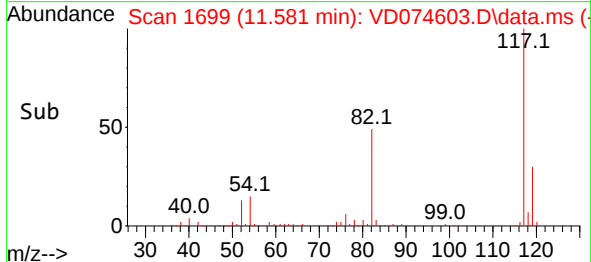
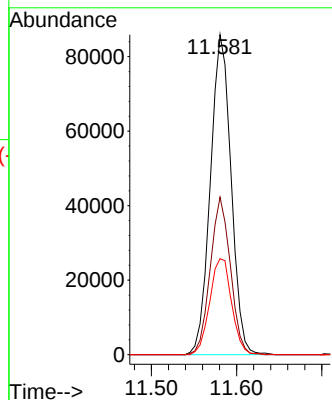
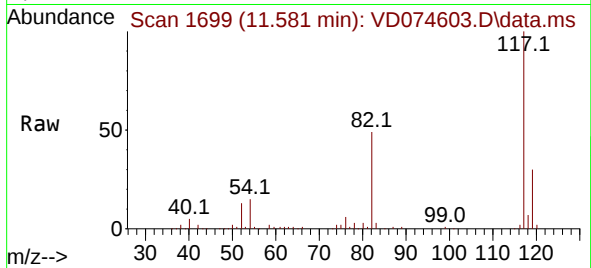




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Instrument :
MSVOA_D
ClientSampleId :
SB-SOILPILE-1020

Tgt Ion:117 Resp: 145089
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 30.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074603.D
Acq: 20 Oct 2022 17:46

Tgt Ion:152 Resp: 62935
Ion Ratio Lower Upper
152 100
115 53.6 26.8 80.4
150 154.9 0.0 348.2

