

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076894.D
 Acq On : 01 Aug 2023 18:05
 Operator : KP/SY
 Sample : 03854-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

Quant Time: Aug 02 01:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	162721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	312272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	289059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	75244	46.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.860%
35) Dibromofluoromethane	7.799	113	98083	49.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.263	98	384594	54.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.580%
62) 4-Bromofluorobenzene	12.575	95	102568	45.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.320%

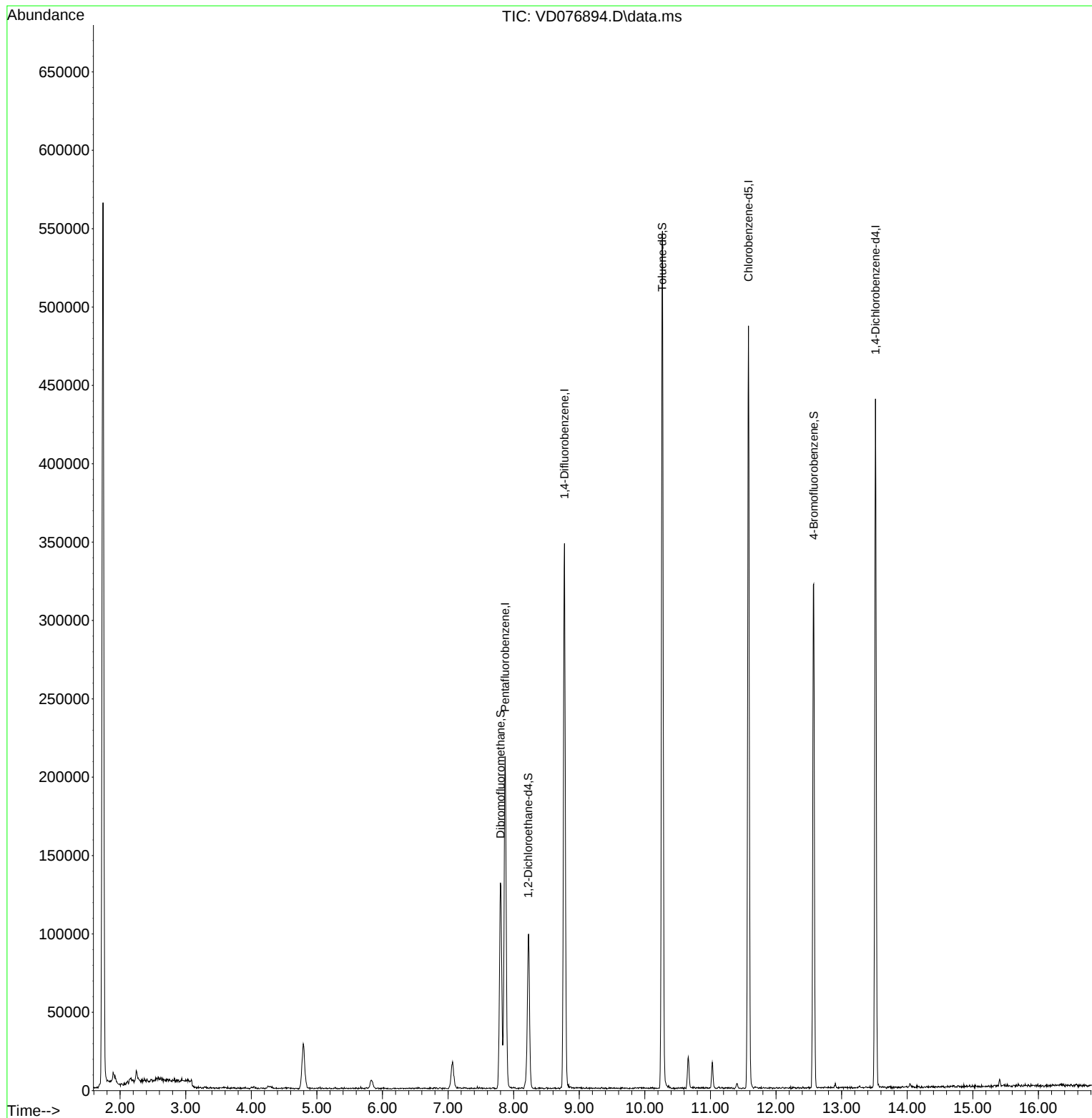
Target Compounds	Qvalue

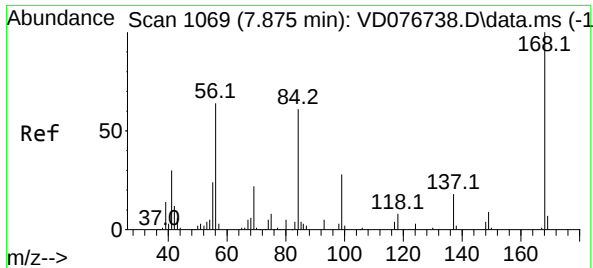
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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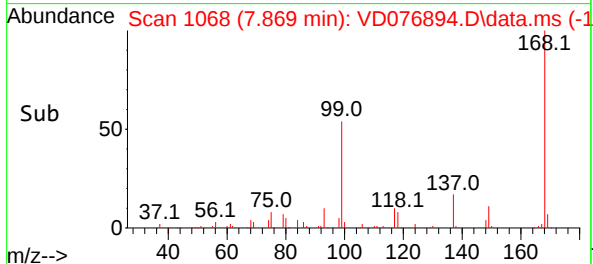
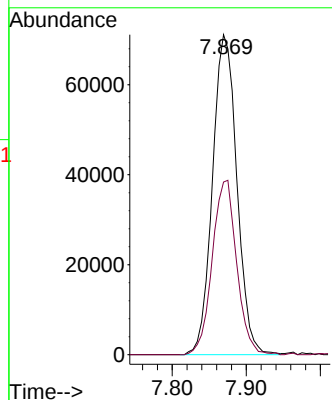
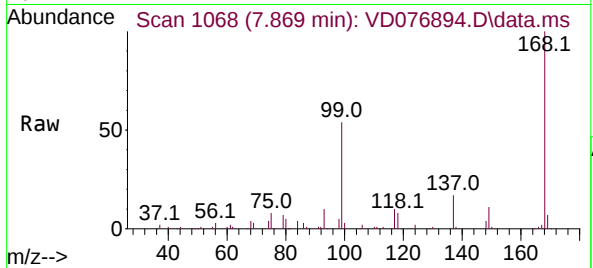




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

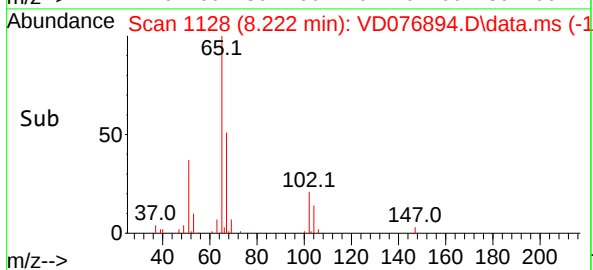
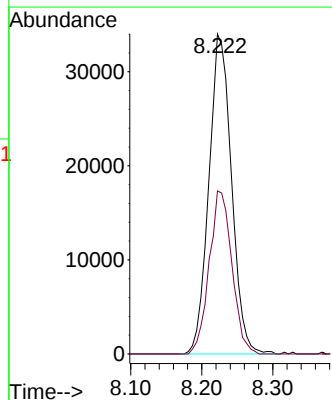
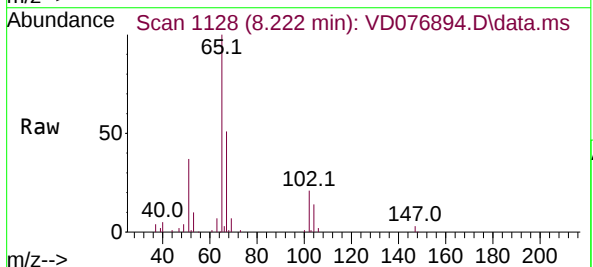
Instrument :
MSVOA_D
ClientSampleId :
BERGENFIELD-SOIL-COMP

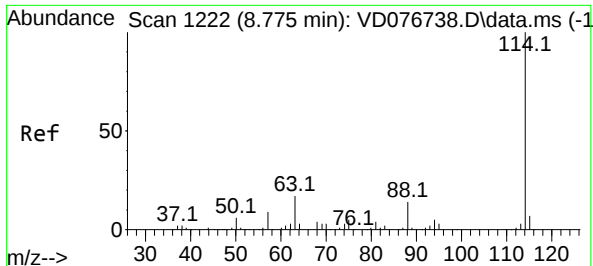
Tgt Ion:168 Resp: 162721
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 46.425 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

Tgt Ion: 65 Resp: 75244
Ion Ratio Lower Upper
65 100
67 51.1 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: VD076894.D

Acq: 01 Aug 2023 18:05

Instrument :

MSVOA_D

ClientSampleId :

BERGENFIELD-SOIL-COMP

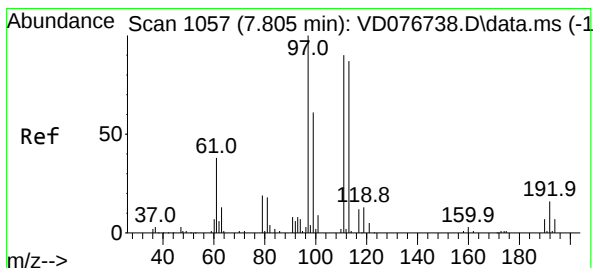
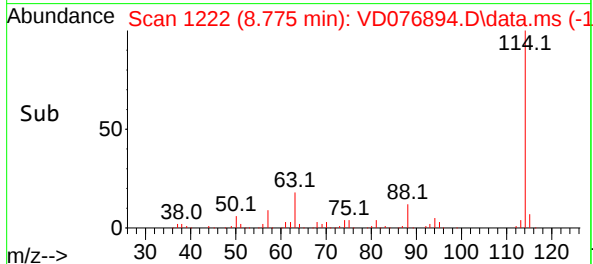
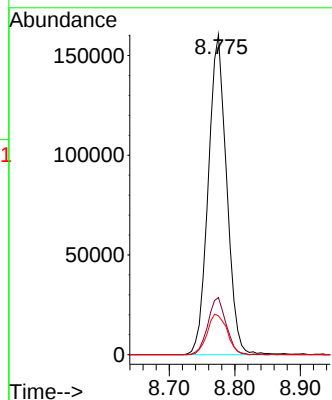
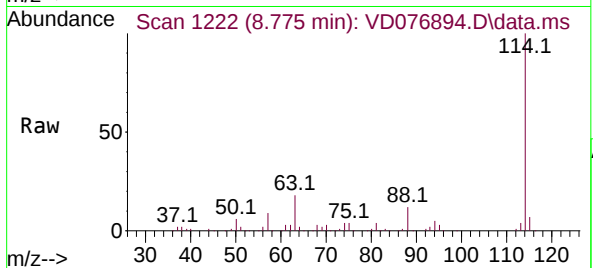
Tgt Ion:114 Resp: 312272

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 12.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.983 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076894.D

Acq: 01 Aug 2023 18:05

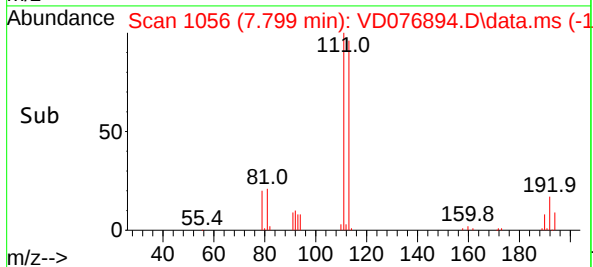
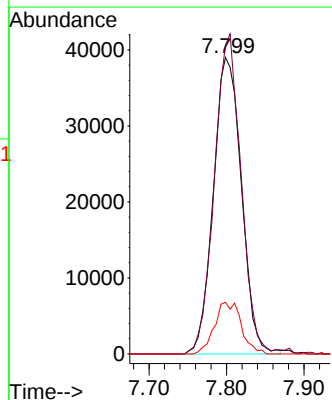
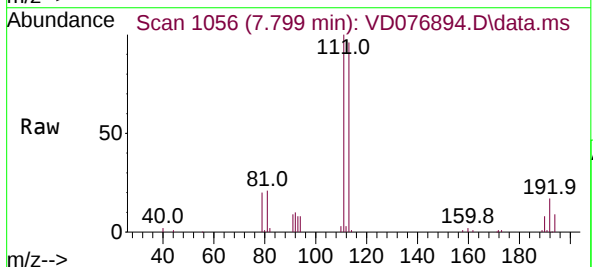
Tgt Ion:113 Resp: 98083

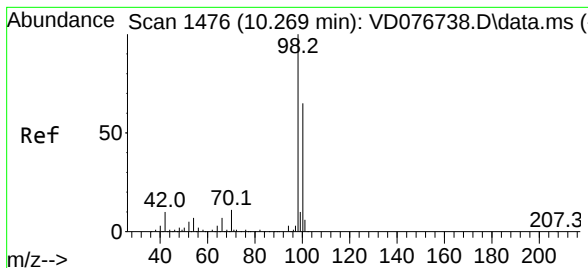
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 16.7 16.8 25.2#

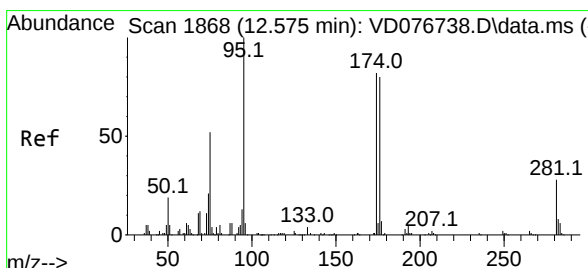
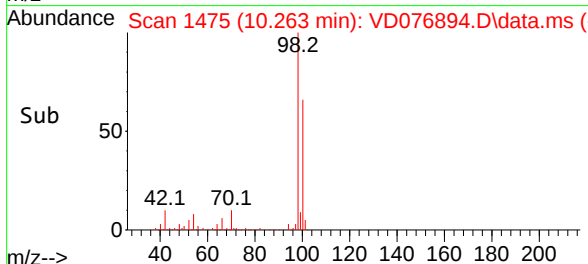
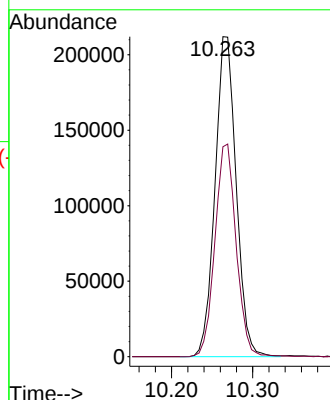
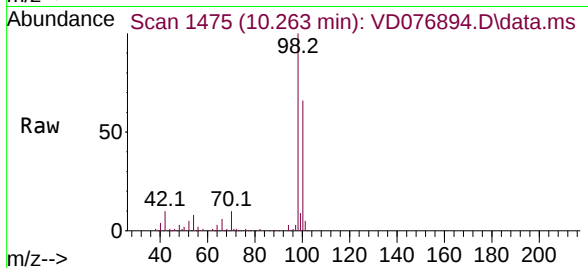




#50
Toluene-d8
Concen: 54.785 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

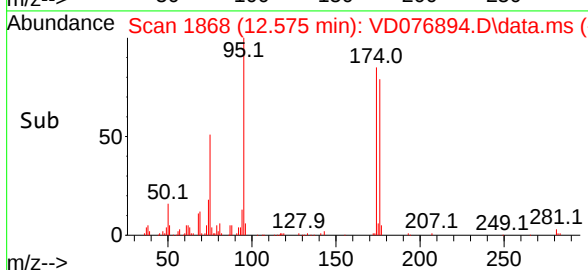
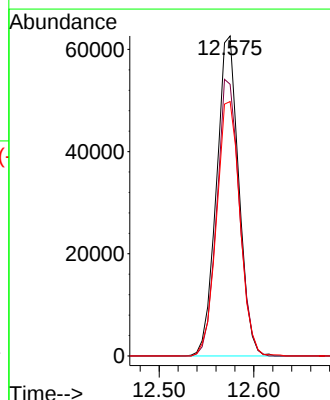
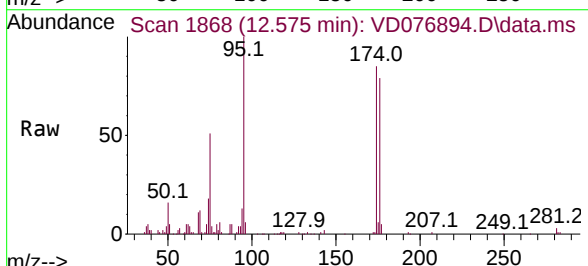
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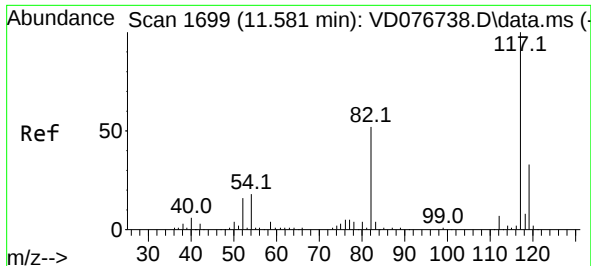
Tgt Ion: 98 Resp: 384594
Ion Ratio Lower Upper
98 100
100 66.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.165 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

Tgt Ion: 95 Resp: 102568
Ion Ratio Lower Upper
95 100
174 87.1 0.0 201.8
176 83.3 0.0 191.8

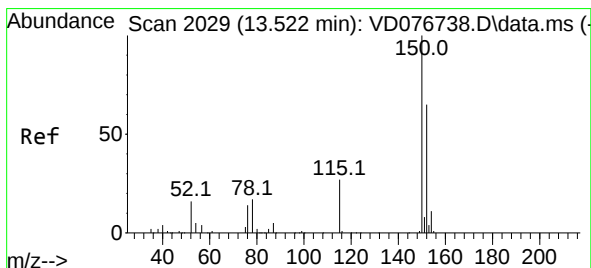
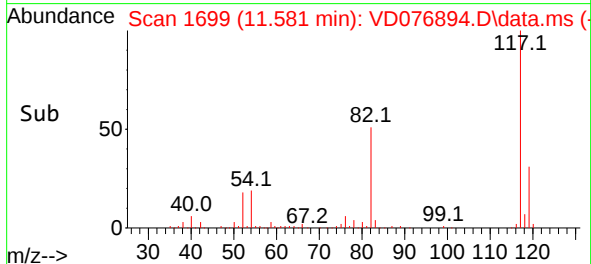
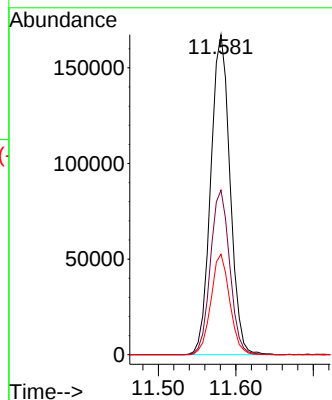
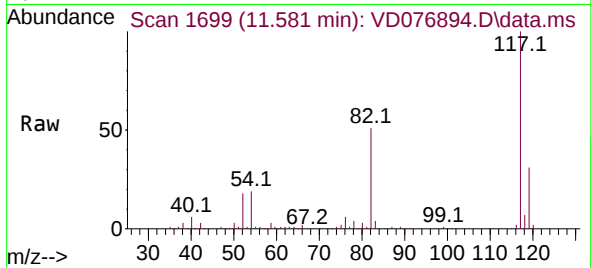




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

Instrument :
MSVOA_D
ClientSampleId :
BERGENFIELD-SOIL-COMP

Tgt Ion:117 Resp: 289059
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 31.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

Tgt Ion:152 Resp: 112423
Ion Ratio Lower Upper
152 100
115 59.6 27.1 81.3
150 161.1 0.0 353.6

