

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074258.D
 Acq On : 12 Sep 2022 16:45
 Operator : VA/SY
 Sample : N4545-01
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-SOIL-0908

Quant Time: Sep 13 04:43:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

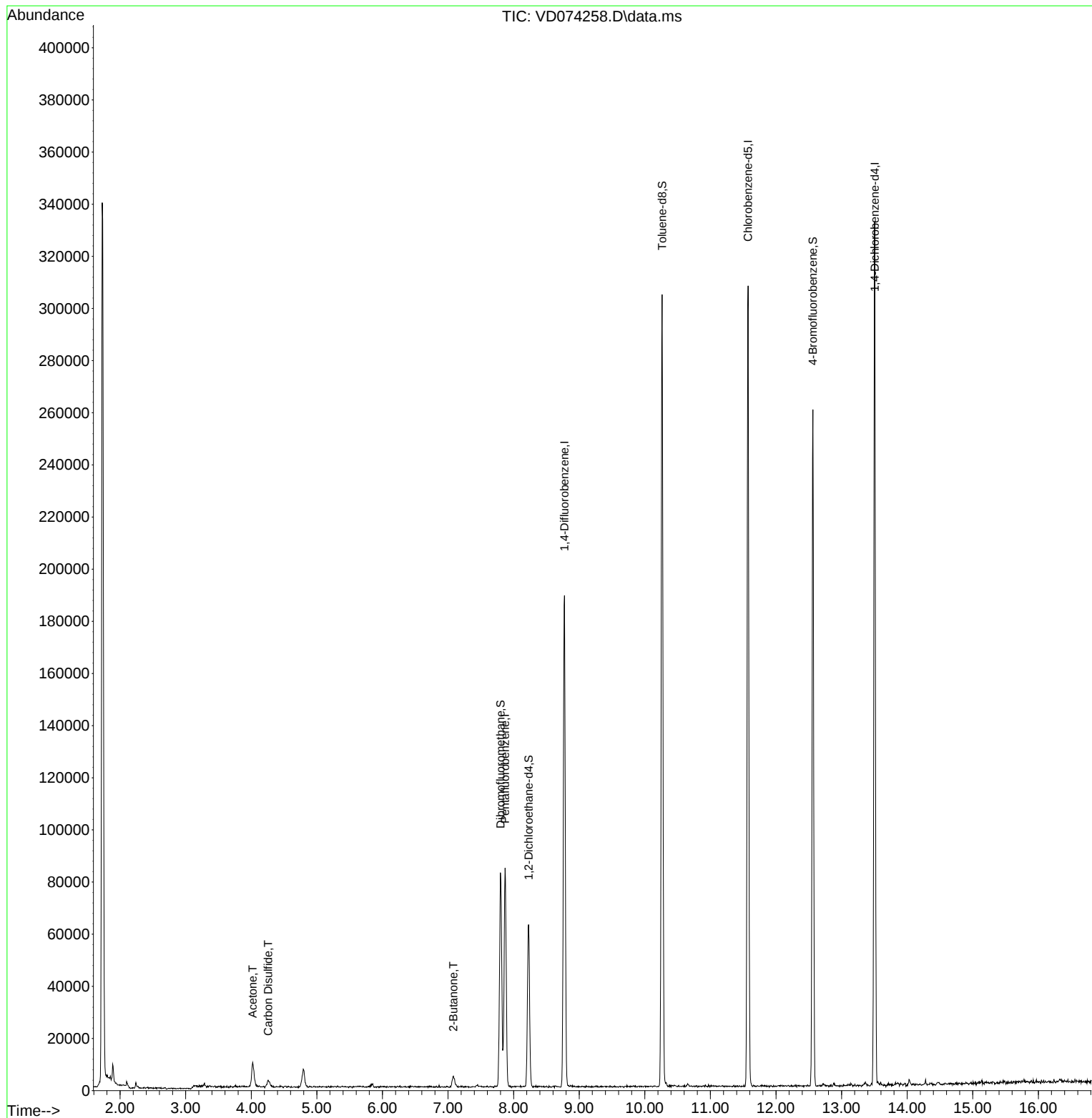
Internal Standards						
1) Pentafluorobenzene	7.869	168	66924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	171295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	181973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	89127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49992	73.270	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.540%	
35) Dibromofluoromethane	7.799	113	59927	52.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.880%	
50) Toluene-d8	10.263	98	214709	51.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.563	95	81372	56.370	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.740%	
Target Compounds						
						Qvalue
16) Acetone	4.022	43	15895	112.863	ug/l	94
17) Carbon Disulfide	4.258	76	5718	2.692	ug/l	96
25) 2-Butanone	7.081	43	6854	29.180	ug/l	90

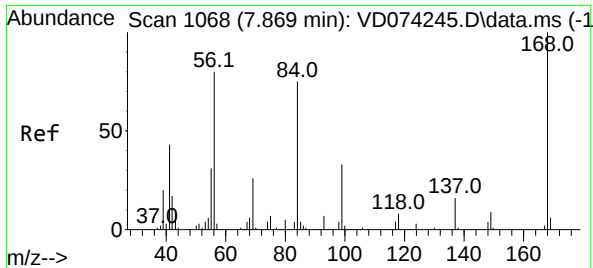
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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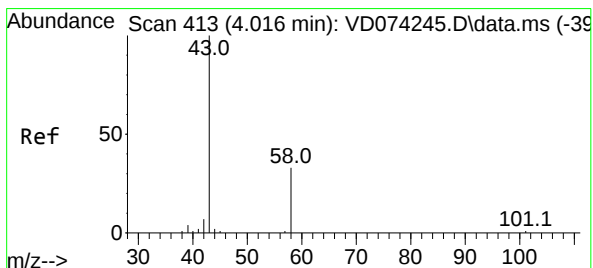
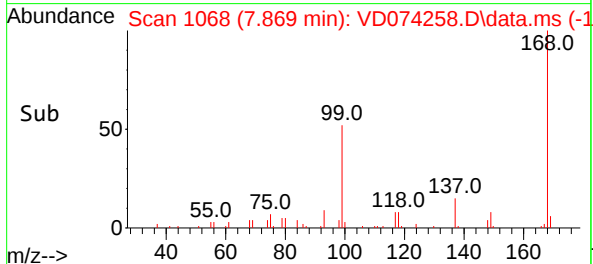
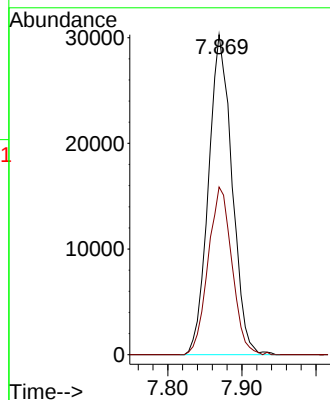
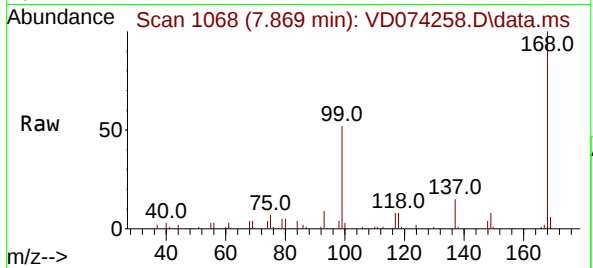




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

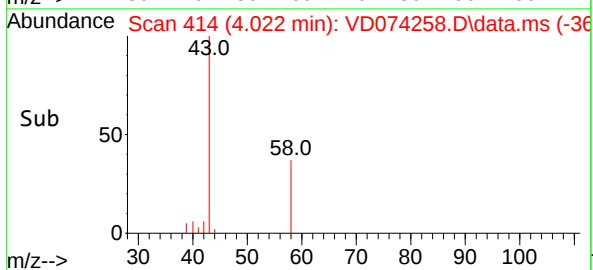
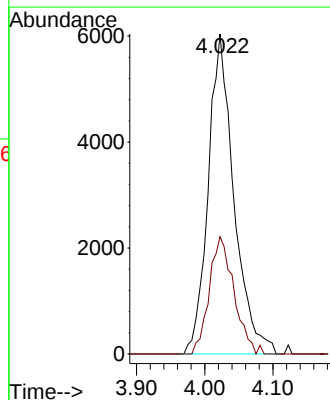
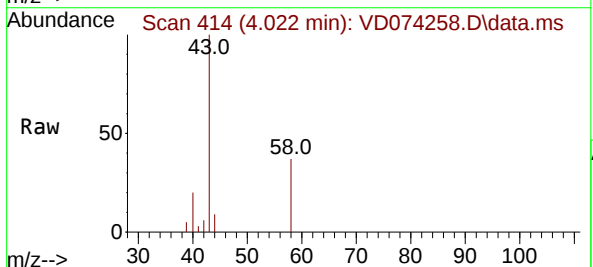
Instrument :
MSVOA_D
ClientSampleId :
HR-SOIL-0908

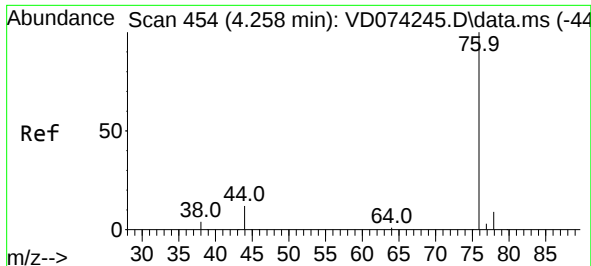
Tgt Ion:168 Resp: 66924
Ion Ratio Lower Upper
168 100
99 52.4 43.0 64.6



#16
Acetone
Concen: 112.863 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

Tgt Ion: 43 Resp: 15895
Ion Ratio Lower Upper
43 100
58 36.7 26.4 39.6

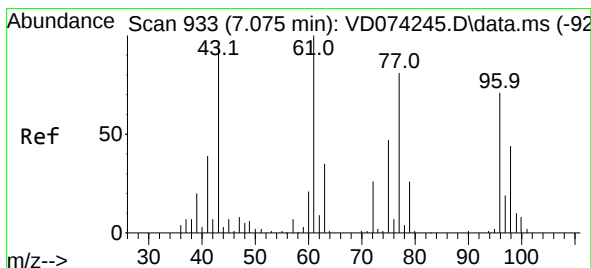
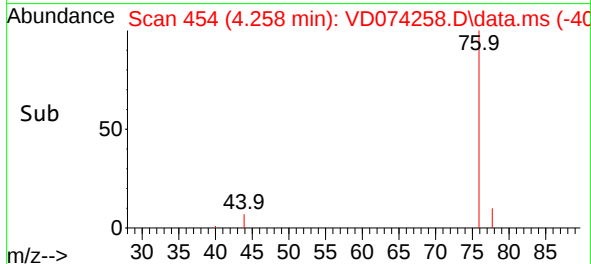
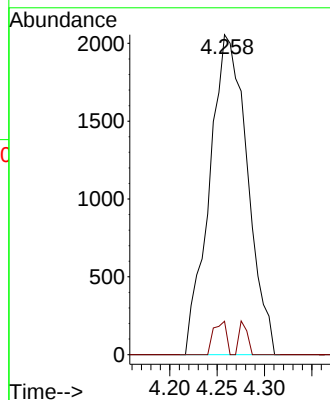
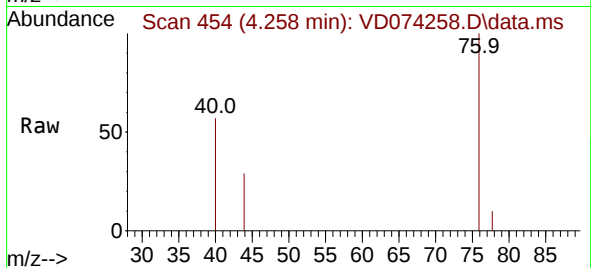




#17
Carbon Disulfide
Concen: 2.692 ug/l
RT: 4.258 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

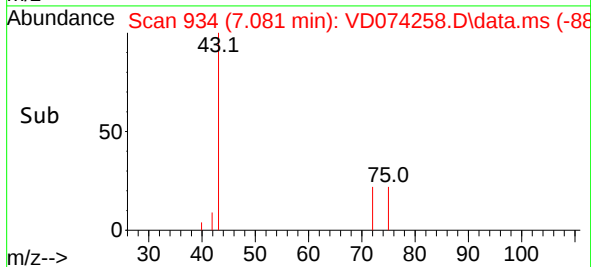
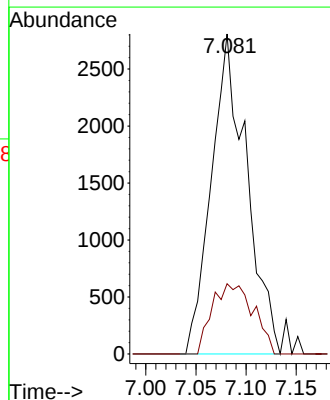
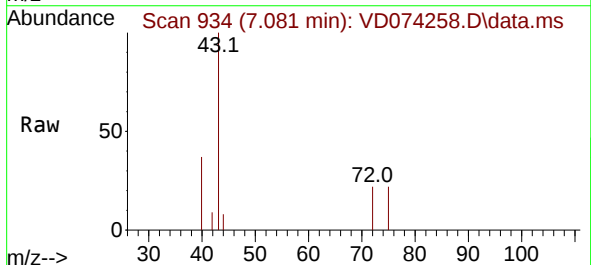
Instrument :
MSVOA_D
ClientSampleId :
HR-SOIL-0908

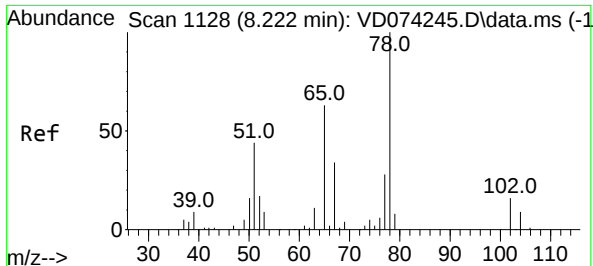
Tgt Ion: 76 Resp: 5718
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8



#25
2-Butanone
Concen: 29.180 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

Tgt Ion: 43 Resp: 6854
Ion Ratio Lower Upper
43 100
72 22.0 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 73.270 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

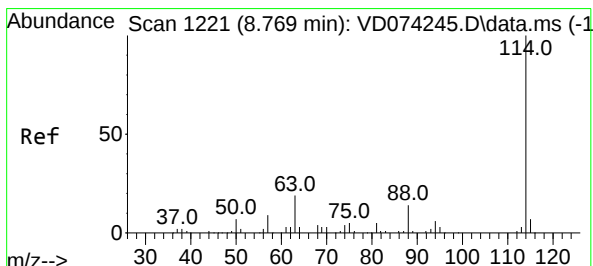
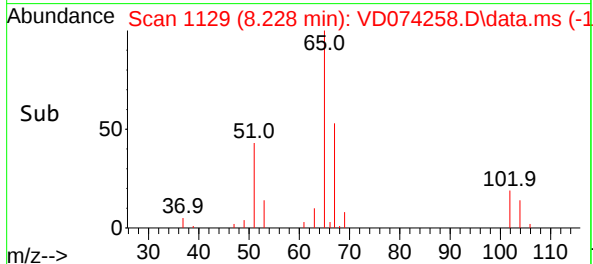
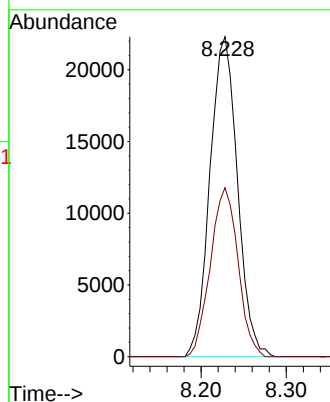
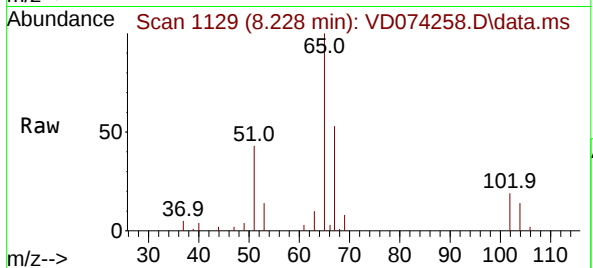
HR-SOIL-0908

Tgt Ion: 65 Resp: 49992

Ion Ratio Lower Upper

65 100

67 53.1 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

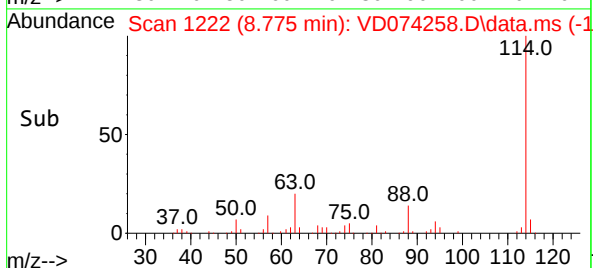
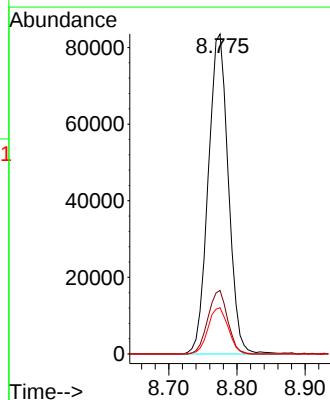
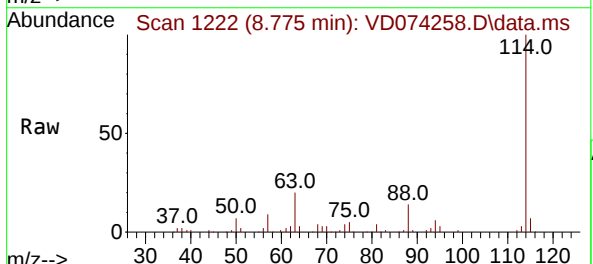
Tgt Ion: 114 Resp: 171295

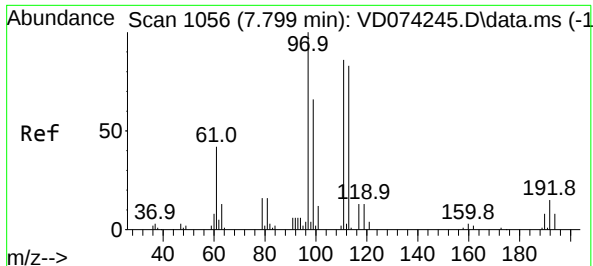
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 14.4 0.0 28.4





#35

Dibromofluoromethane

Concen: 52.438 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

HR-SOIL-0908

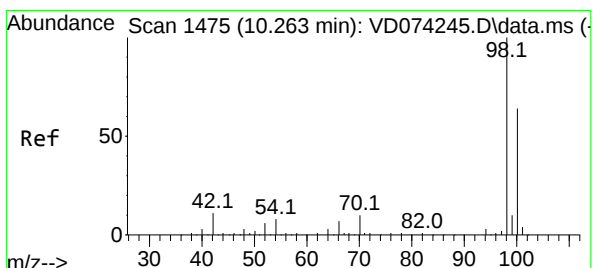
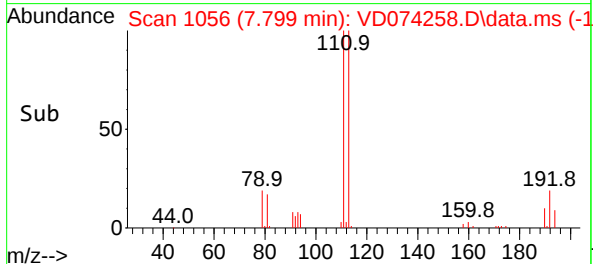
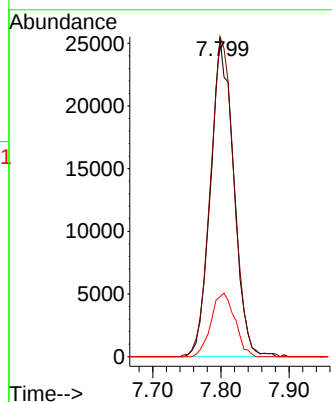
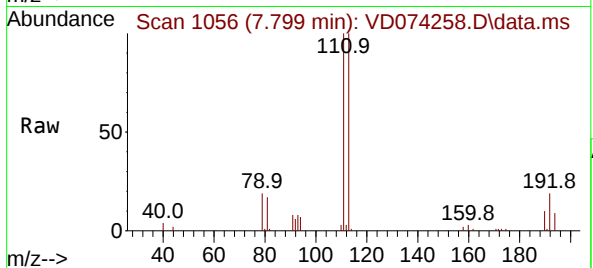
Tgt Ion:113 Resp: 59927

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

192 20.6 16.2 24.2



#50

Toluene-d8

Concen: 51.134 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VD074258.D

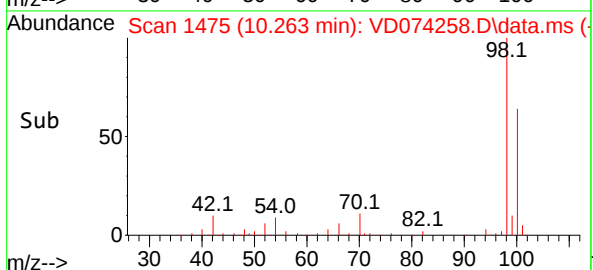
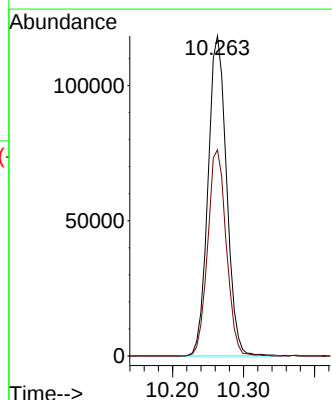
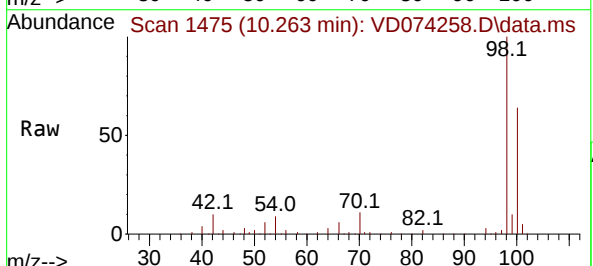
Acq: 12 Sep 2022 16:45

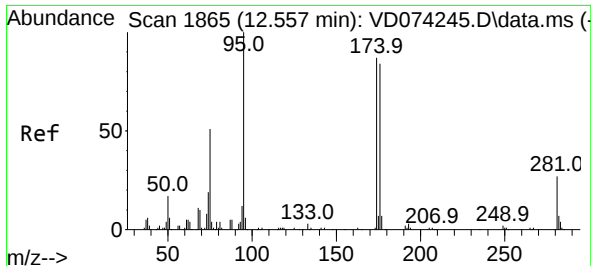
Tgt Ion: 98 Resp: 214709

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8

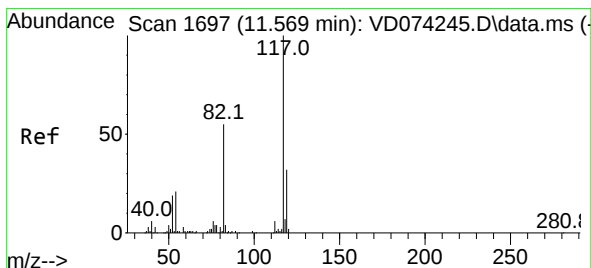
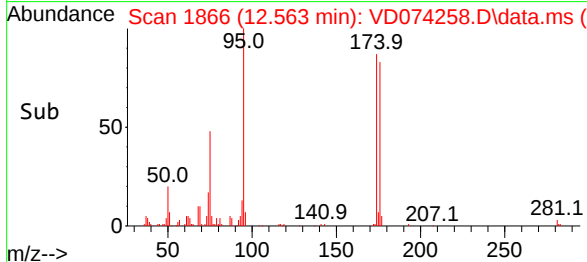
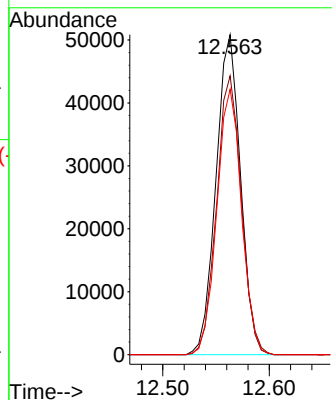
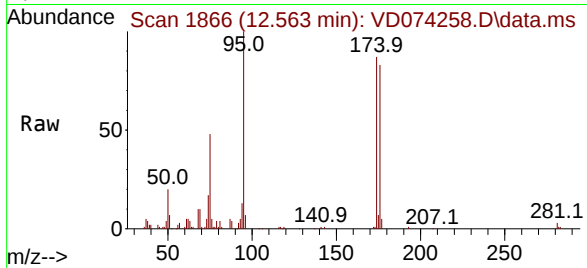




#62
4-Bromofluorobenzene
Concen: 56.370 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

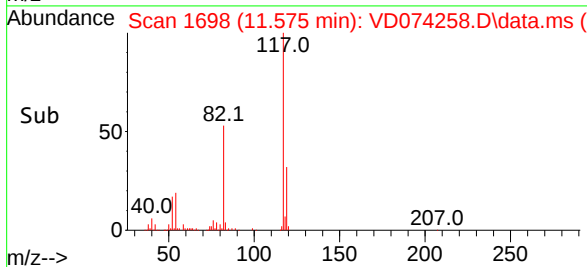
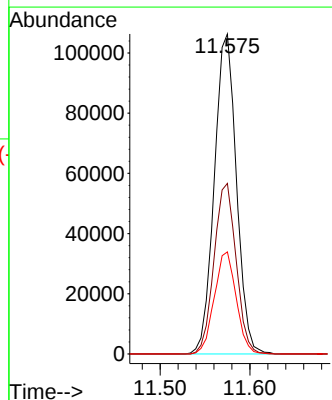
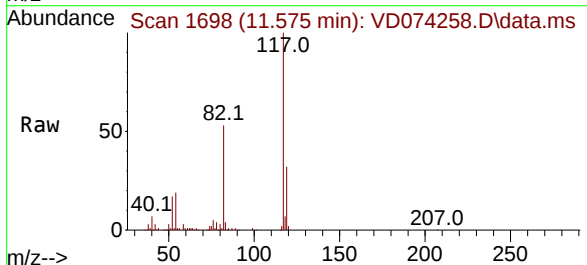
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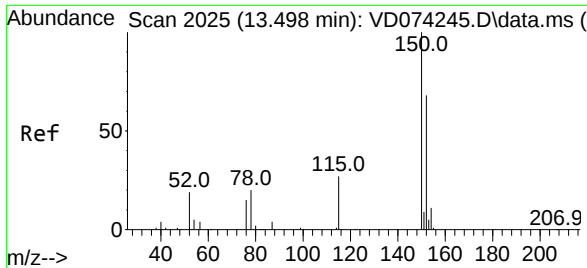
Tgt Ion: 95 Resp: 81372
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.2
176 83.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

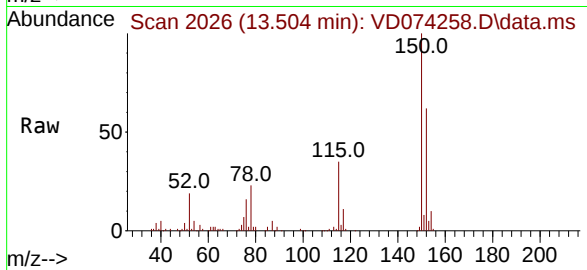
Tgt Ion: 117 Resp: 181973
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.504 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074258.D
 Acq: 12 Sep 2022 16:45

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-SOIL-0908



Tgt Ion:152 Resp: 89127
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.4 85.2
 150 157.5 0.0 351.0

