

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076470.D
 Acq On : 19 Jun 2023 15:11
 Operator : KP/SY
 Sample : 03262-07
 Misc : 5.67G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WS-SOIL3-0615

Quant Time: Jun 20 05:25:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	292738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104524	52.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.640%
35) Dibromofluoromethane	7.799	113	106922	52.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.940%
50) Toluene-d8	10.269	98	406706	53.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.260%
62) 4-Bromofluorobenzene	12.569	95	115791	46.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.220%

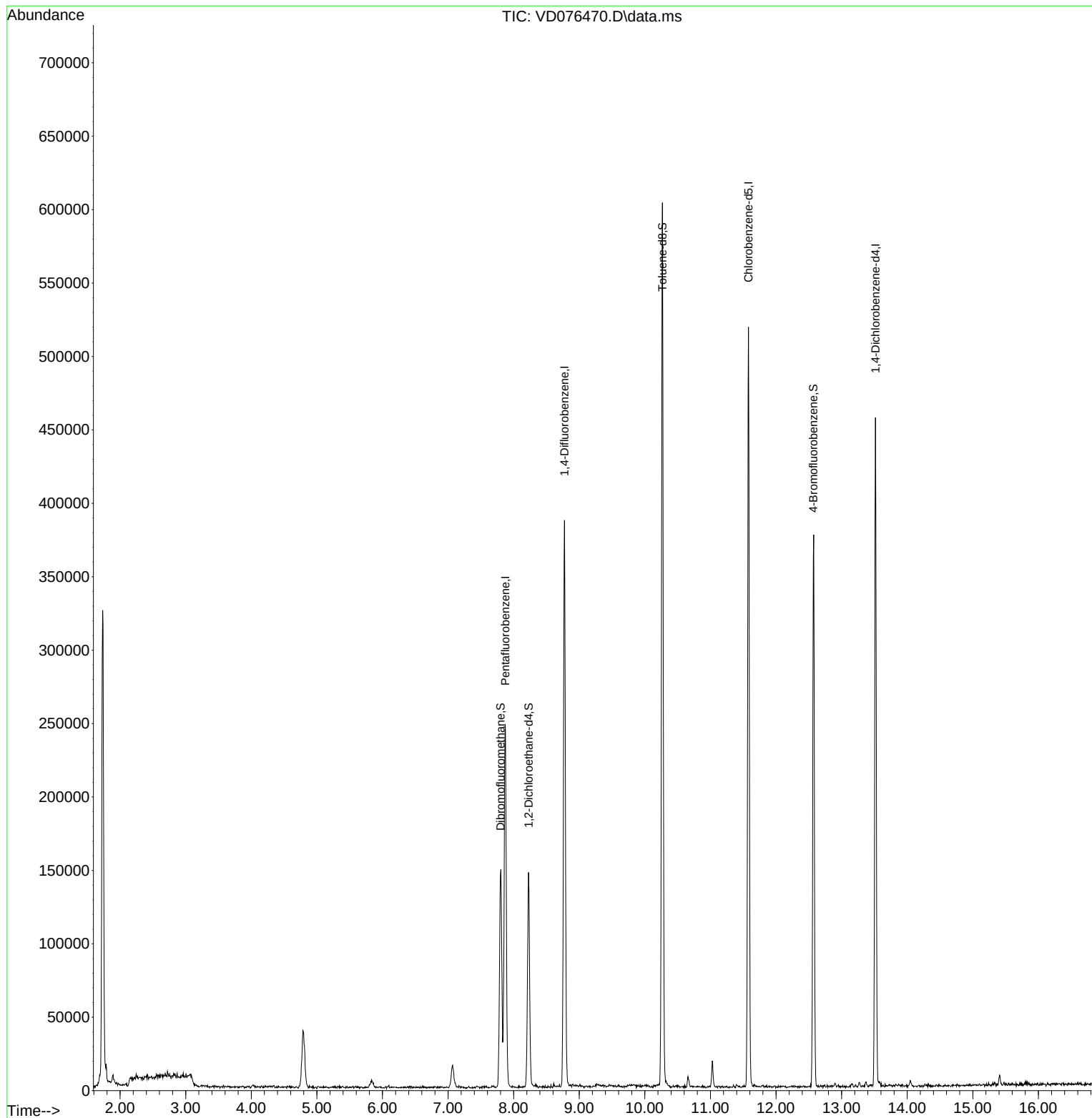
Target Compounds	Qvalue

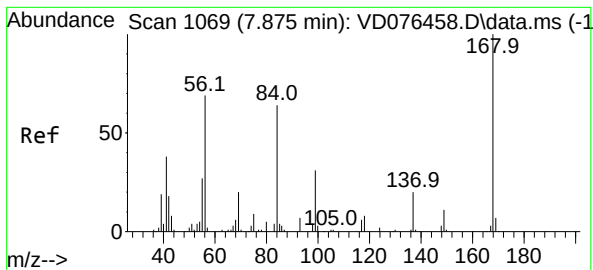
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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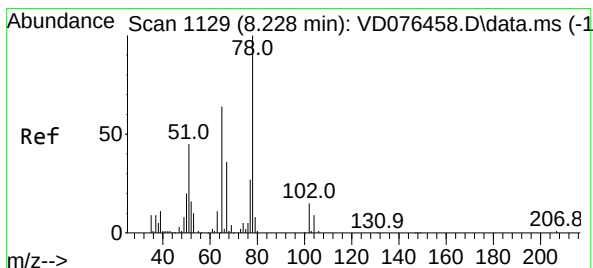
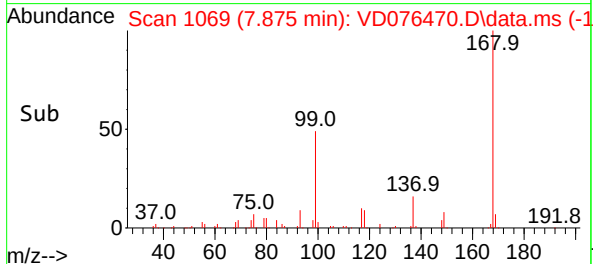
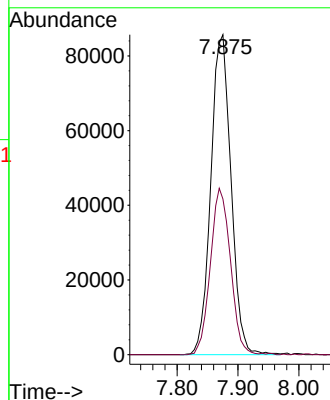
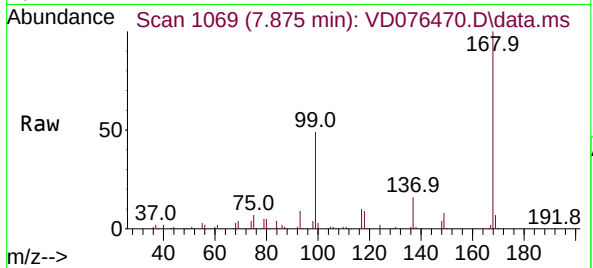




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

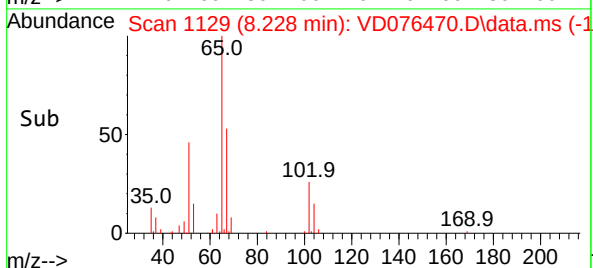
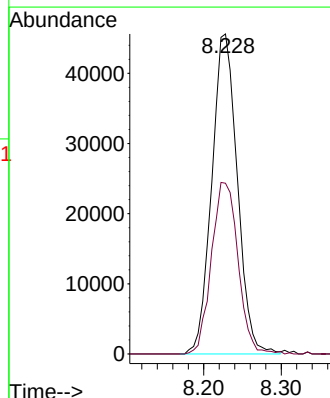
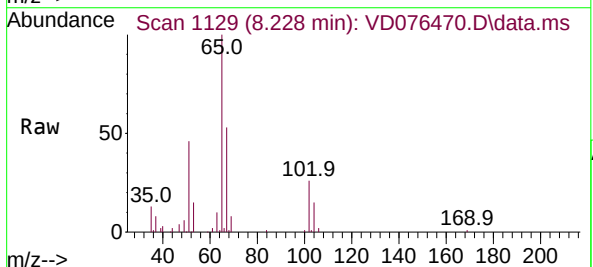
Instrument :
MSVOA_D
ClientSampleId :
WS-SOIL3-0615

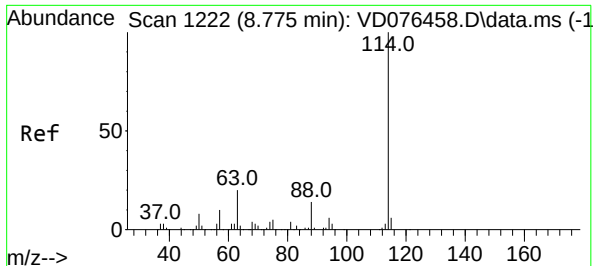
Tgt Ion:168 Resp: 197505
Ion Ratio Lower Upper
168 100
99 48.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 52.821 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Tgt Ion: 65 Resp: 104524
Ion Ratio Lower Upper
65 100
67 55.8 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: VD076470.D

Acq: 19 Jun 2023 15:11

Instrument :

MSVOA_D

ClientSampleId :

WS-SOIL3-0615

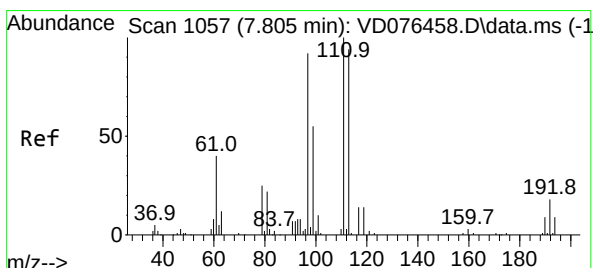
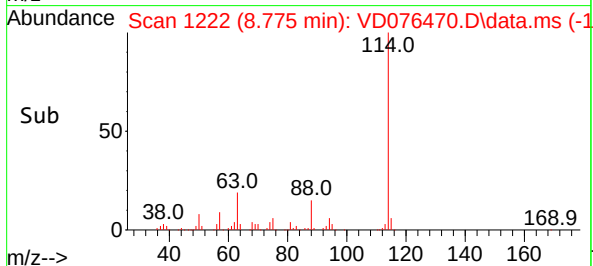
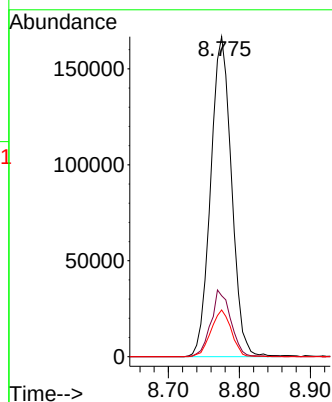
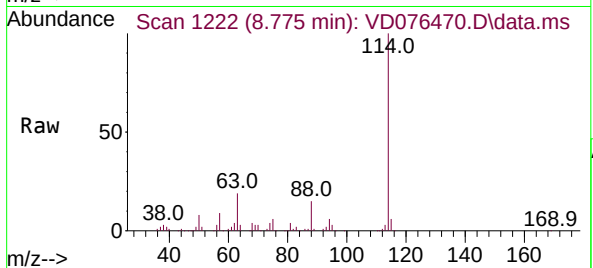
Tgt Ion:114 Resp: 339763

Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.973 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076470.D

Acq: 19 Jun 2023 15:11

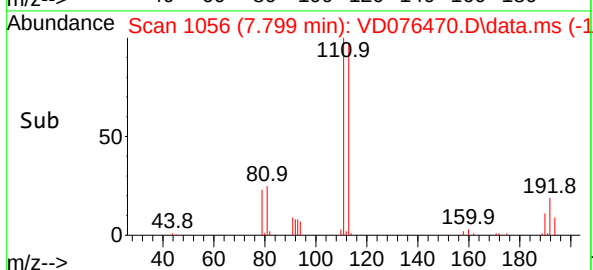
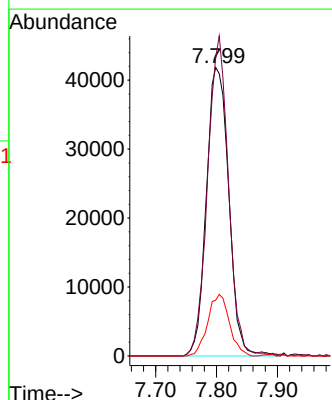
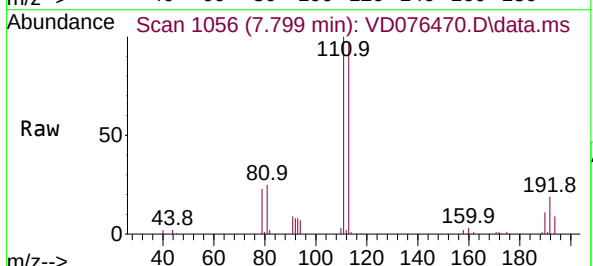
Tgt Ion:113 Resp: 106922

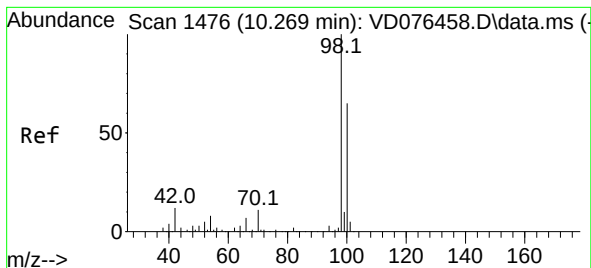
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 20.7 16.8 25.2

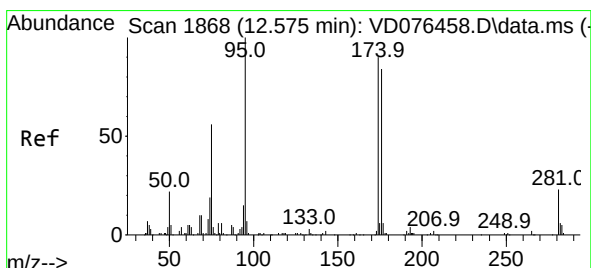
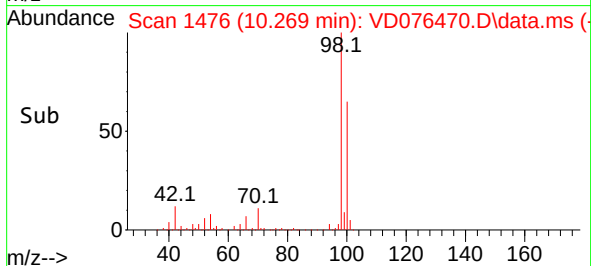
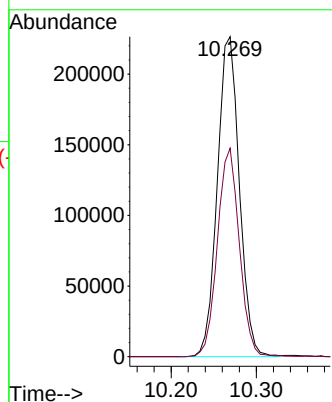
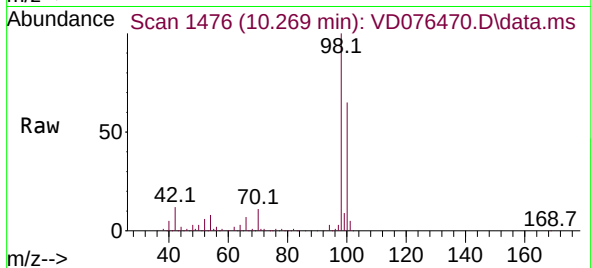




#50
Toluene-d8
Concen: 53.131 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

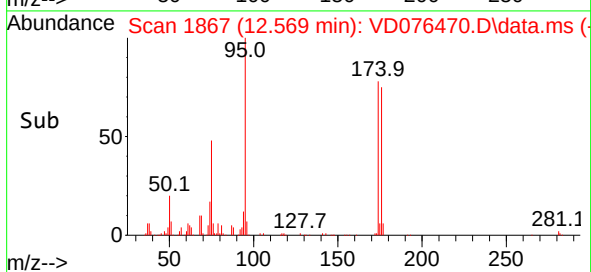
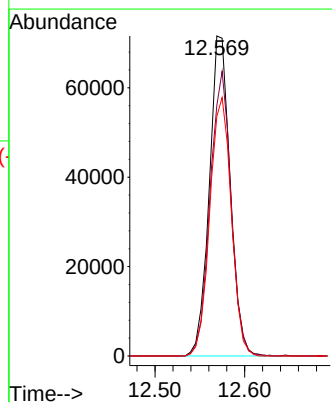
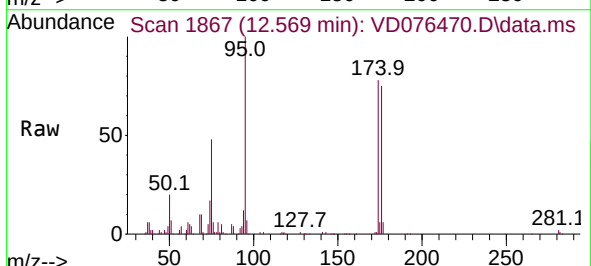
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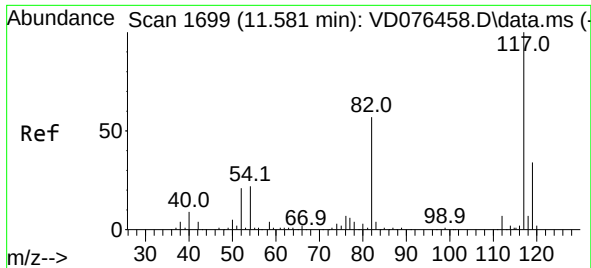
Tgt Ion: 98 Resp: 406706
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.609 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Tgt Ion: 95 Resp: 115791
Ion Ratio Lower Upper
95 100
174 88.8 0.0 201.8
176 82.9 0.0 191.8

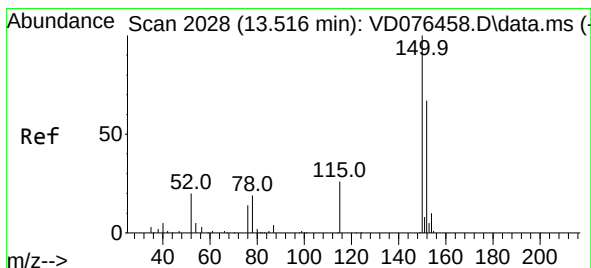
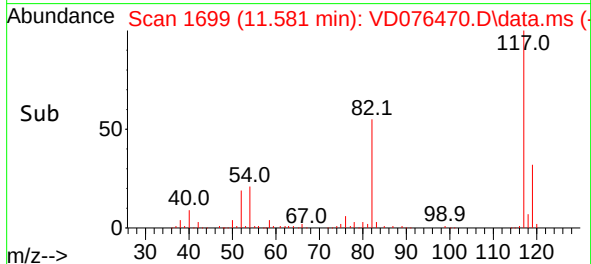
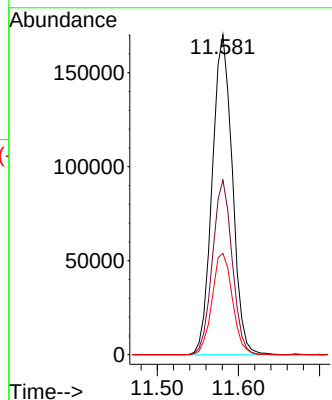
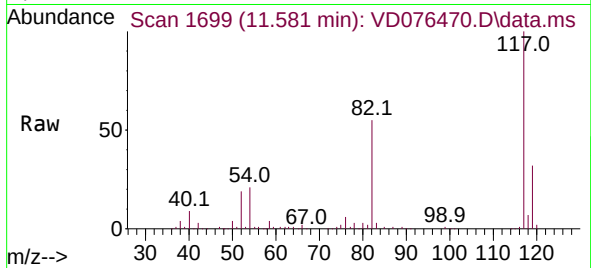




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Instrument :
MSVOA_D
ClientSampleId :
WS-SOIL3-0615

Tgt Ion:117 Resp: 292738
Ion Ratio Lower Upper
117 100
82 54.5 38.3 57.5
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076470.D
Acq: 19 Jun 2023 15:11

Tgt Ion:152 Resp: 120266
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.3
150 154.3 0.0 353.6

