

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076212.D
 Acq On : 24 May 2023 14:11
 Operator : KP/SY
 Sample : 02864-07
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-BIN

Quant Time: May 24 16:26:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	176242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	303060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	98522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7763	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82718	48.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.120%
35) Dibromofluoromethane	7.804	113	118788	56.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.420%
50) Toluene-d8	10.269	98	184561	22.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	45.200%#
62) 4-Bromofluorobenzene	12.575	95	12822	5.652	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.300%#

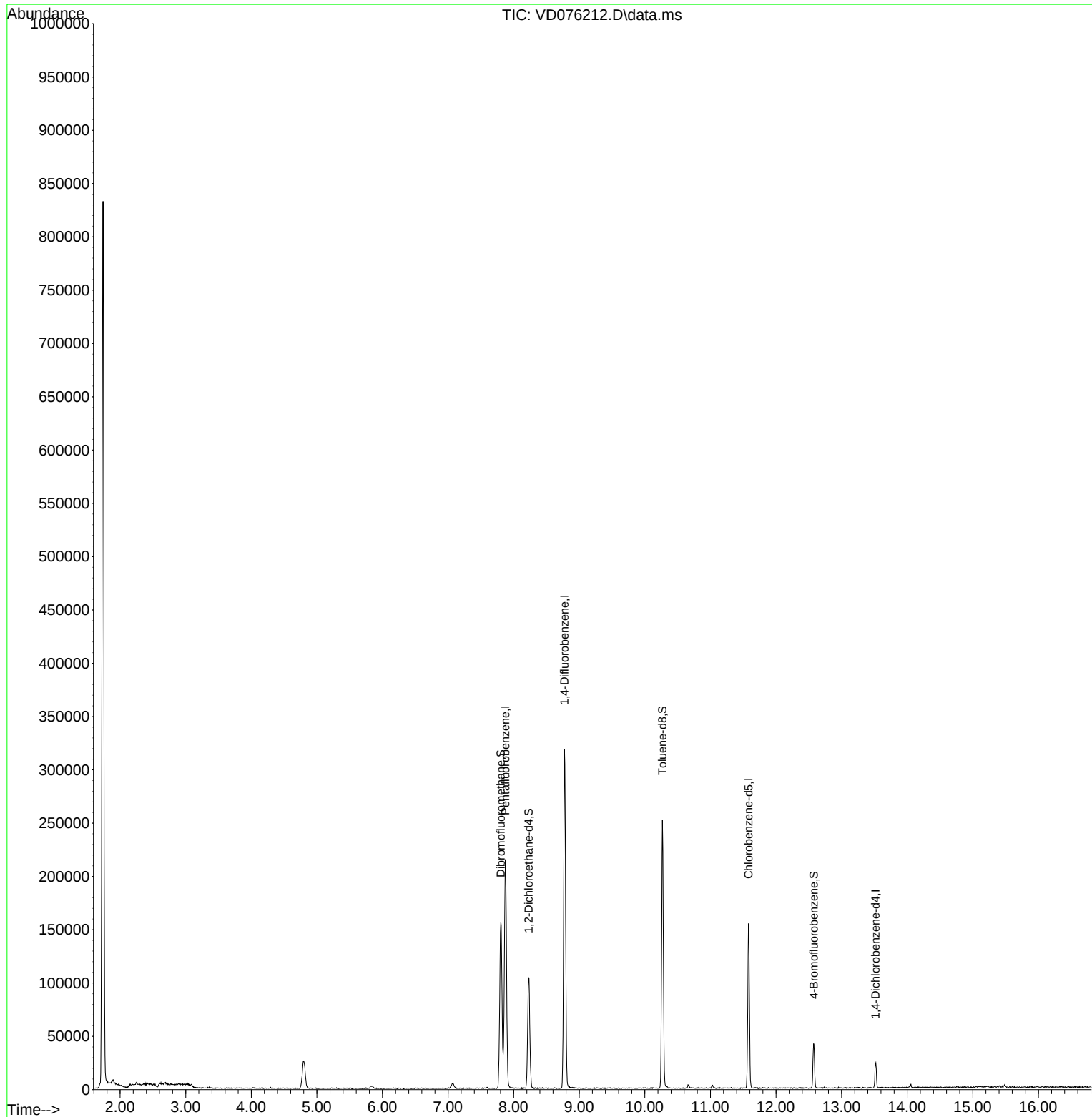
Target Compounds	Qvalue

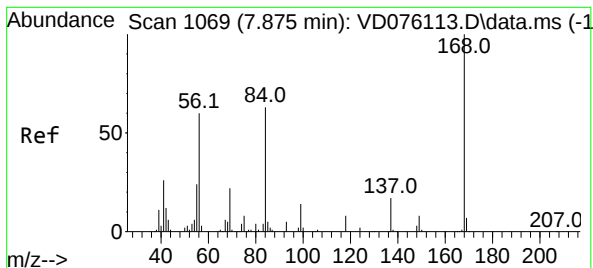
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076212.D

Acq: 24 May 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

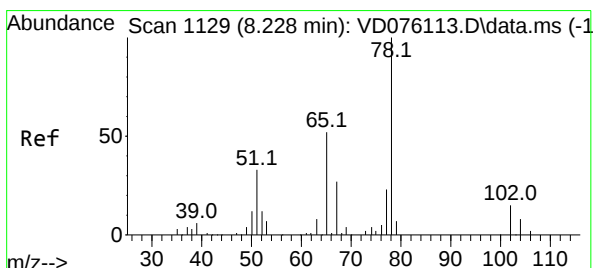
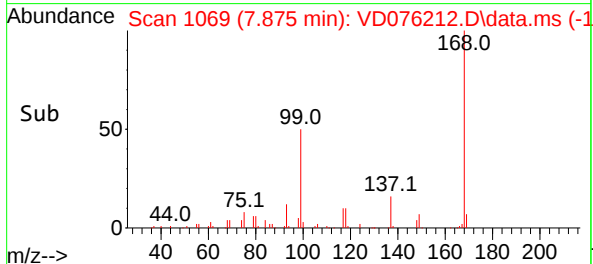
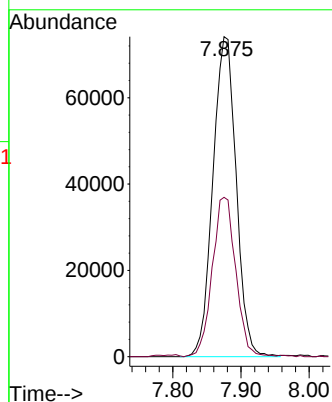
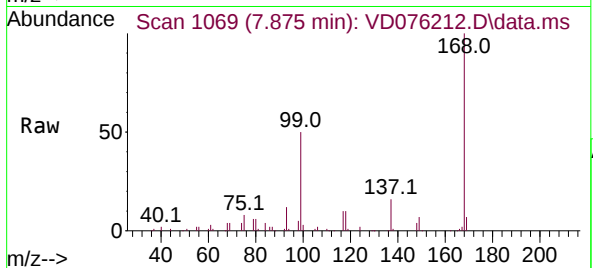
SOIL-BIN

Tgt Ion:168 Resp: 176242

Ion Ratio Lower Upper

168 100

99 49.6 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 48.562 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076212.D

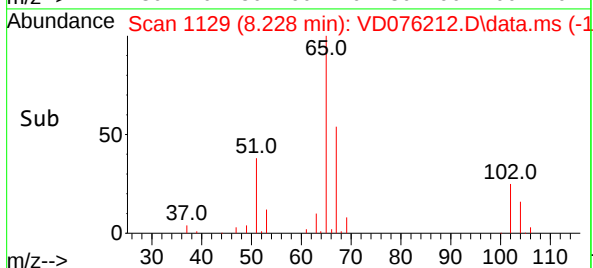
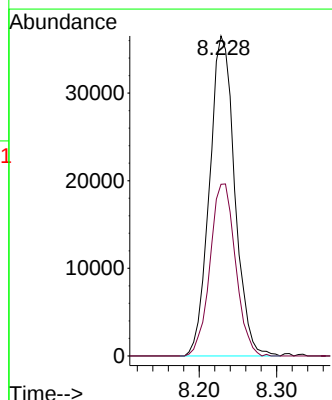
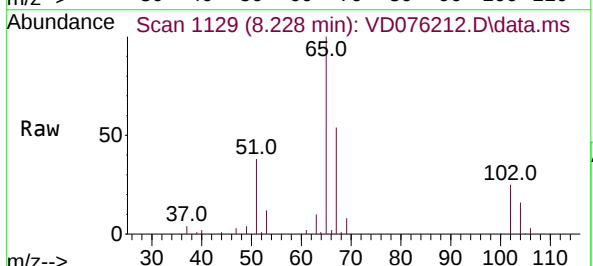
Acq: 24 May 2023 14:11

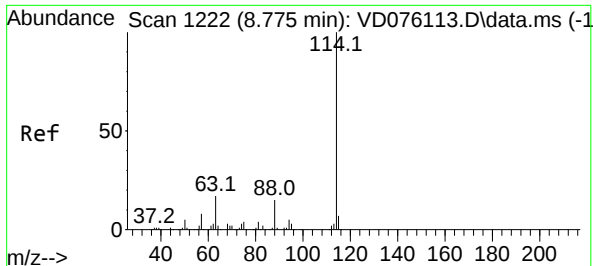
Tgt Ion: 65 Resp: 82718

Ion Ratio Lower Upper

65 100

67 54.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076212.D

Acq: 24 May 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

SOIL-BIN

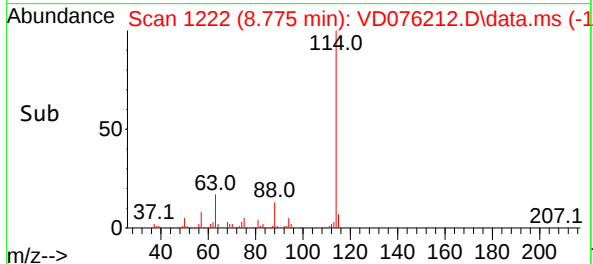
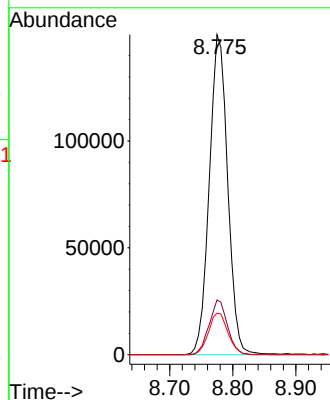
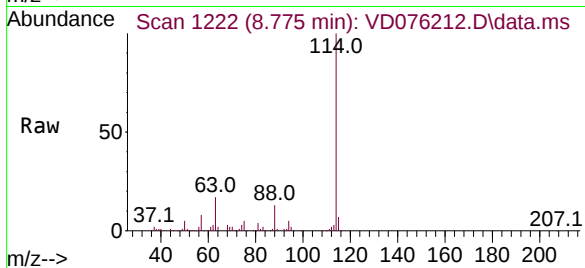
Tgt Ion:114 Resp: 303060

Ion Ratio Lower Upper

114 100

63 17.1 0.0 41.6

88 12.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.706 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076212.D

Acq: 24 May 2023 14:11

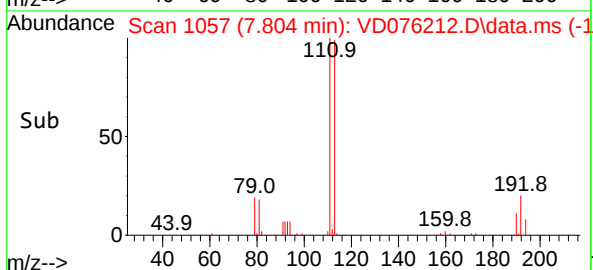
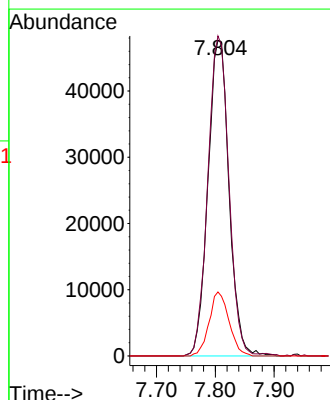
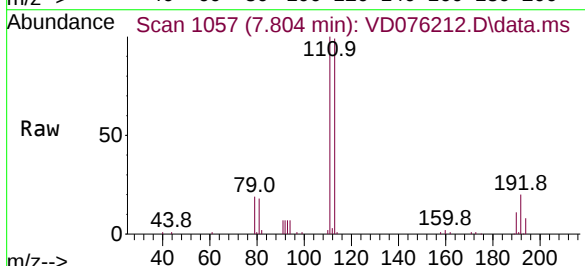
Tgt Ion:113 Resp: 118788

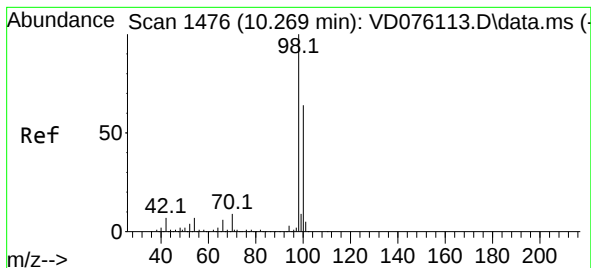
Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 19.1 15.2 22.8

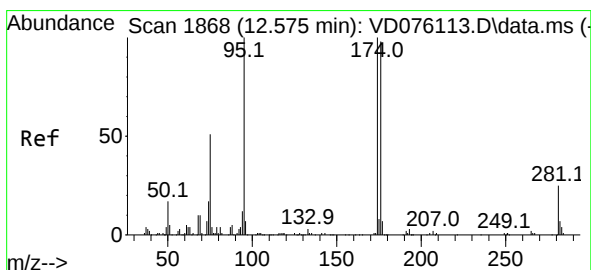
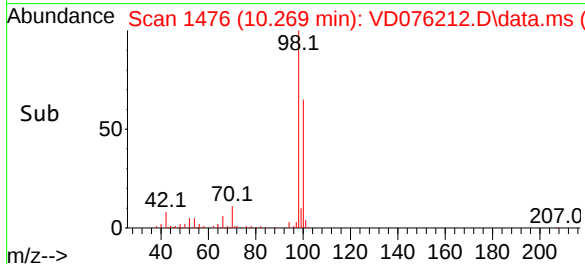
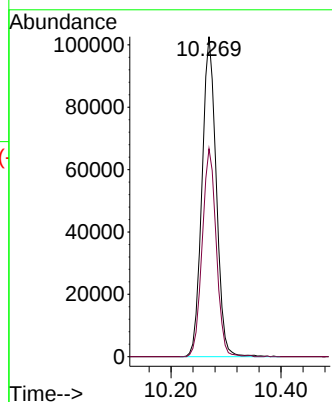
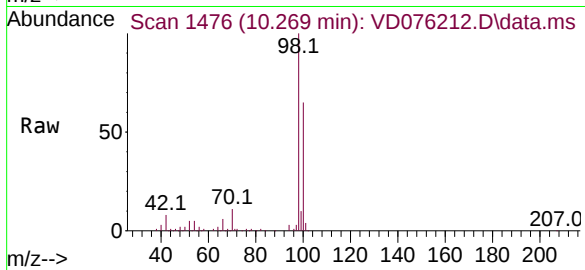




#50
Toluene-d8
Concen: 22.601 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076212.D
Acq: 24 May 2023 14:11

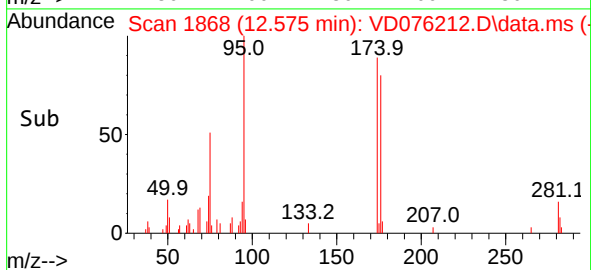
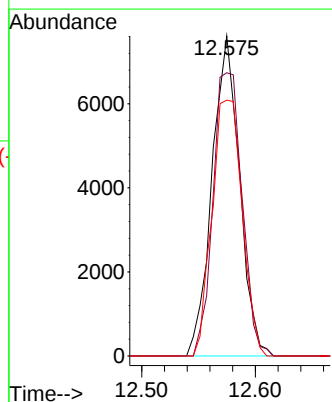
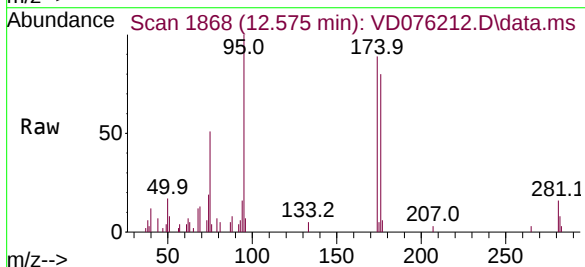
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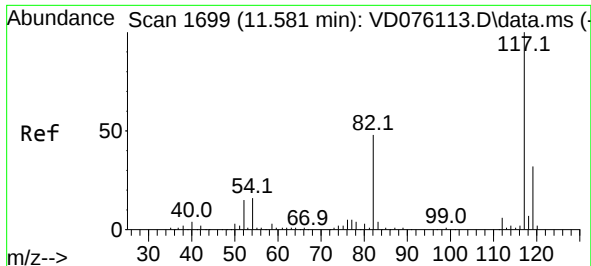
Tgt Ion: 98 Resp: 184561
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 5.652 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076212.D
Acq: 24 May 2023 14:11

Tgt Ion: 95 Resp: 12822
Ion Ratio Lower Upper
95 100
174 93.5 0.0 164.0
176 87.7 0.0 156.8

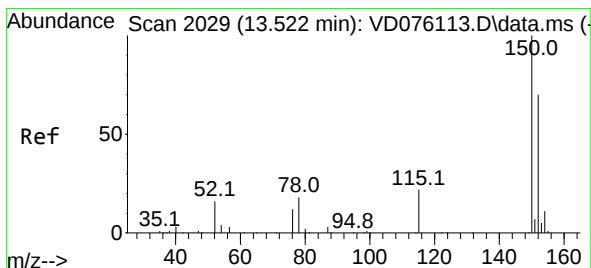
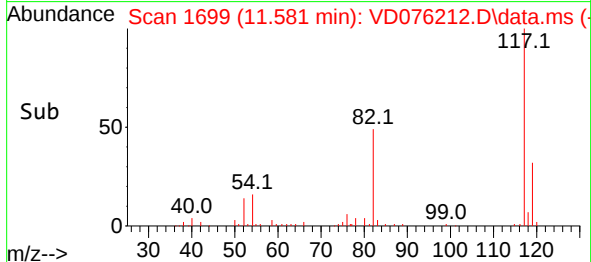
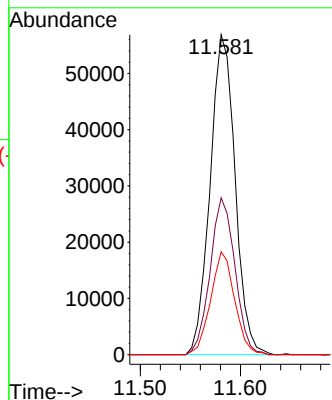
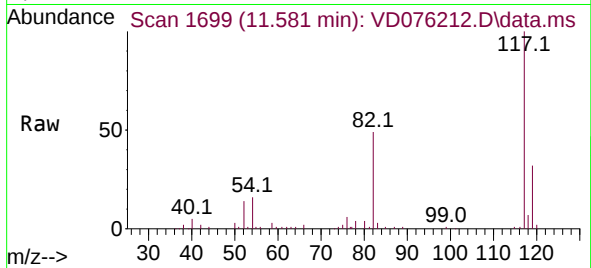




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076212.D
Acq: 24 May 2023 14:11

Instrument :
MSVOA_D
ClientSampleId :
SOIL-BIN

Tgt Ion:117 Resp: 98522
Ion Ratio Lower Upper
117 100
82 49.0 44.0 66.0
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076212.D
Acq: 24 May 2023 14:11

Tgt Ion:152 Resp: 7763
Ion Ratio Lower Upper
152 100
115 47.9 30.1 90.3
150 146.3 0.0 364.8

