

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021423\
 Data File : VD075344.D
 Acq On : 14 Feb 2023 15:39
 Operator : KP/SY
 Sample : 01542-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL

Quant Time: Feb 15 03:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	33333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	60378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	67310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	31926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22756	58.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.440%
35) Dibromofluoromethane	7.810	113	20558	48.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.269	98	79007	49.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.575	95	28179	53.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.460%

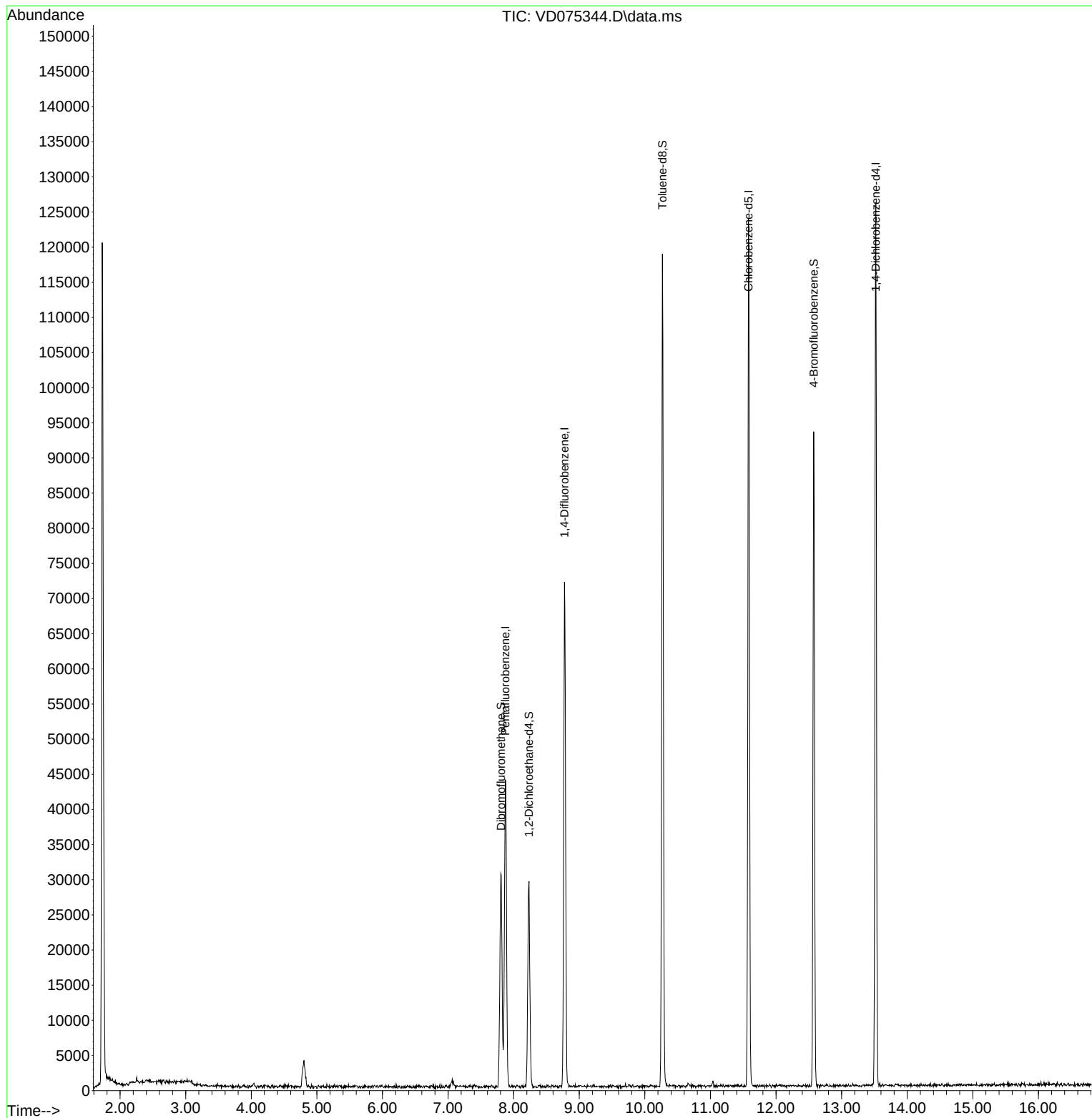
Target Compounds	Qvalue

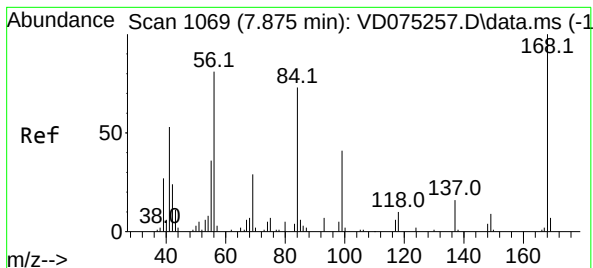
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD075344.D

Acq: 14 Feb 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

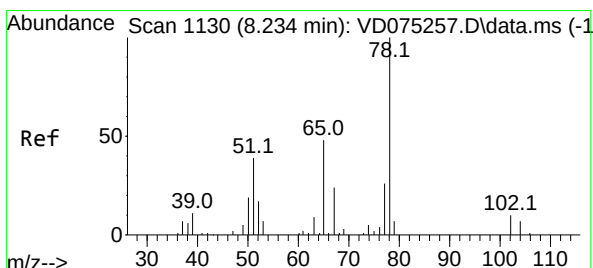
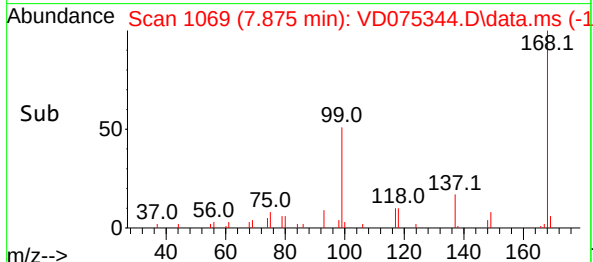
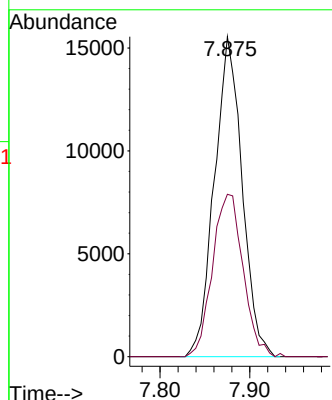
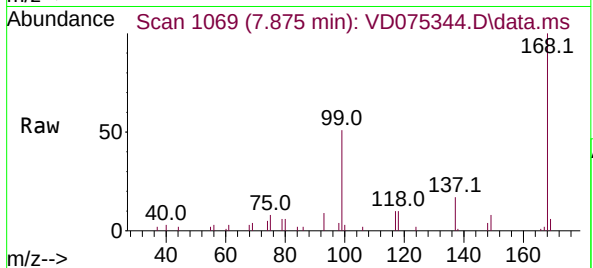
SOIL

Tgt Ion:168 Resp: 33333

Ion Ratio Lower Upper

168 100

99 50.8 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 58.221 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075344.D

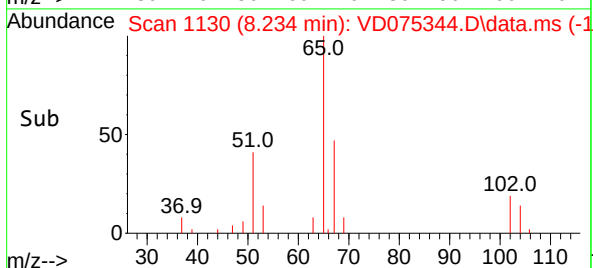
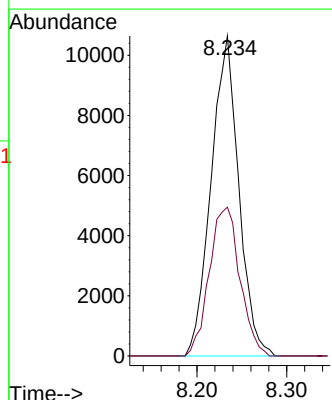
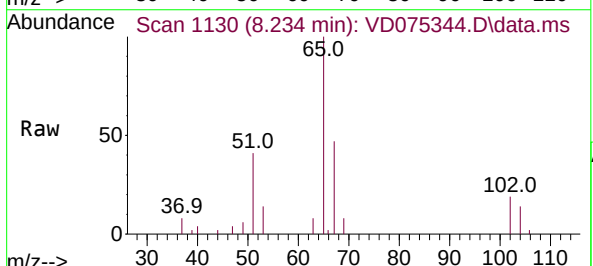
Acq: 14 Feb 2023 15:39

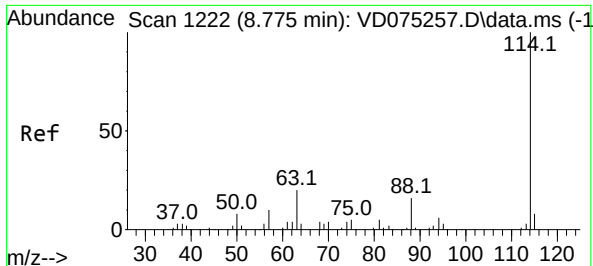
Tgt Ion: 65 Resp: 22756

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075344.D

Acq: 14 Feb 2023 15:39

Instrument :

MSVOA_D

ClientSampleId :

SOIL

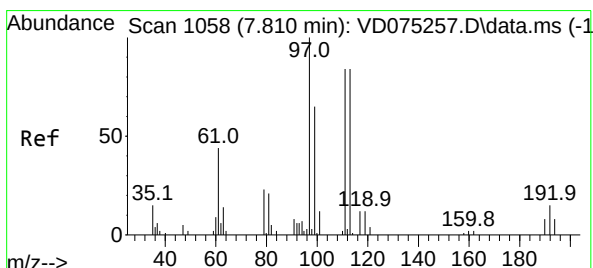
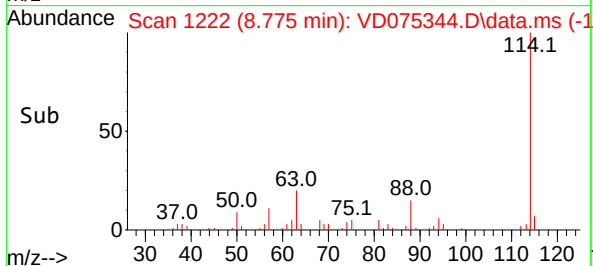
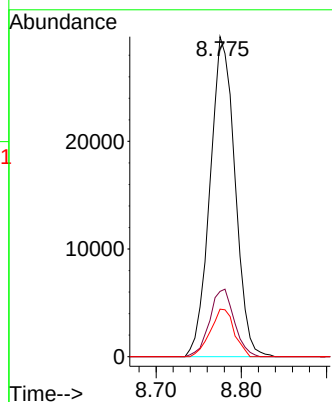
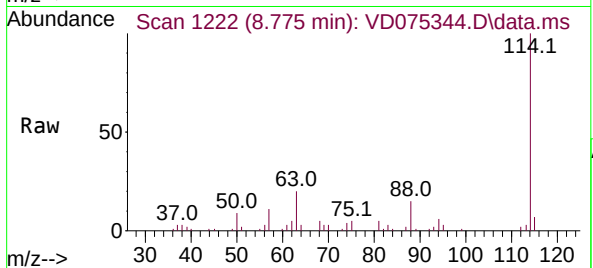
Tgt Ion:114 Resp: 60378

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 14.8 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.558 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075344.D

Acq: 14 Feb 2023 15:39

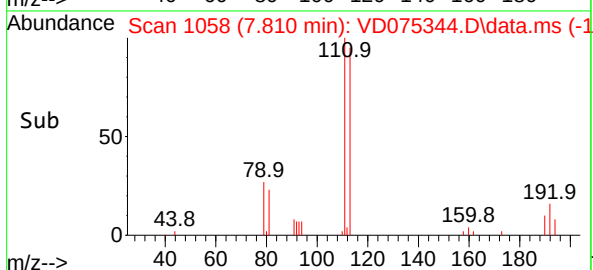
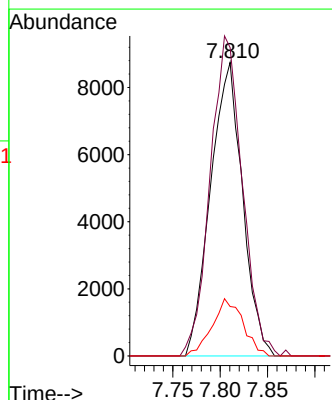
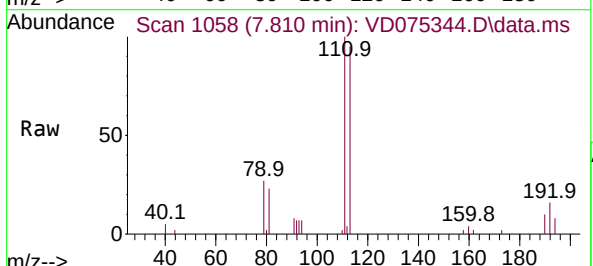
Tgt Ion:113 Resp: 20558

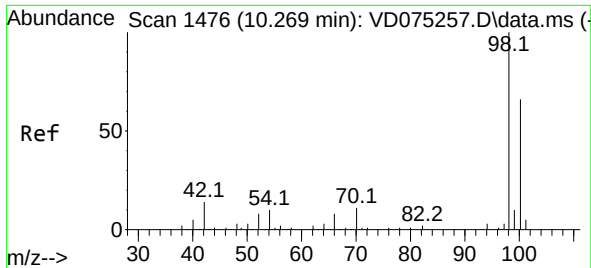
Ion Ratio Lower Upper

113 100

111 109.3 80.1 120.1

192 18.8 15.4 23.0

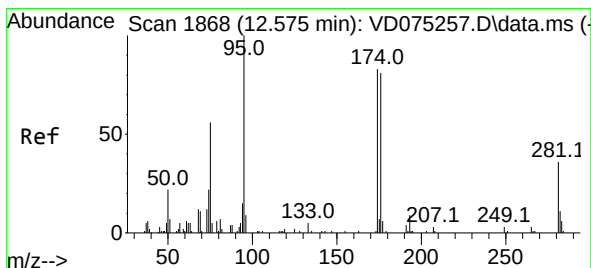
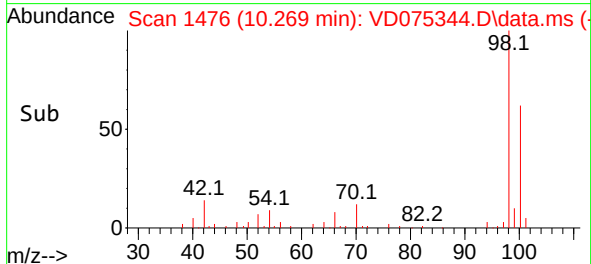
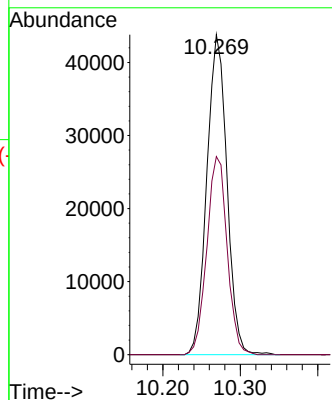
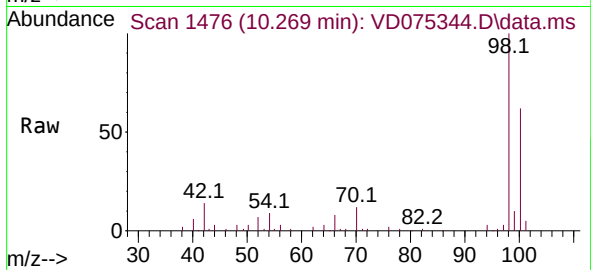




#50
Toluene-d8
Concen: 49.208 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

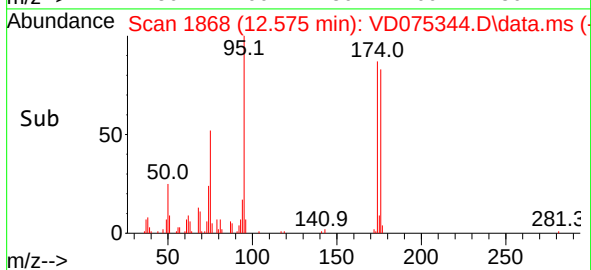
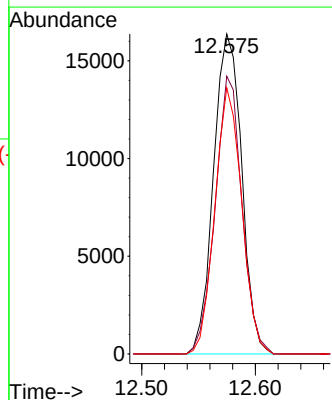
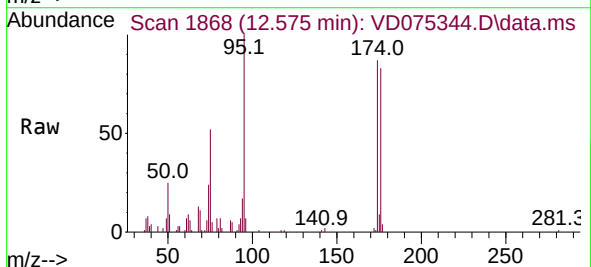
Instrument :
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SOIL

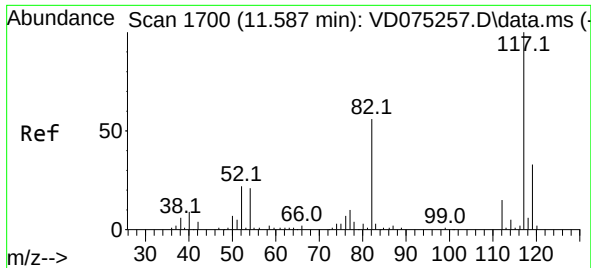
Tgt Ion: 98 Resp: 79007
Ion Ratio Lower Upper
98 100
100 62.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.227 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

Tgt Ion: 95 Resp: 28179
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.2
176 79.7 0.0 160.2

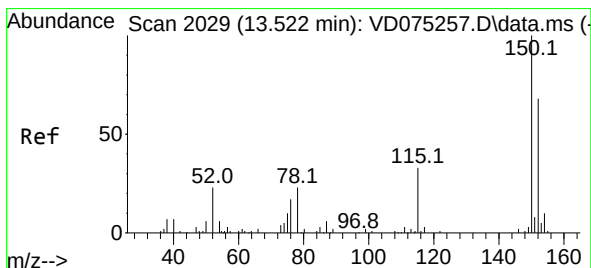
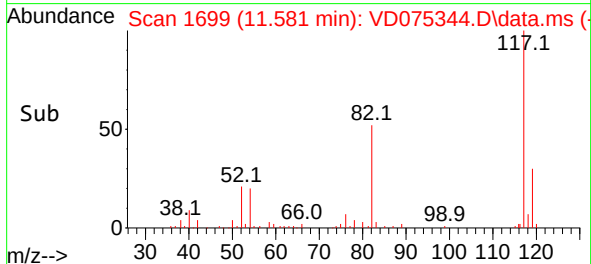
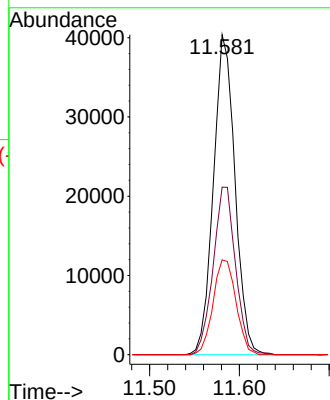
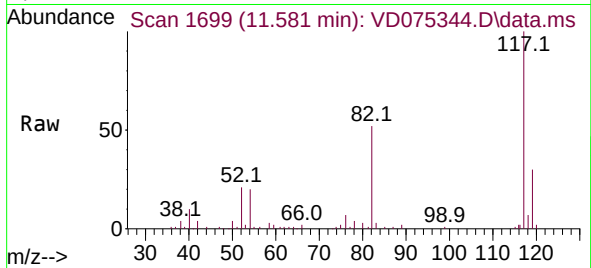




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

Instrument :
MSVOA_D
ClientSampleId :
SOIL

Tgt Ion:117 Resp: 67310
Ion Ratio Lower Upper
117 100
82 52.3 39.6 59.4
119 29.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075344.D
Acq: 14 Feb 2023 15:39

Tgt Ion:152 Resp: 31926
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.4
150 156.3 0.0 348.6

