

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074721.D
 Acq On : 03 Nov 2022 17:55
 Operator : VA/SY
 Sample : N5430-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP-1102

Quant Time: Nov 04 00:03:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

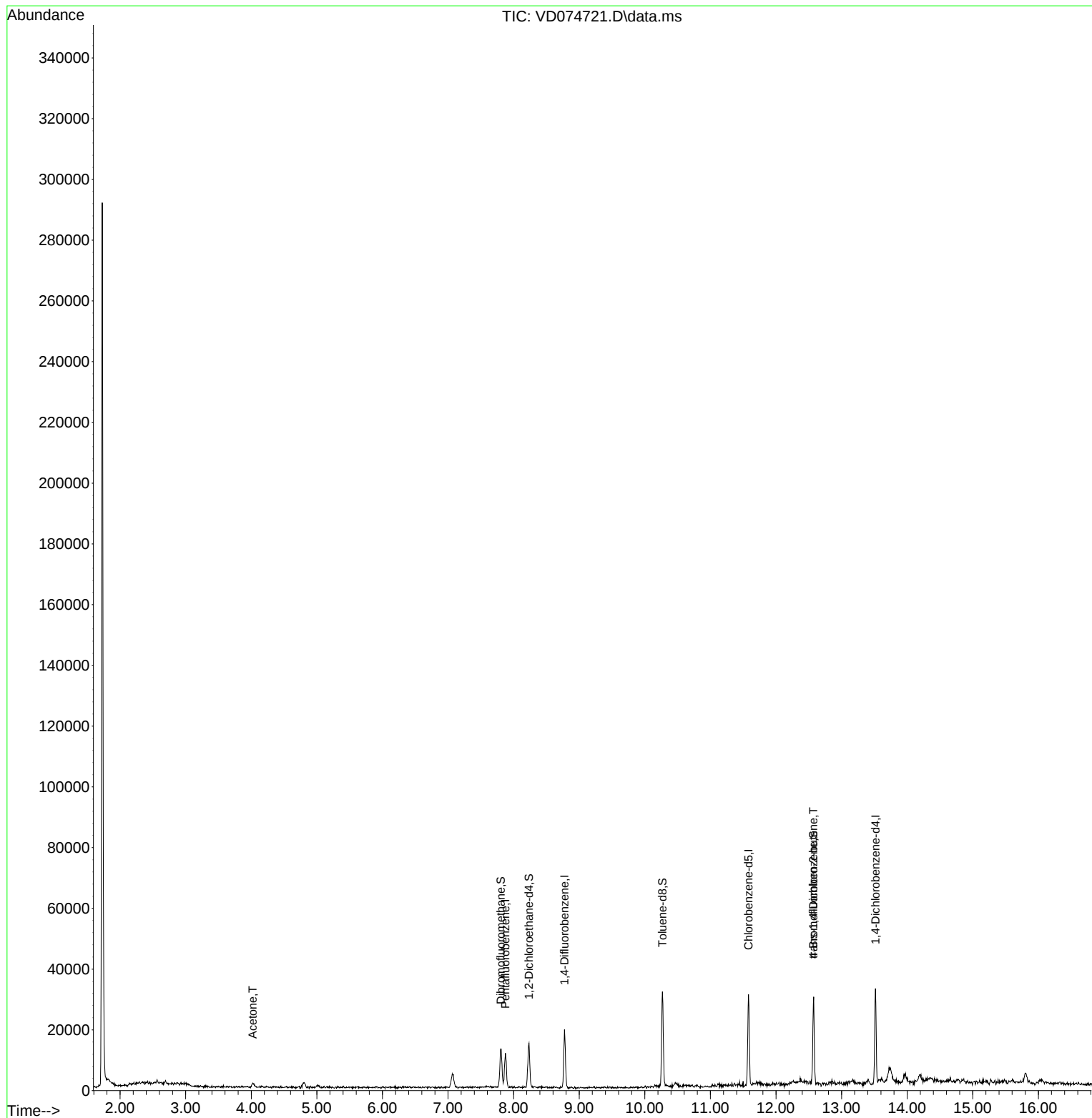
Internal Standards						
1) Pentafluorobenzene	7.875	168	9744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	18669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	9325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	11237	145.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 291.220%#	
35) Dibromofluoromethane	7.805	113	9767	88.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 176.880%#	
50) Toluene-d8	10.269	98	23036	57.185	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.360%	
62) 4-Bromofluorobenzene	12.569	95	8973	77.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 154.300%#	
Target Compounds						
16) Acetone	4.022	43	2094	130.022	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	4102	134.699	ug/l #	17

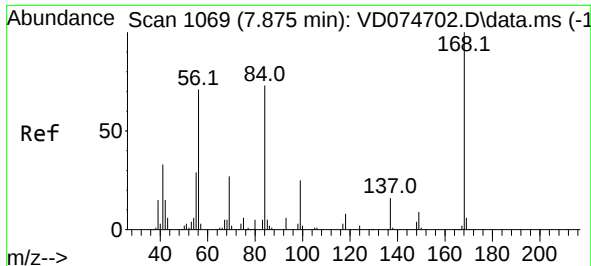
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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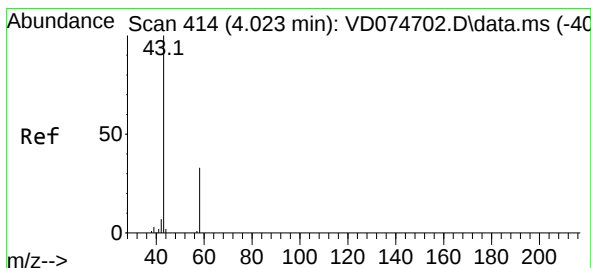
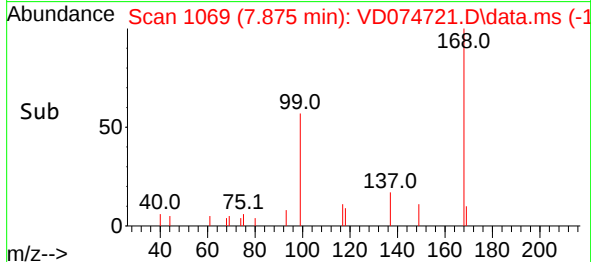
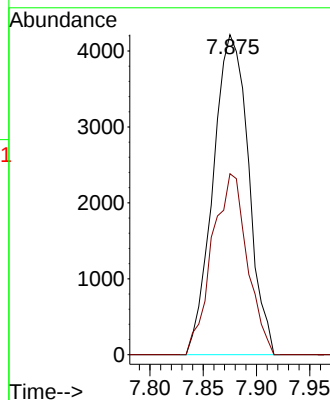
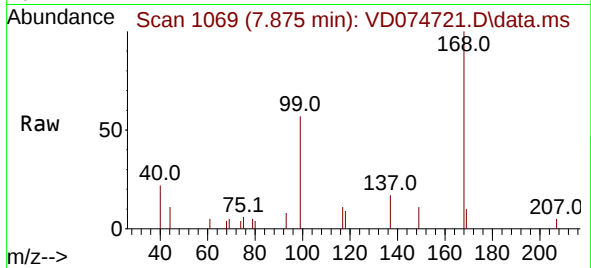




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

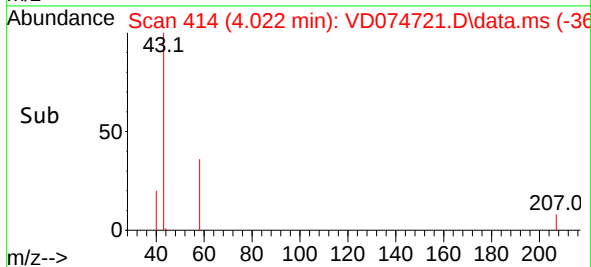
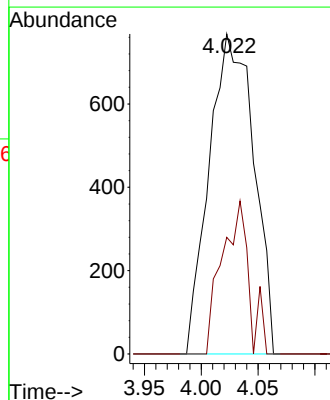
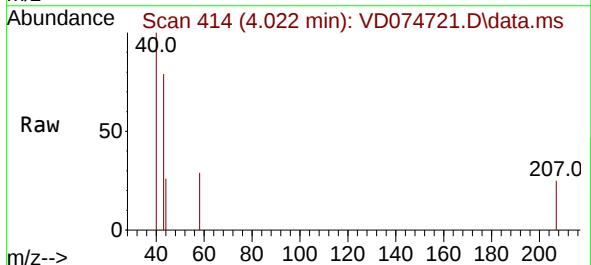
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

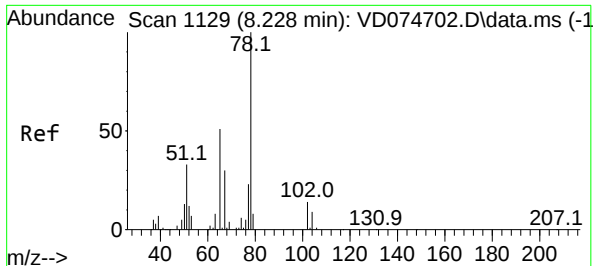
Tgt Ion:168 Resp: 9744
Ion Ratio Lower Upper
168 100
99 56.5 40.9 61.3



#16
Acetone
Concen: 130.022 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 43 Resp: 2094
Ion Ratio Lower Upper
43 100
58 36.5 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 145.605 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074721.D

Acq: 03 Nov 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

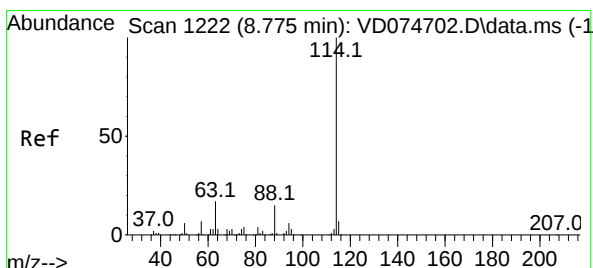
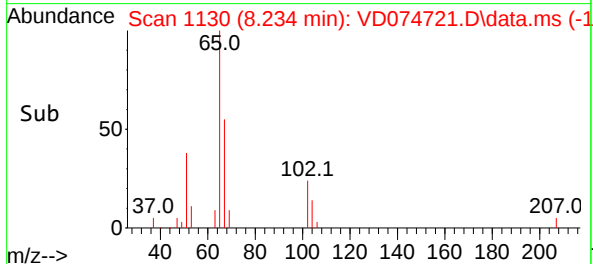
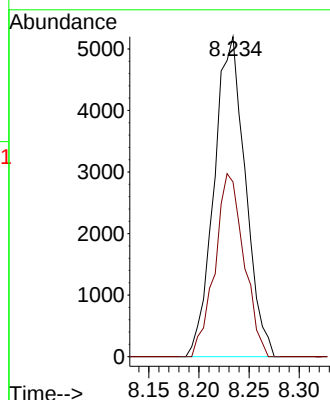
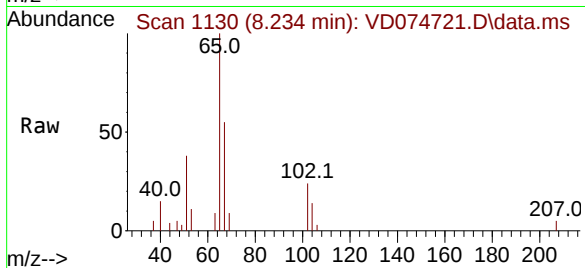
SOIL-COMP-1102

Tgt Ion: 65 Resp: 11237

Ion Ratio Lower Upper

65 100

67 53.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074721.D

Acq: 03 Nov 2022 17:55

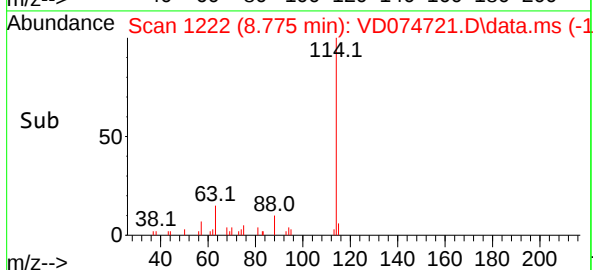
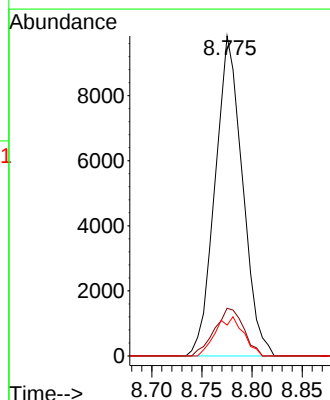
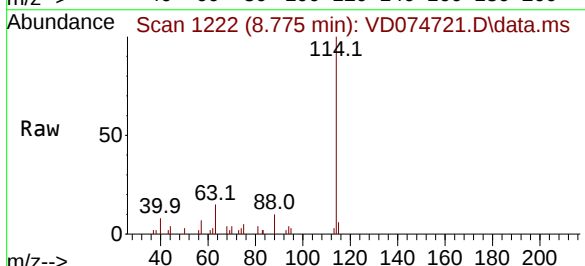
Tgt Ion: 114 Resp: 18669

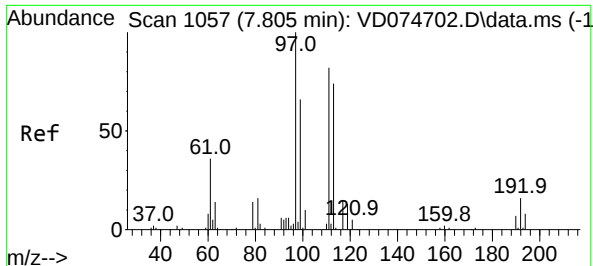
Ion Ratio Lower Upper

114 100

63 14.9 0.0 33.2

88 9.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 88.441 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074721.D

Acq: 03 Nov 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMP-1102

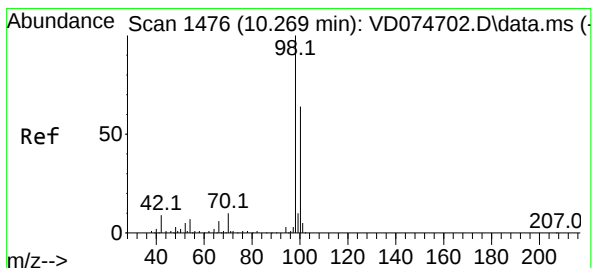
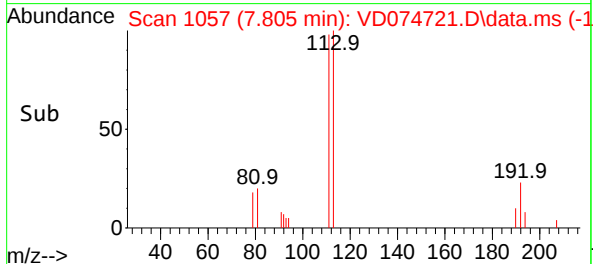
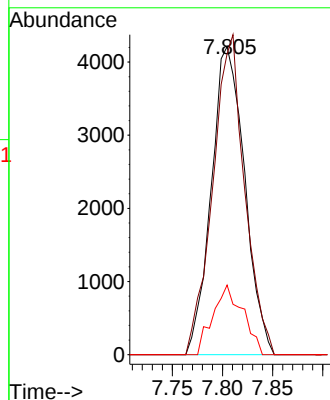
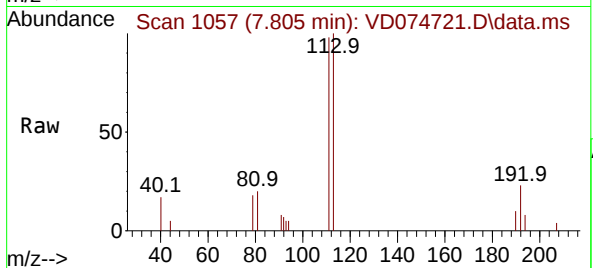
Tgt Ion:113 Resp: 9767

Ion Ratio Lower Upper

113 100

111 99.0 82.3 123.5

192 20.2 16.4 24.6



#50

Toluene-d8

Concen: 57.185 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074721.D

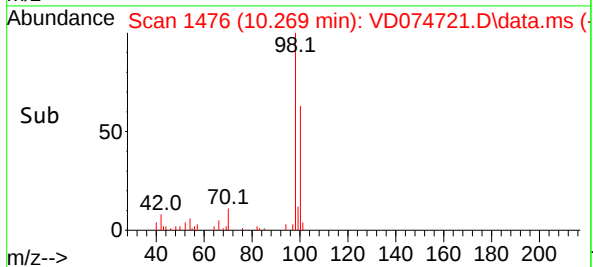
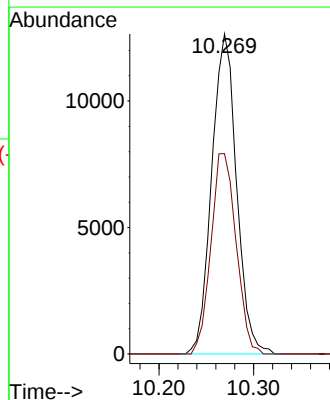
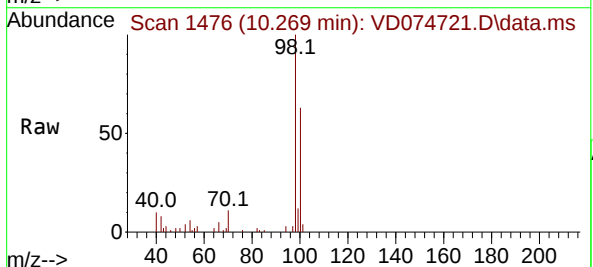
Acq: 03 Nov 2022 17:55

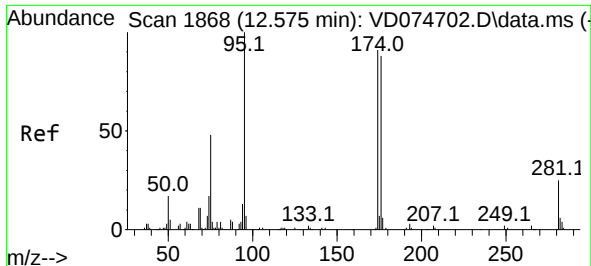
Tgt Ion: 98 Resp: 23036

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.0

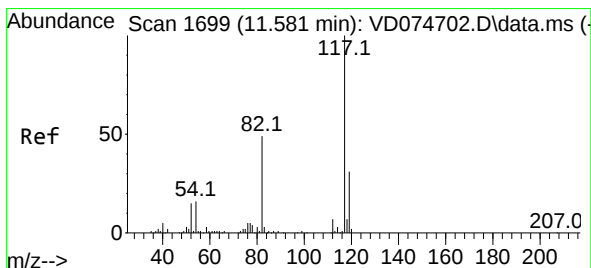
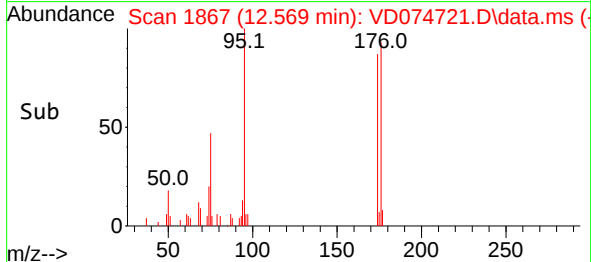
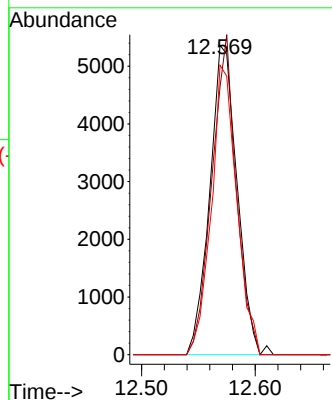
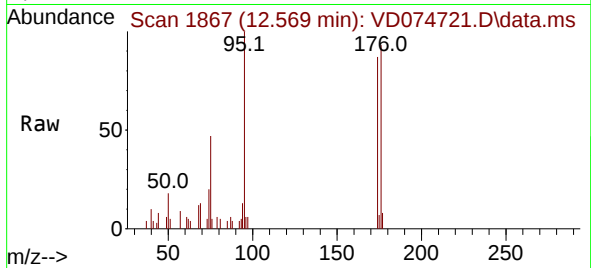




#62
4-Bromofluorobenzene
Concen: 77.147 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

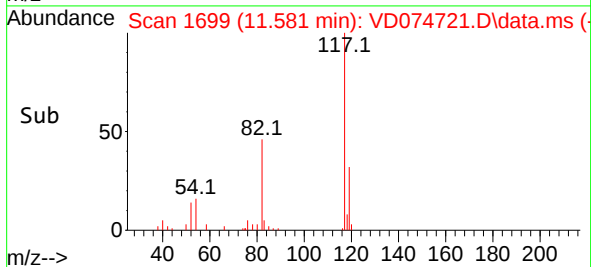
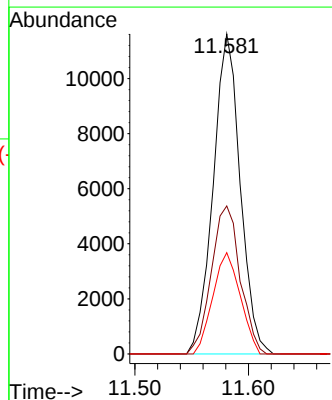
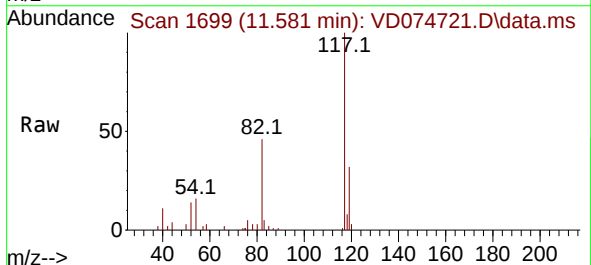
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

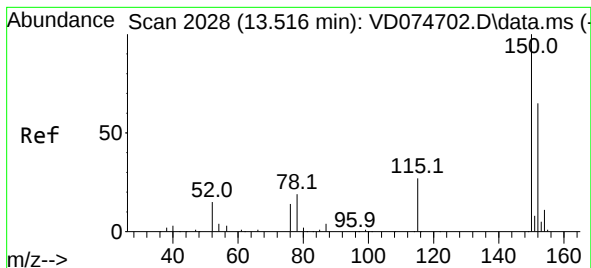
Tgt Ion: 95 Resp: 8973
Ion Ratio Lower Upper
95 100
174 92.4 0.0 197.0
176 87.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 117 Resp: 19221
Ion Ratio Lower Upper
117 100
82 46.3 41.6 62.4
119 31.6 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD074721.D

Acq: 03 Nov 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMP-1102

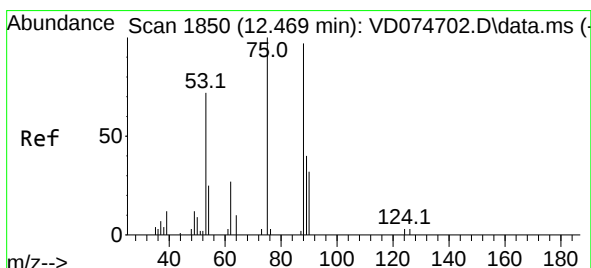
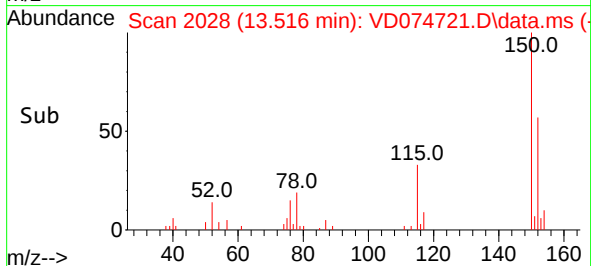
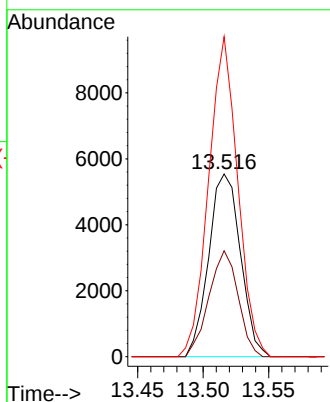
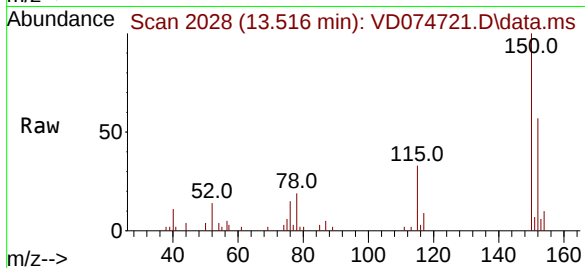
Tgt Ion:152 Resp: 9325

Ion Ratio Lower Upper

152 100

115 53.3 26.8 80.4

150 160.6 0.0 348.2



#81

trans-1,4-Dichloro-2-butene

Concen: 134.699 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD074721.D

Acq: 03 Nov 2022 17:55

Tgt Ion: 75 Resp: 4102

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.6#

89 0.0 38.2 57.4#

