

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018612.D
 Acq On : 17 Jun 2024 16:12
 Operator : SY/MD
 Sample : P2883-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Soil/Gravel-SP

Quant Time: Jun 18 01:25:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

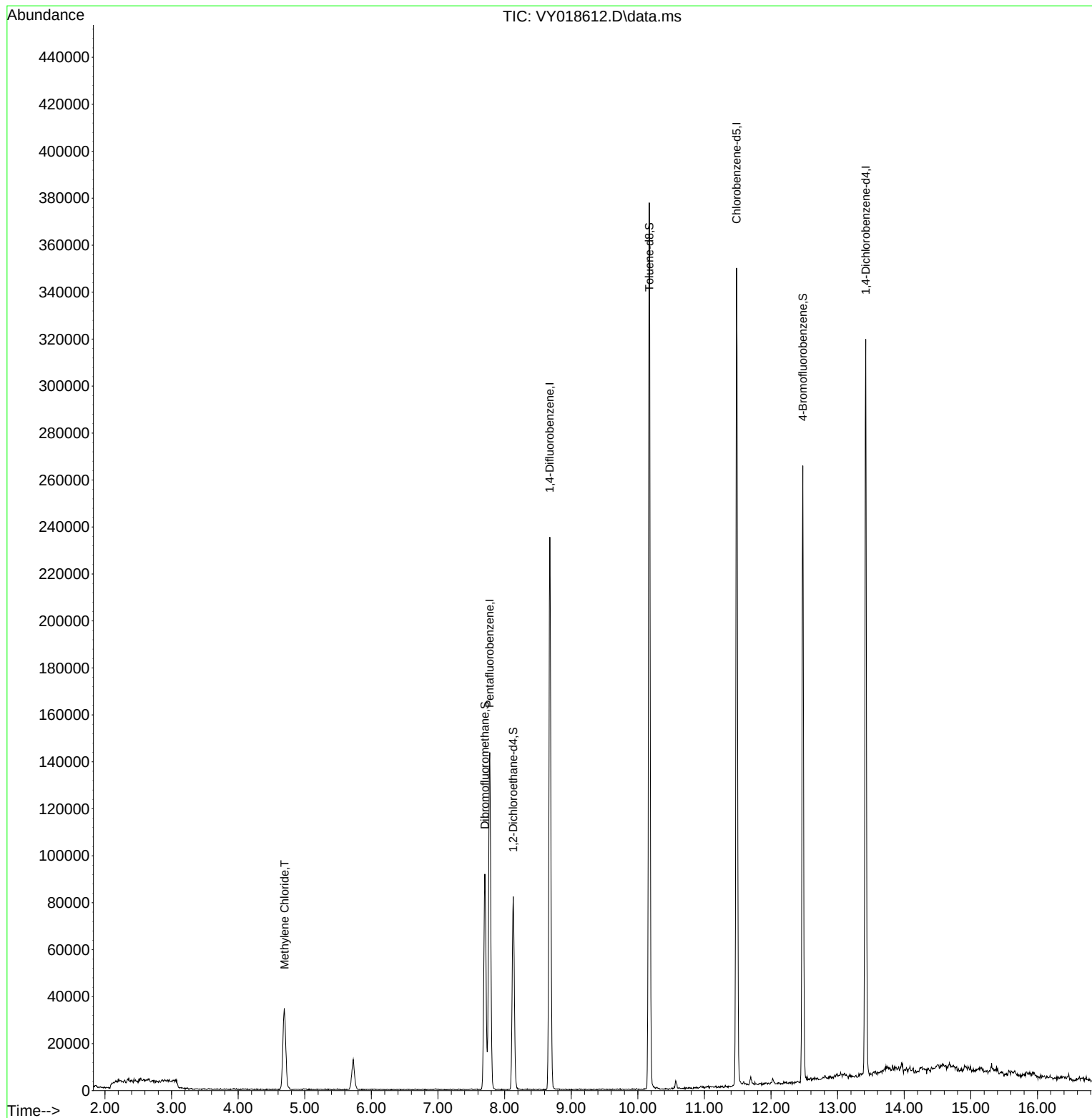
Internal Standards						
1) Pentafluorobenzene	7.777	168	109936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	204222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	191815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	63044	56.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.920%	
35) Dibromofluoromethane	7.704	113	63789	51.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.400%	
50) Toluene-d8	10.173	98	246059	51.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.477	95	77043	50.927	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.860%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	26966	12.757	ug/l	94

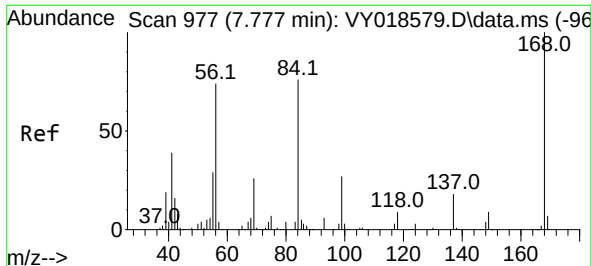
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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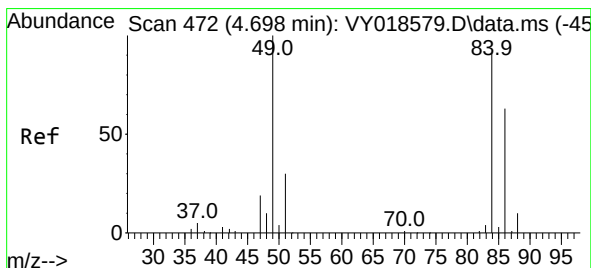
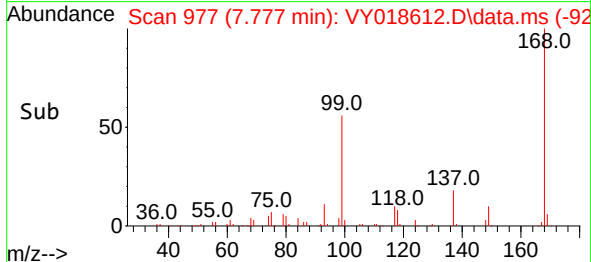
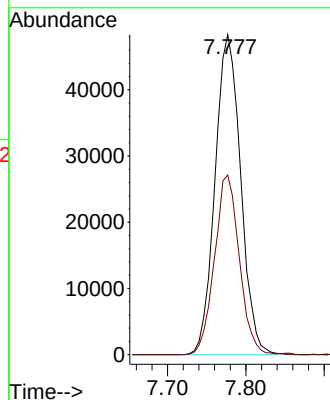
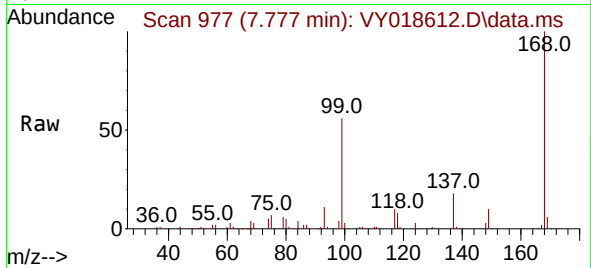




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018612.D
Acq: 17 Jun 2024 16:12

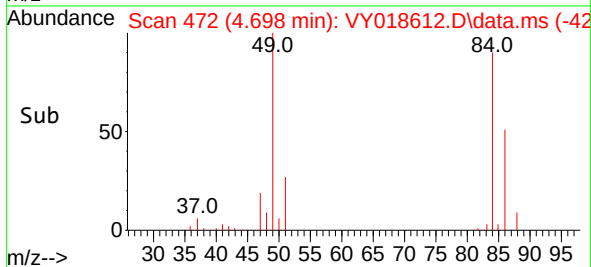
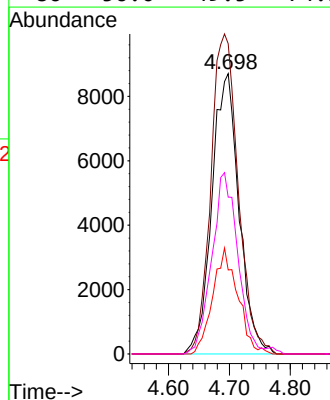
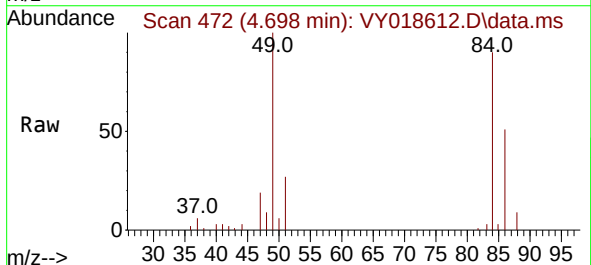
Instrument :
MSVOA_Y
ClientSampleId :
Soil/Gravel-SP

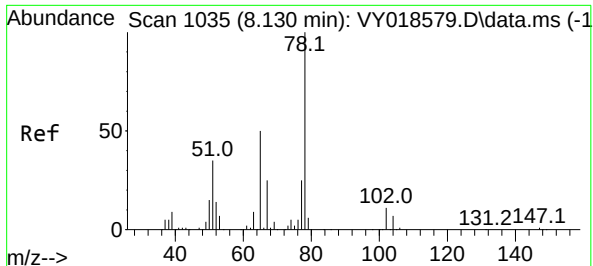
Tgt Ion:168 Resp: 109936
Ion Ratio Lower Upper
168 100
99 56.2 39.1 58.7



#20
Methylene Chloride
Concen: 12.757 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018612.D
Acq: 17 Jun 2024 16:12

Tgt Ion: 84 Resp: 26966
Ion Ratio Lower Upper
84 100
49 110.7 84.4 126.6
51 30.0 26.0 39.0
86 56.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 56.959 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018612.D

Acq: 17 Jun 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

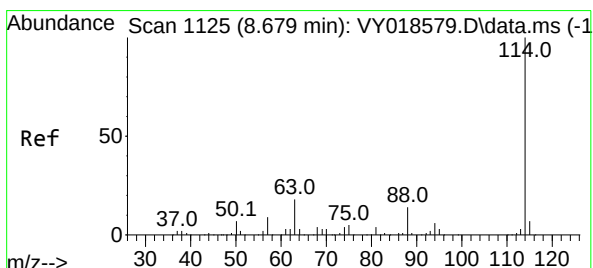
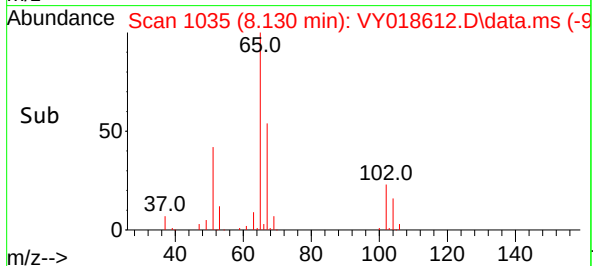
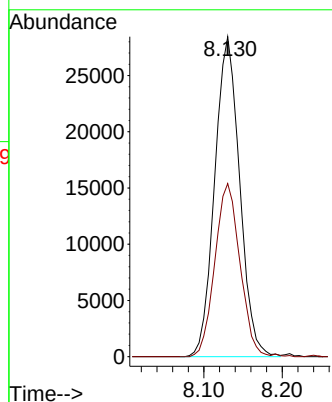
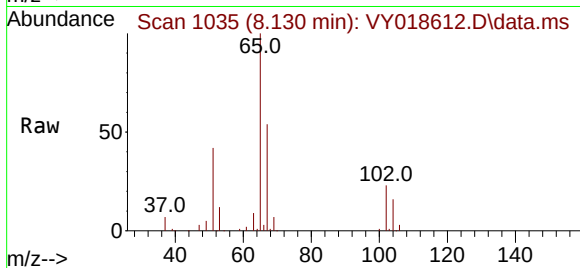
Soil/Gravel-SP

Tgt Ion: 65 Resp: 63044

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018612.D

Acq: 17 Jun 2024 16:12

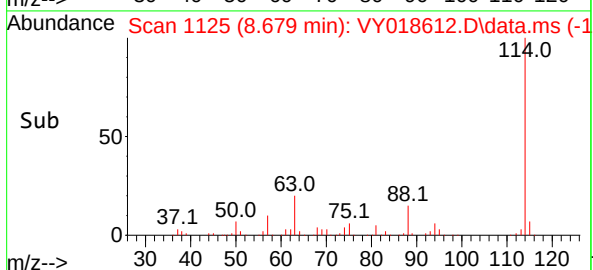
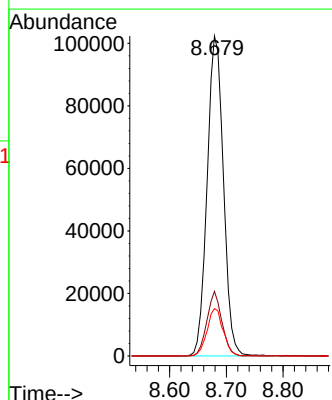
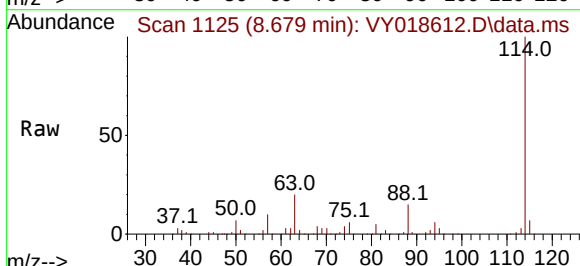
Tgt Ion: 114 Resp: 204222

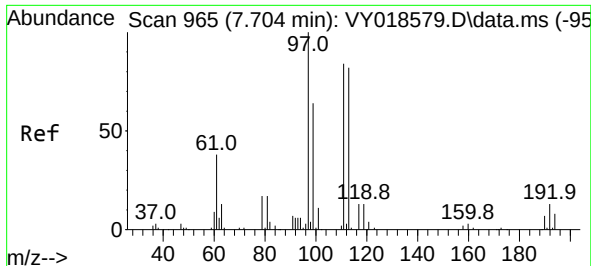
Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.0

88 14.8 0.0 27.2

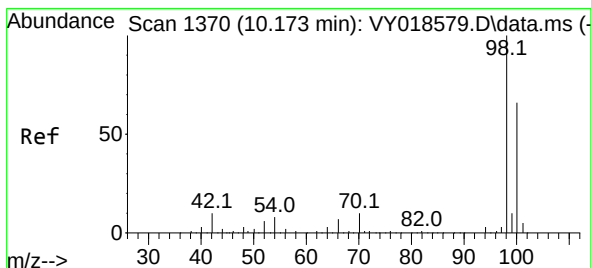
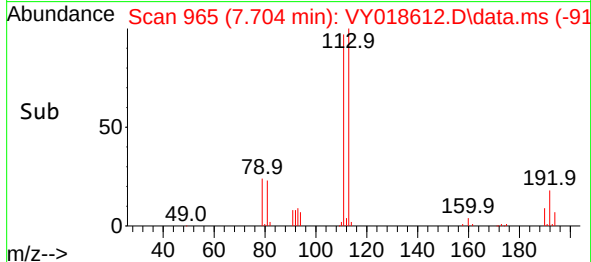
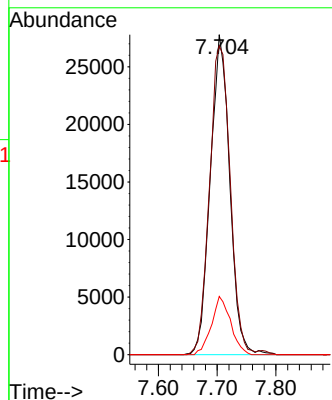
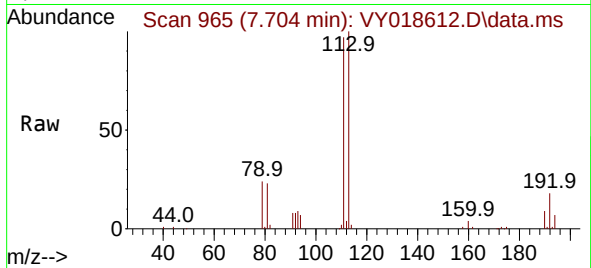




#35
Dibromofluoromethane
Concen: 51.204 ug/l
RT: 7.704 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY018612.D
Acq: 17 Jun 2024 16:12

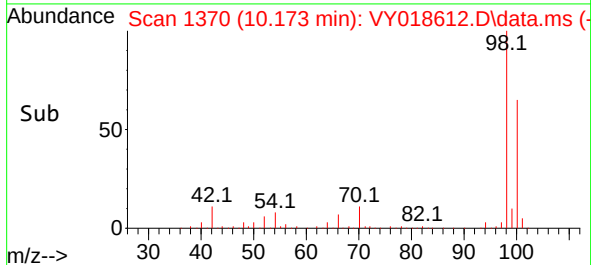
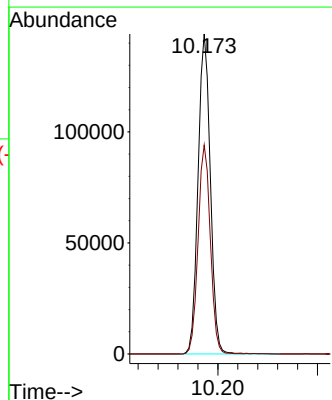
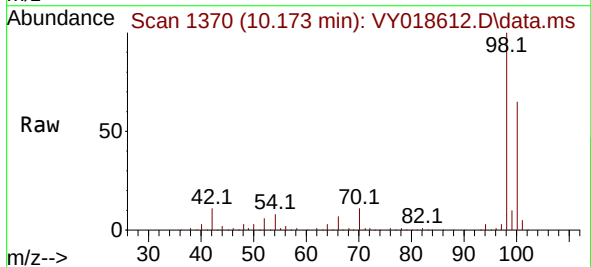
Instrument :
MSVOA_Y
ClientSampleId :
Soil/Gravel-SP

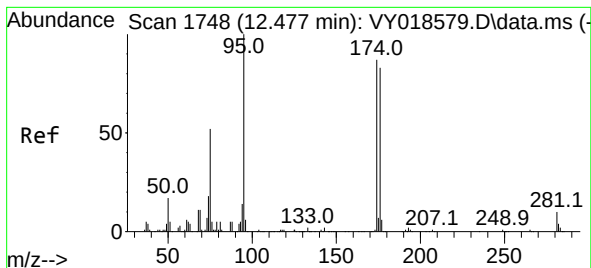
Tgt Ion:113 Resp: 63789
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.9 15.9 23.9



#50
Toluene-d8
Concen: 51.360 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018612.D
Acq: 17 Jun 2024 16:12

Tgt Ion: 98 Resp: 246059
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

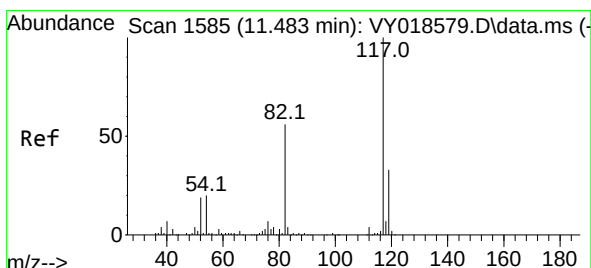
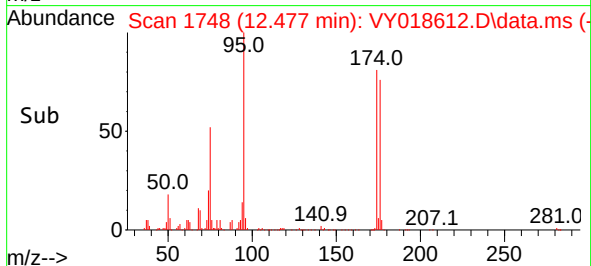
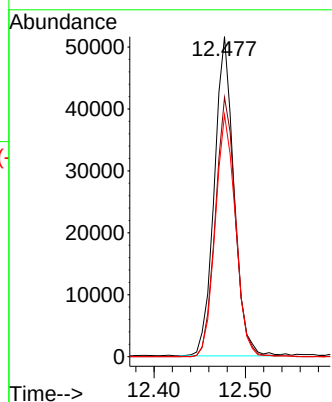
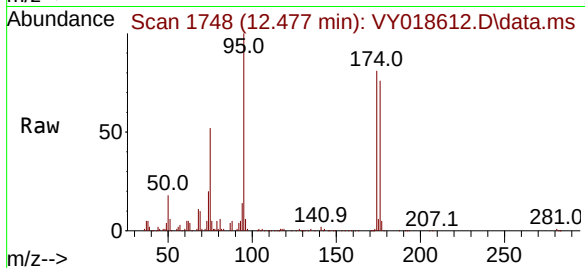




#62
4-Bromofluorobenzene
Concen: 50.927 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018612.D
Acq: 17 Jun 2024 16:12

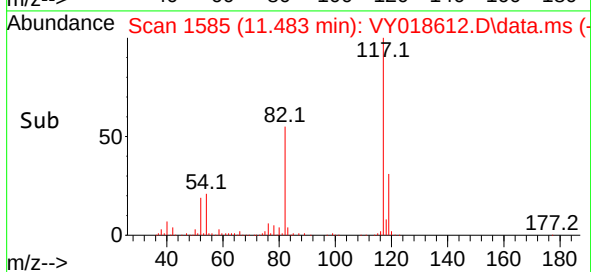
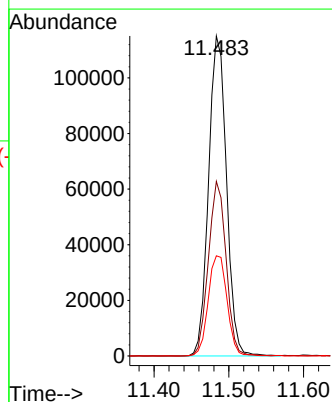
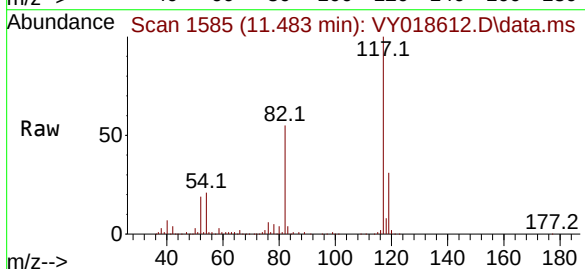
Instrument :
MSVOA_Y
ClientSampleId :
Soil/Gravel-SP

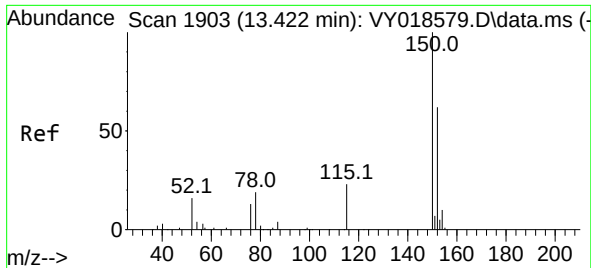
Tgt Ion: 95 Resp: 77043
Ion Ratio Lower Upper
95 100
174 83.6 0.0 175.6
176 77.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018612.D
Acq: 17 Jun 2024 16:12

Tgt Ion: 117 Resp: 191815
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 31.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018612.D
 Acq: 17 Jun 2024 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 Soil/Gravel-SP

Tgt Ion:152 Resp: 78102
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 155.3 0.0 345.6

