

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040424\
 Data File : VX040882.D
 Acq On : 04 Apr 2024 12:55
 Operator : JC/MD
 Sample : P1974-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-1

Quant Time: Apr 05 04:09:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

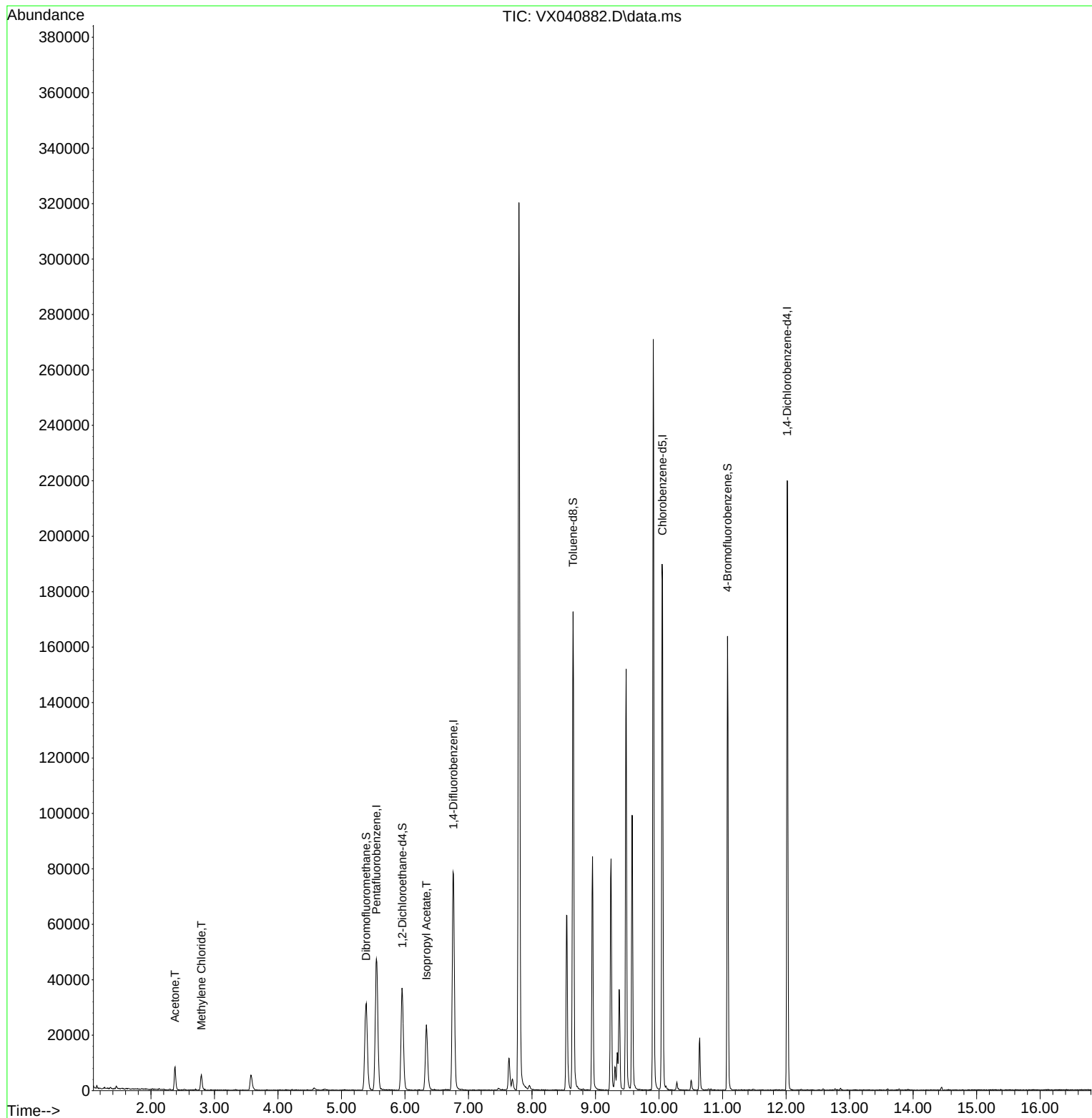
Internal Standards						
1) Pentafluorobenzene	5.550	168	41581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	75786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	77921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37366	50.083	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.160%	
35) Dibromofluoromethane	5.385	113	26180	48.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.540%	
50) Toluene-d8	8.647	98	98444	50.753	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	11.079	95	41177	53.159	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.320%	
Target Compounds						
						Qvalue
16) Acetone	2.379	43	9050	31.240	ug/l	94
20) Methylene Chloride	2.794	84	2382	4.437	ug/l	95
43) Isopropyl Acetate	6.336	43	32671	22.588	ug/l	95

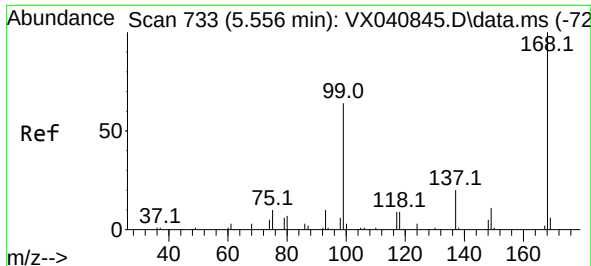
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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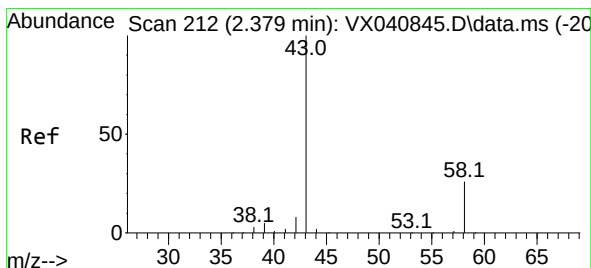
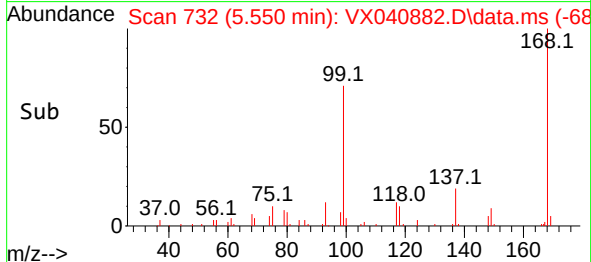
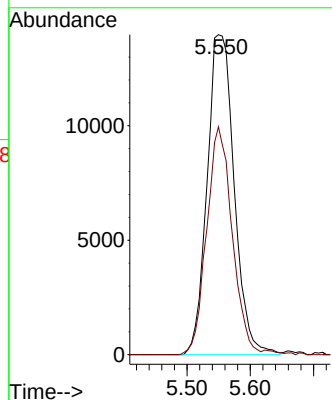
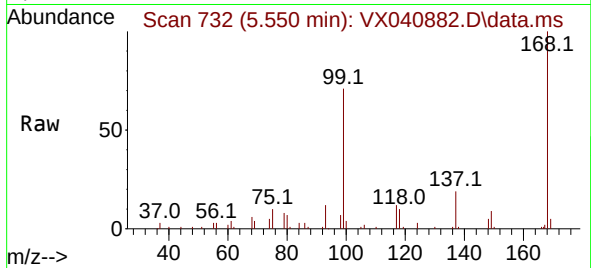




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

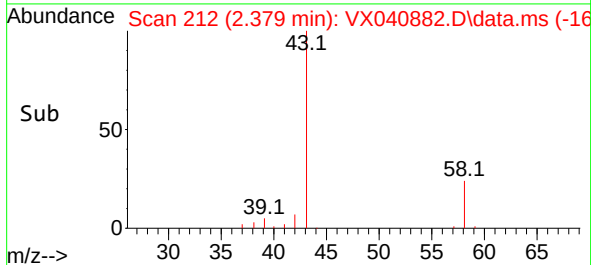
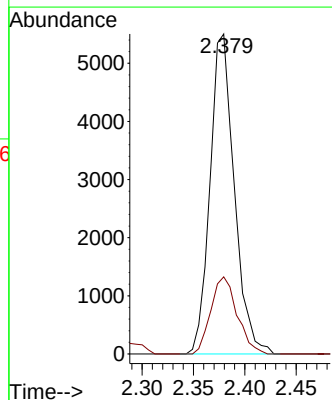
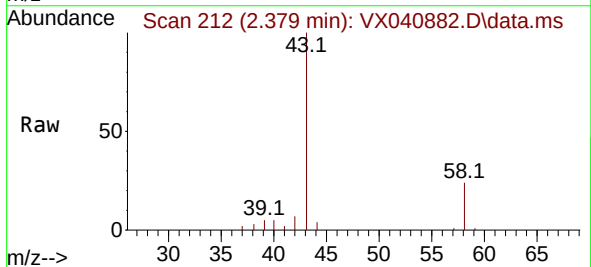
Instrument :
MSVOA_X
ClientSampleId :
SOIL-1

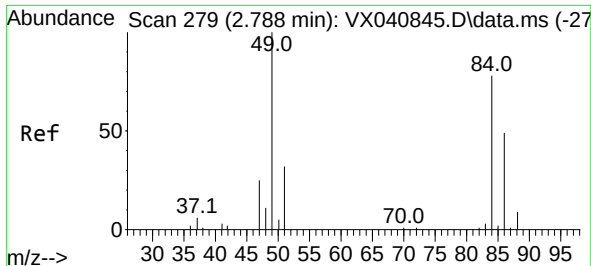
Tgt Ion:168 Resp: 41581
Ion Ratio Lower Upper
168 100
99 71.2 56.6 85.0



#16
Acetone
Concen: 31.240 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

Tgt Ion: 43 Resp: 9050
Ion Ratio Lower Upper
43 100
58 24.1 21.9 32.9



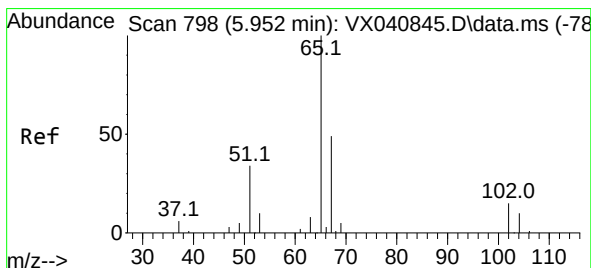
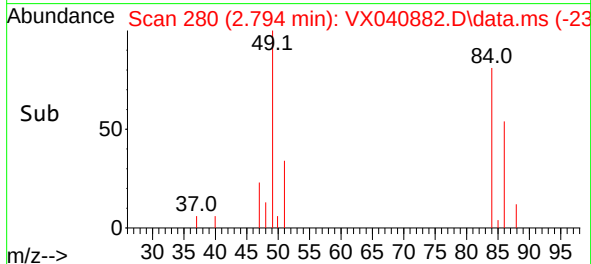
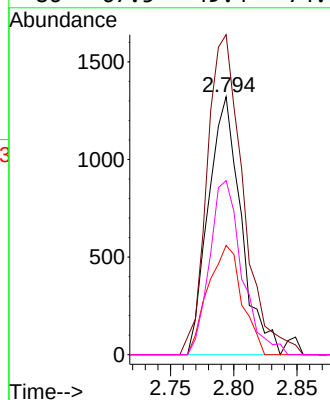
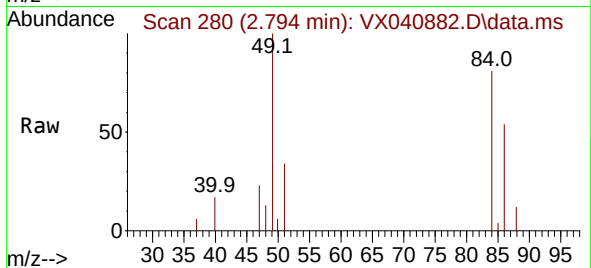


#20
Methylene Chloride
Concen: 4.437 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

Instrument :
MSVOA_X
ClientSampleId :
SOIL-1

Tgt Ion: 84 Resp: 2382

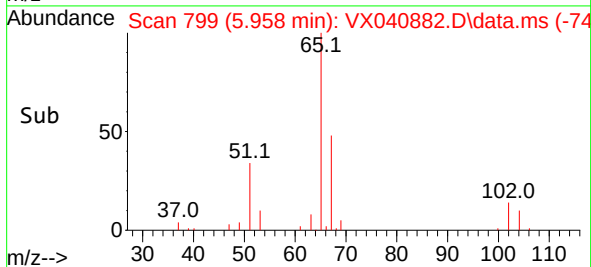
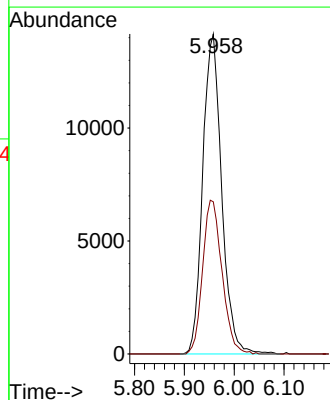
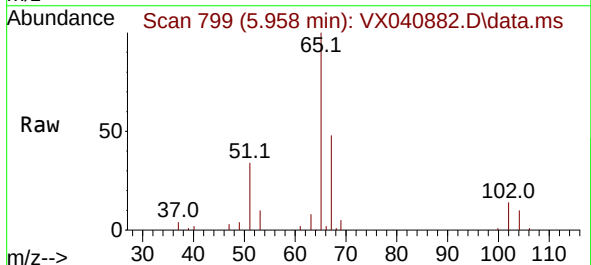
Ion	Ratio	Lower	Upper
84	100		
49	124.1	103.6	155.4
51	42.4	33.8	50.6
86	67.5	49.4	74.0

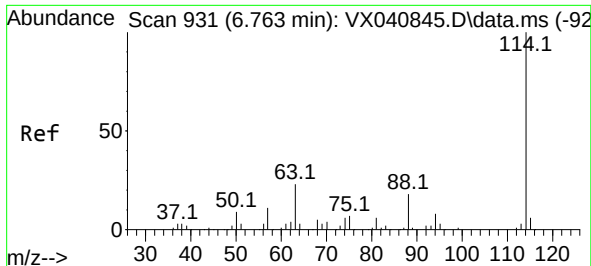


#33
1,2-Dichloroethane-d4
Concen: 50.083 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

Tgt Ion: 65 Resp: 37366

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	100.2

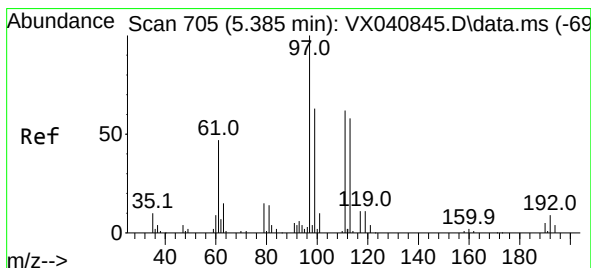
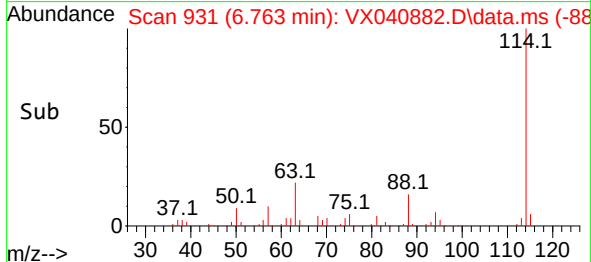
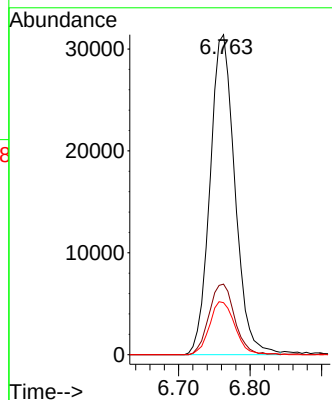
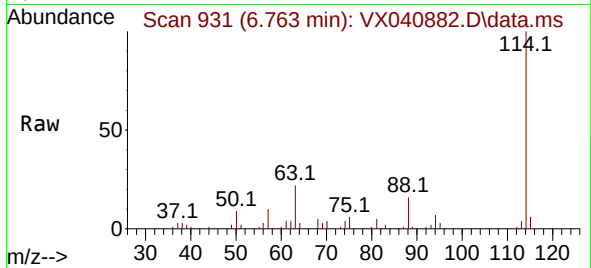




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

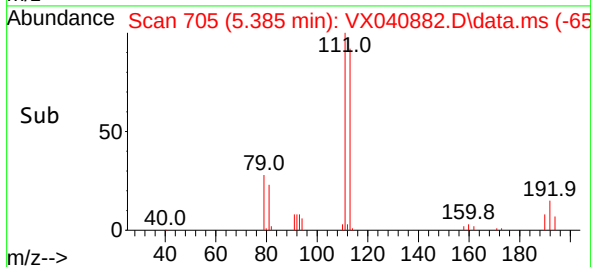
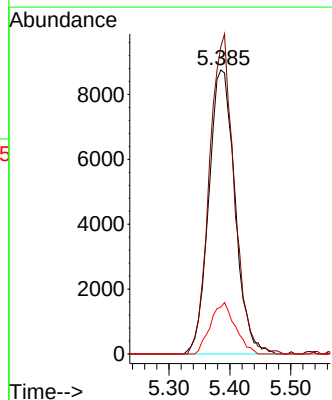
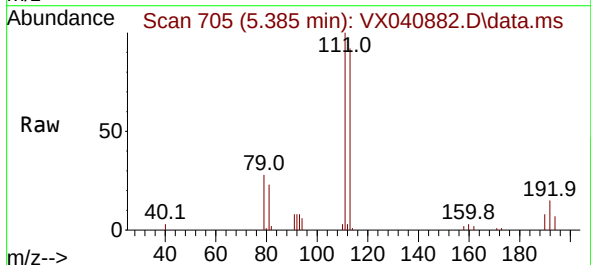
Instrument :
MSVOA_X
ClientSampleId :
SOIL-1

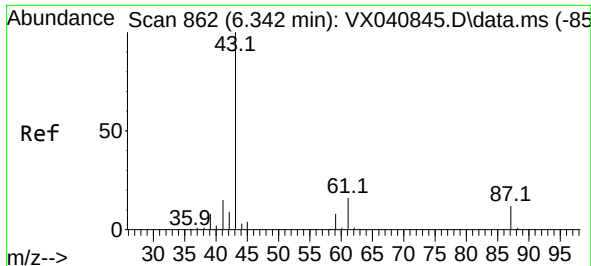
Tgt Ion:114 Resp: 75786
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.771 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

Tgt Ion:113 Resp: 26180
Ion Ratio Lower Upper
113 100
111 106.4 82.9 124.3
192 17.1 13.3 19.9

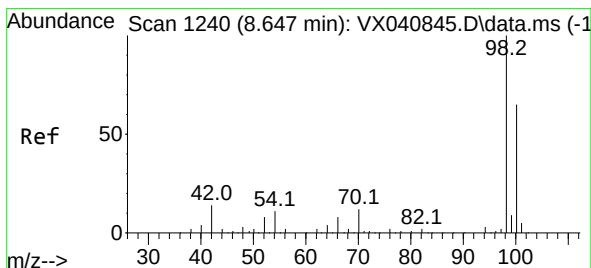
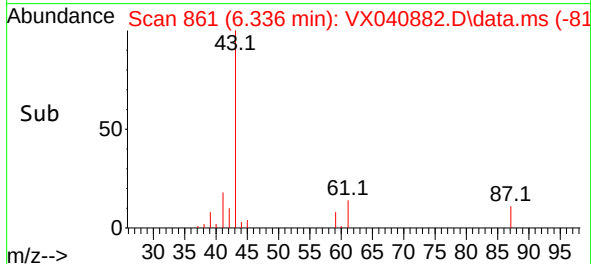
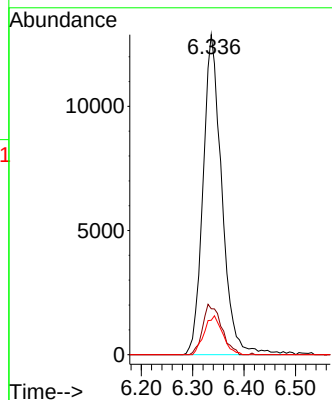
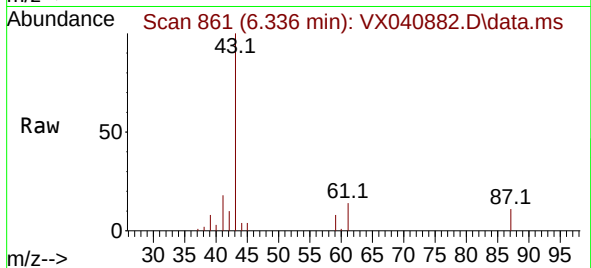




#43
Isopropyl Acetate
Concen: 22.588 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

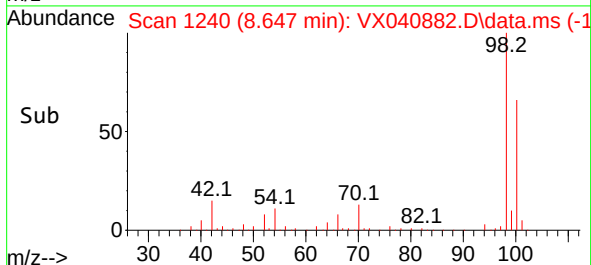
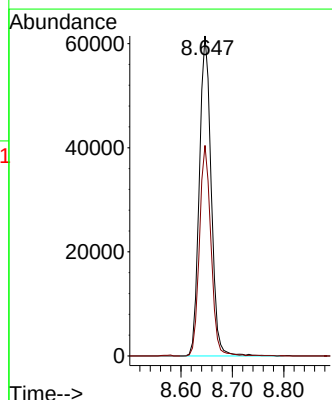
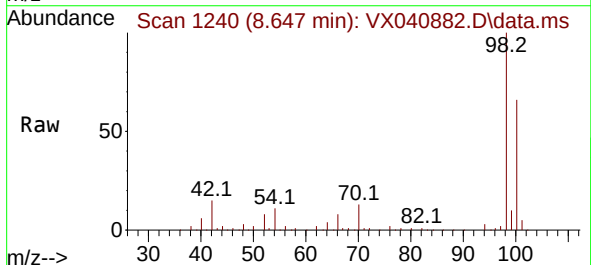
Instrument :
MSVOA_X
ClientSampleId :
SOIL-1

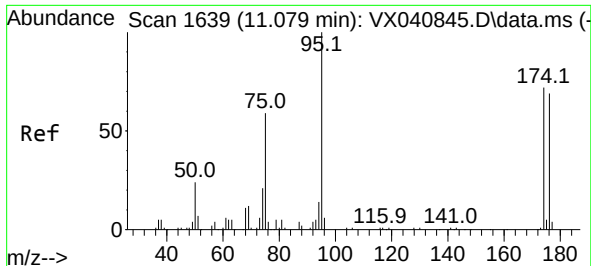
Tgt Ion: 43 Resp: 32671
Ion Ratio Lower Upper
43 100
61 15.7 15.2 22.8
87 11.9 9.8 14.6



#50
Toluene-d8
Concen: 50.753 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

Tgt Ion: 98 Resp: 98444
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

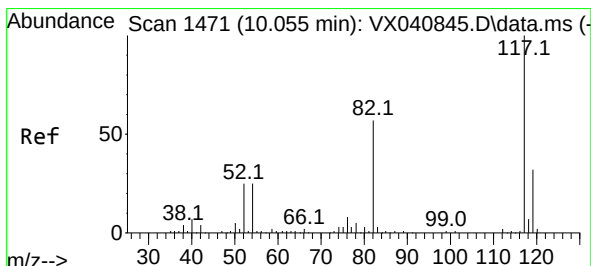
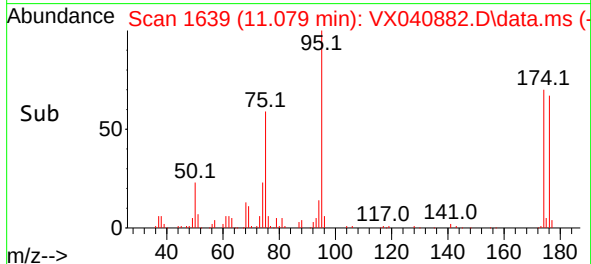
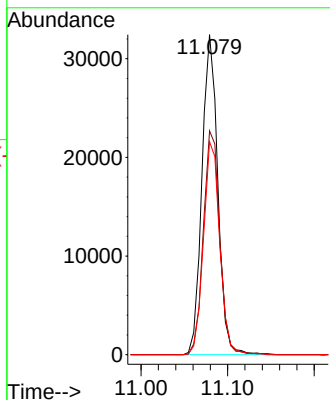
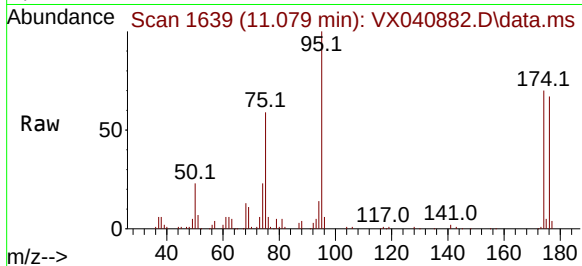




#62
4-Bromofluorobenzene
Concen: 53.159 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

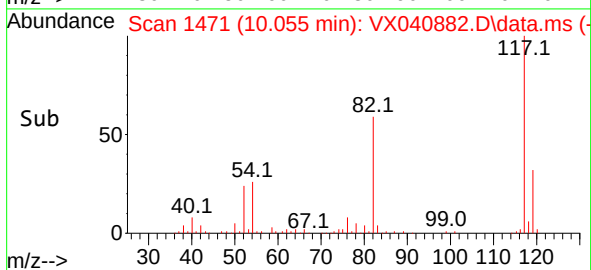
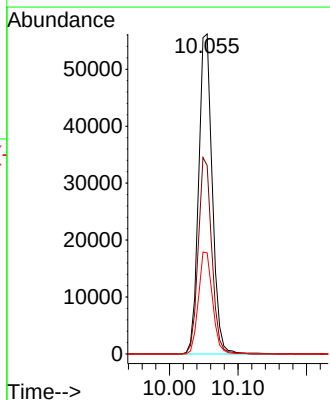
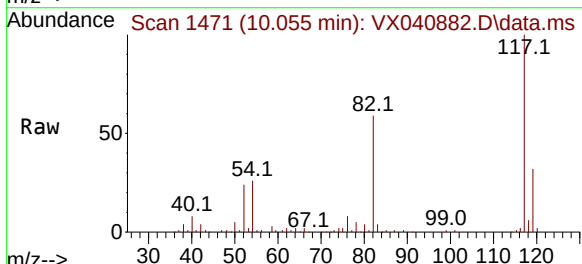
Instrument :
MSVOA_X
ClientSampleId :
SOIL-1

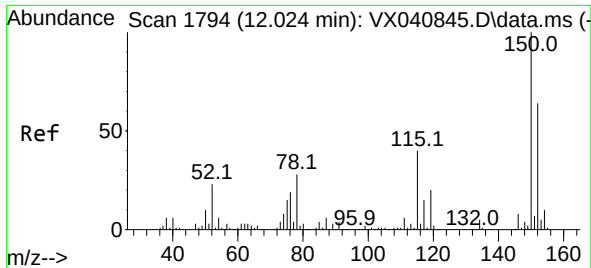
Tgt Ion: 95 Resp: 41177
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 68.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040882.D
Acq: 04 Apr 2024 12:55

Tgt Ion: 117 Resp: 77921
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040882.D

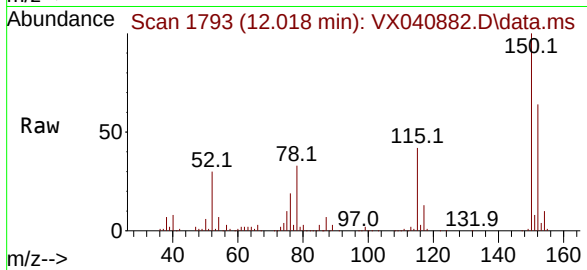
Acq: 04 Apr 2024 12:55

Instrument :

MSVOA_X

ClientSampleId :

SOIL-1



Tgt Ion:152 Resp: 41261

Ion Ratio Lower Upper

152 100

115 63.7 43.3 129.9

150 156.9 0.0 345.0

