

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040812.D
 Acq On : 27 Mar 2024 14:47
 Operator : JC/MD
 Sample : P1869-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-3

Quant Time: Mar 28 03:55:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

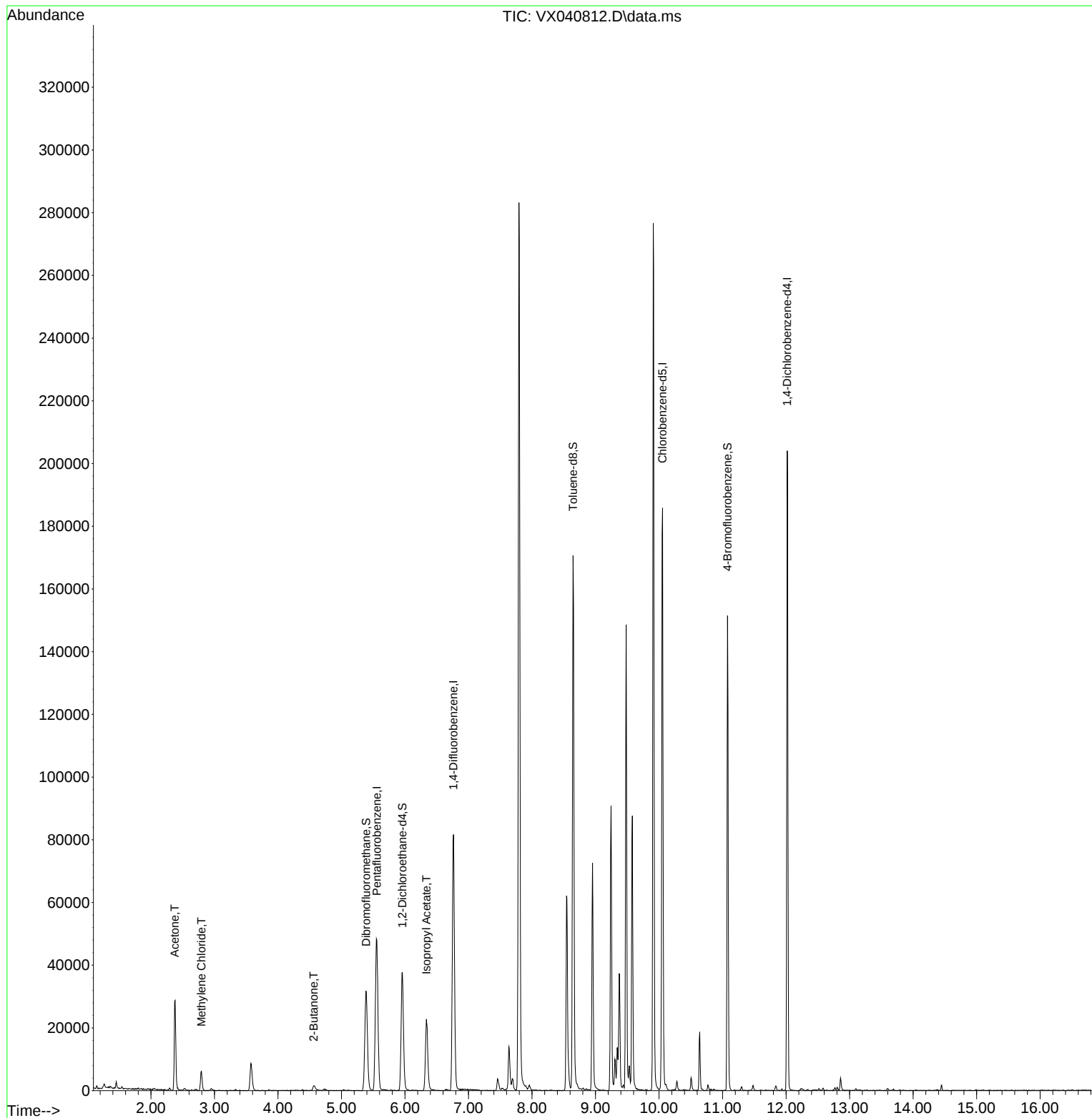
Internal Standards						
1) Pentafluorobenzene	5.556	168	42974	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	78309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37062	51.291	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.580%
35) Dibromofluoromethane	5.385	113	26788	45.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.647	98	99761	49.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.079	95	36931	46.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.180%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	31811	124.289	ug/l	98
20) Methylene Chloride	2.794	84	2866	5.123	ug/l	93
25) 2-Butanone	4.562	43	3167	7.900	ug/l	99
43) Isopropyl Acetate	6.336	43	32066	20.844	ug/l	97

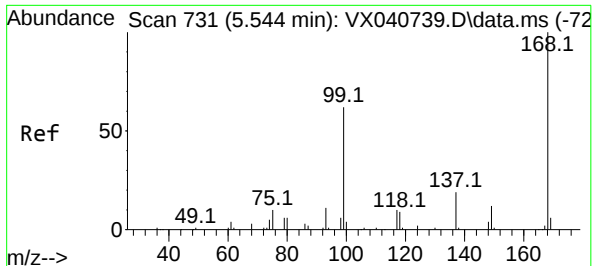
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
Data File : VX040812.D
Acq On : 27 Mar 2024 14:47
Operator : JC/MD
Sample : P1869-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SOIL-3

Quant Time: Mar 28 03:55:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

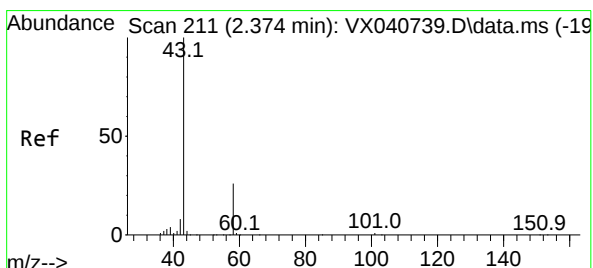
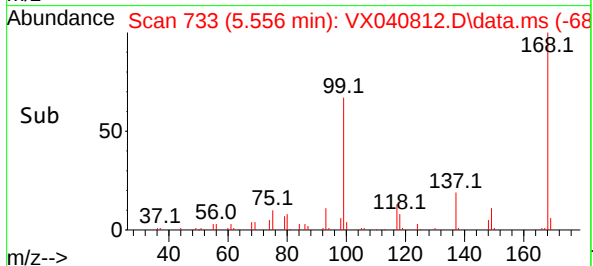
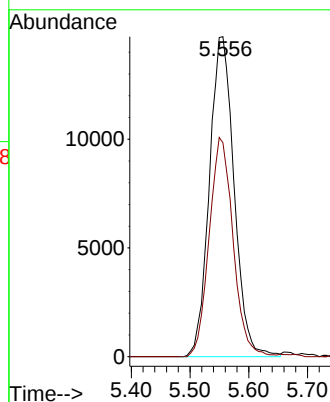
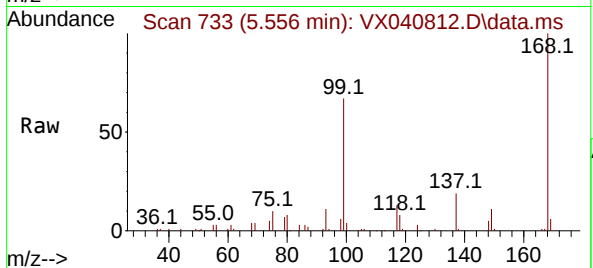




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX040812.D
Acq: 27 Mar 2024 14:47

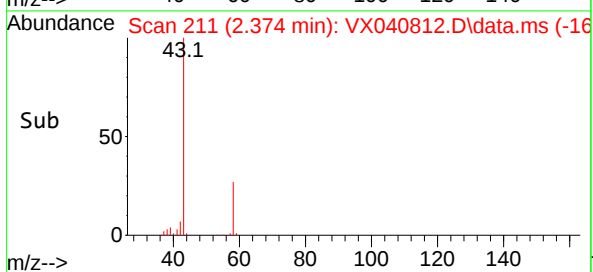
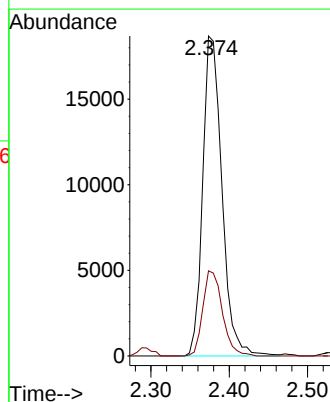
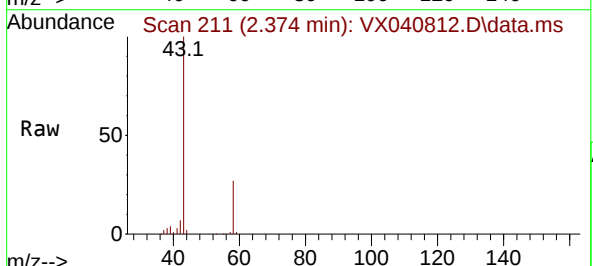
Instrument :
MSVOA_X
ClientSampleId :
SOIL-3

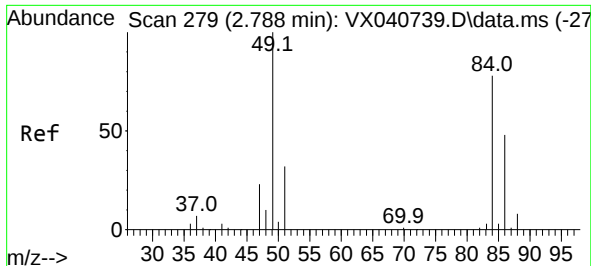
Tgt Ion:168 Resp: 42974
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#16
Acetone
Concen: 124.289 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040812.D
Acq: 27 Mar 2024 14:47

Tgt Ion: 43 Resp: 31811
Ion Ratio Lower Upper
43 100
58 26.6 21.9 32.9

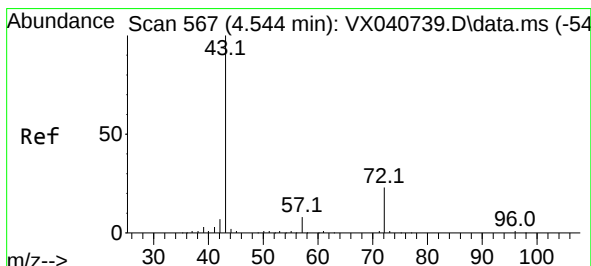
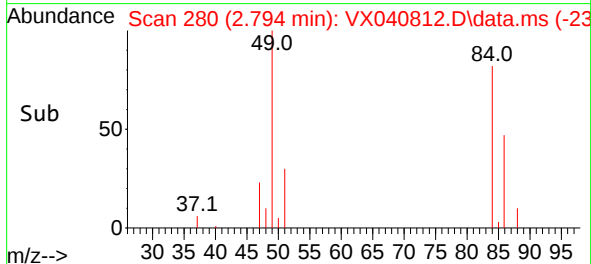
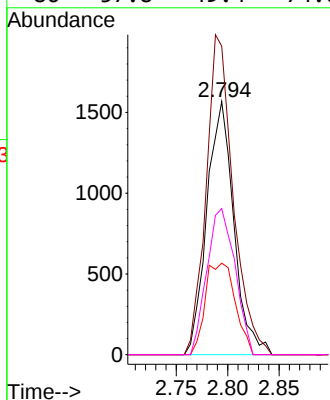
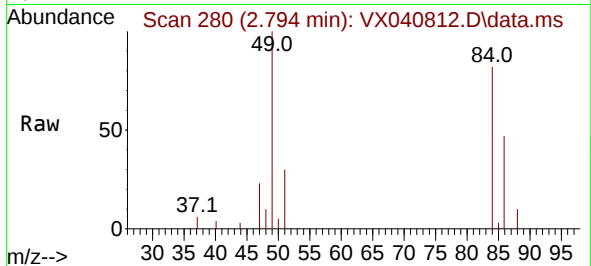




#20
Methylene Chloride
Concen: 5.123 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040812.D
Acq: 27 Mar 2024 14:47

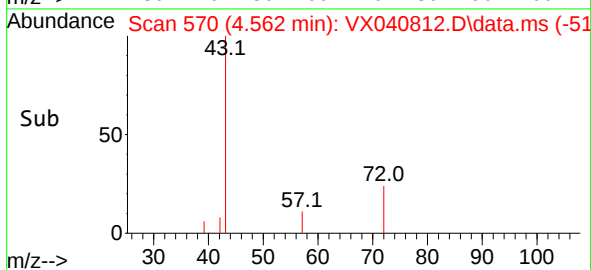
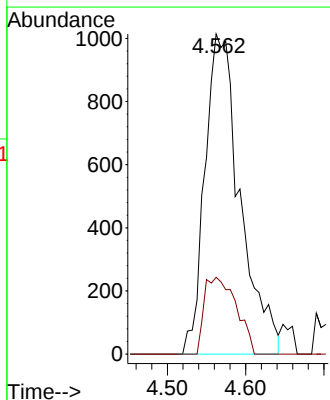
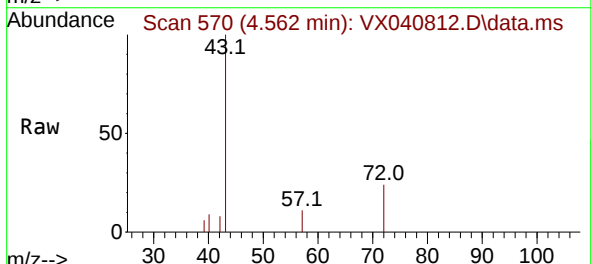
Instrument :
MSVOA_X
ClientSampleId :
SOIL-3

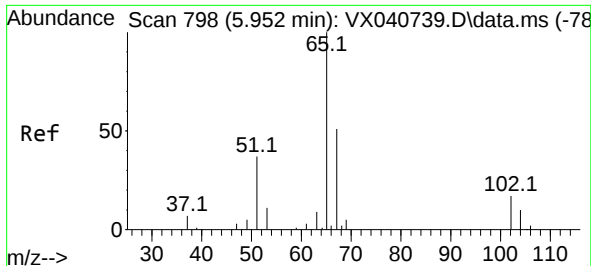
Tgt Ion: 84	Resp: 2866
Ion Ratio	Lower Upper
84 100	
49 121.9	103.6 155.4
51 36.2	33.8 50.6
86 57.8	49.4 74.0



#25
2-Butanone
Concen: 7.900 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.018 min
Lab File: VX040812.D
Acq: 27 Mar 2024 14:47

Tgt Ion: 43	Resp: 3167		
Ion Ratio	Lower	Upper	
43 100			
72 24.0	19.4	29.2	





#33

1,2-Dichloroethane-d4

Concen: 51.291 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040812.D

Acq: 27 Mar 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

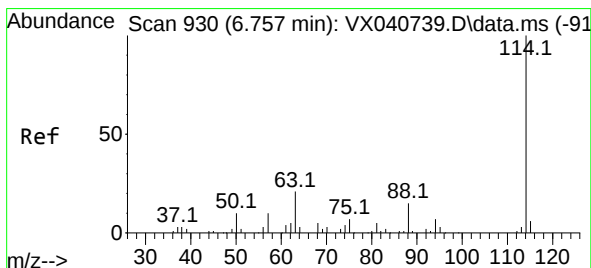
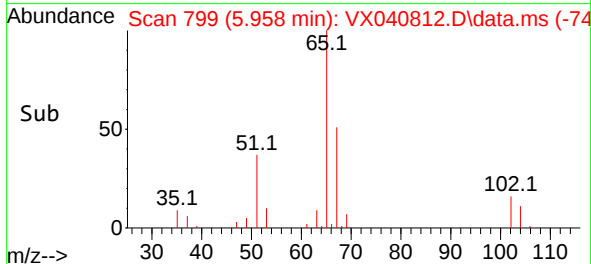
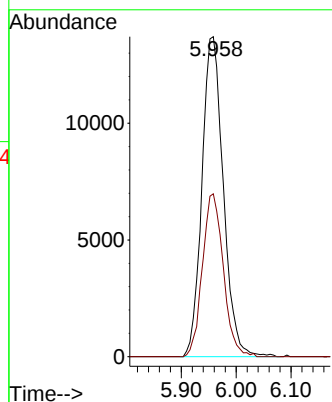
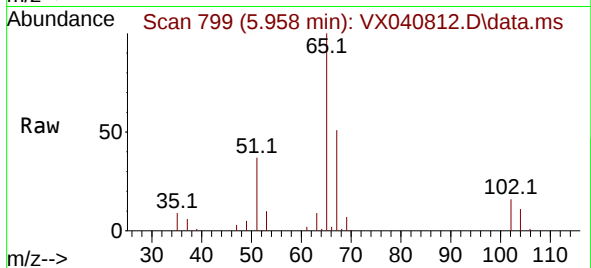
SOIL-3

Tgt Ion: 65 Resp: 37062

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040812.D

Acq: 27 Mar 2024 14:47

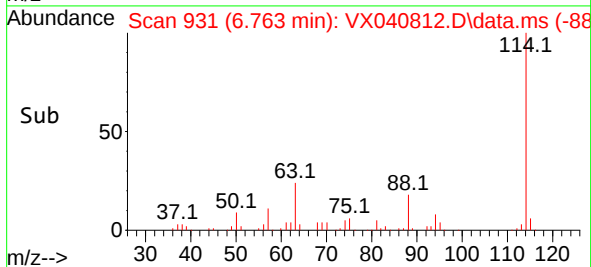
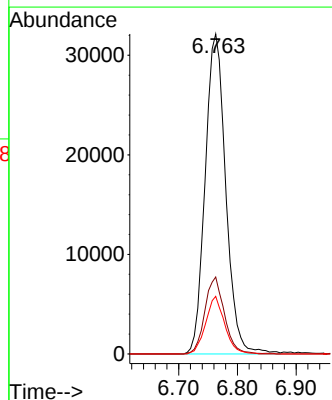
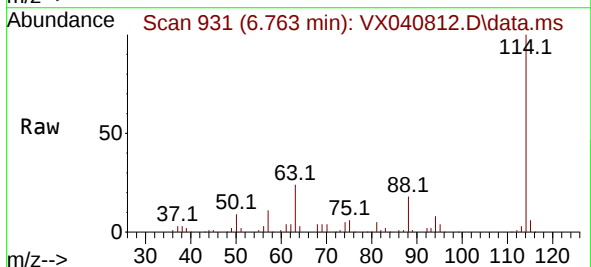
Tgt Ion: 114 Resp: 78309

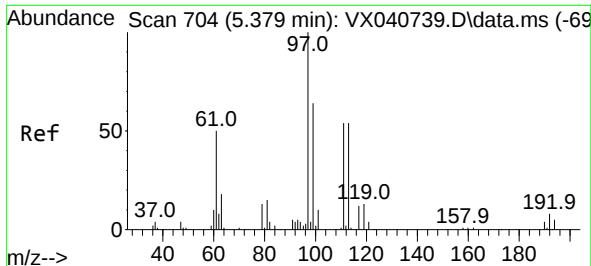
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 18.0 0.0 36.6

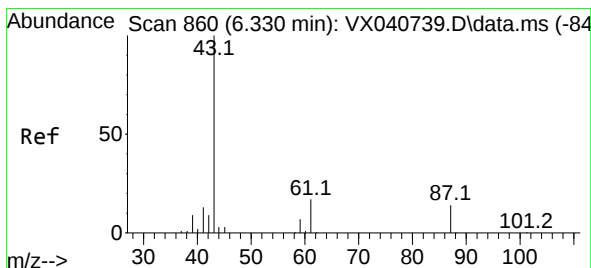
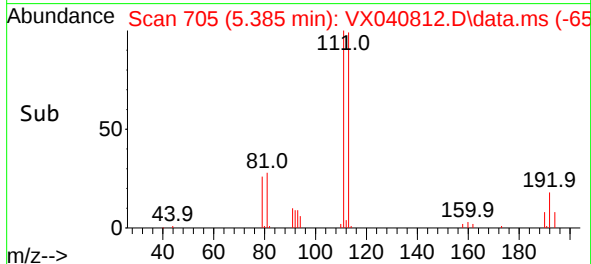
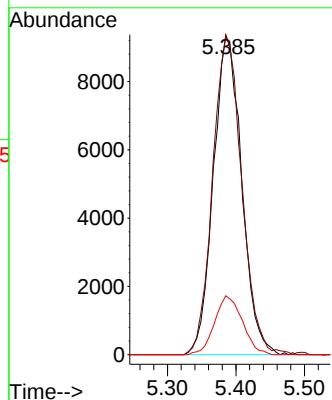
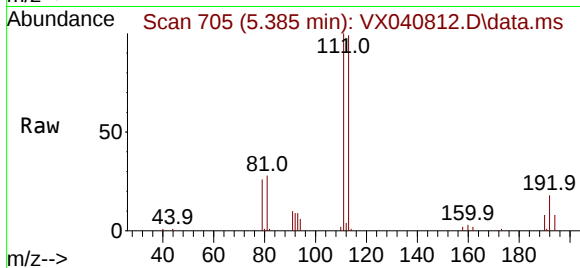




#35
Dibromofluoromethane
Concen: 45.717 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040812.D
Acq: 27 Mar 2024 14:47

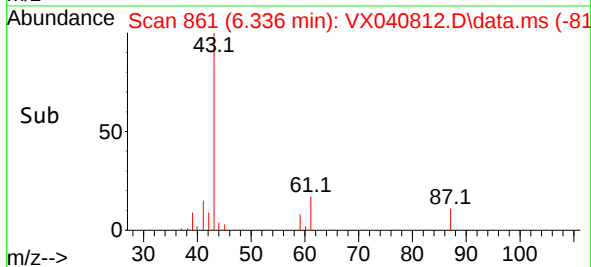
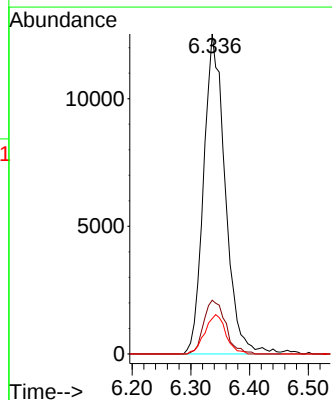
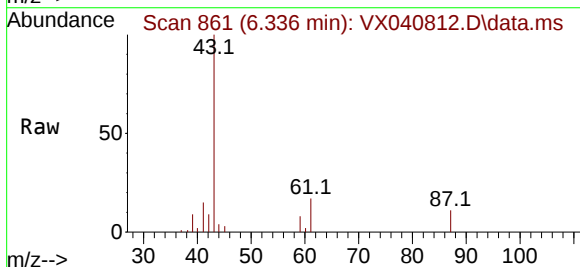
Instrument :
MSVOA_X
ClientSampleId :
SOIL-3

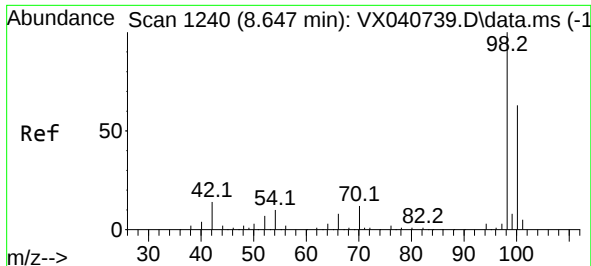
Tgt Ion:113 Resp: 26788
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.1 13.3 19.9



#43
Isopropyl Acetate
Concen: 20.844 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040812.D
Acq: 27 Mar 2024 14:47

Tgt Ion: 43 Resp: 32066
Ion Ratio Lower Upper
43 100
61 17.0 15.2 22.8
87 11.9 9.8 14.6

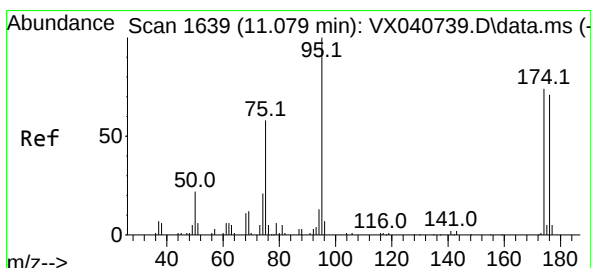
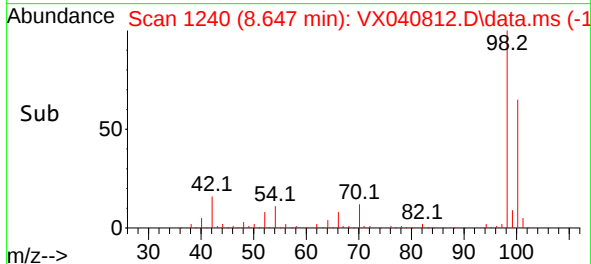
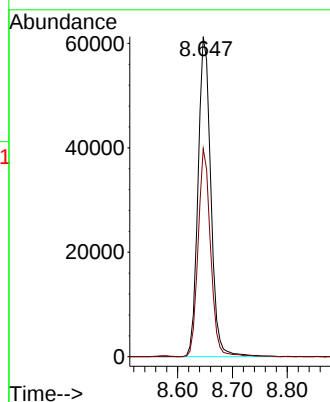
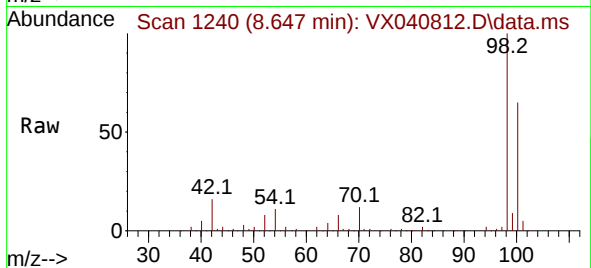




#50
Toluene-d8
Concen: 49.723 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040812.D
Acq: 27 Mar 2024 14:47

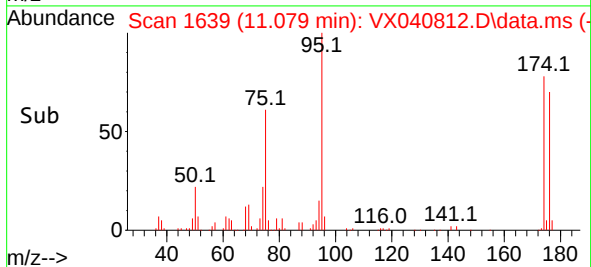
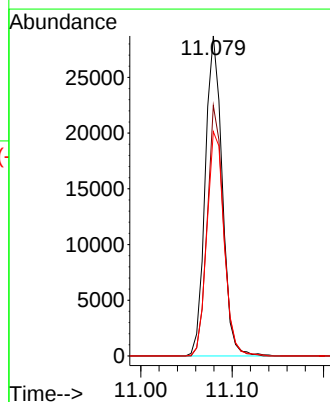
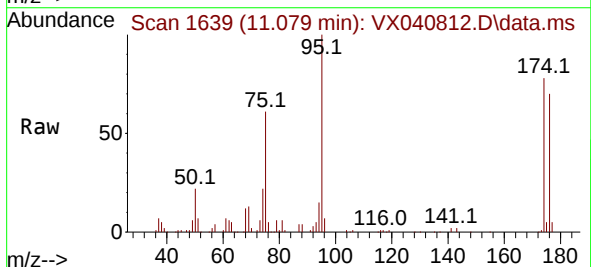
Instrument :
MSVOA_X
ClientSampleId :
SOIL-3

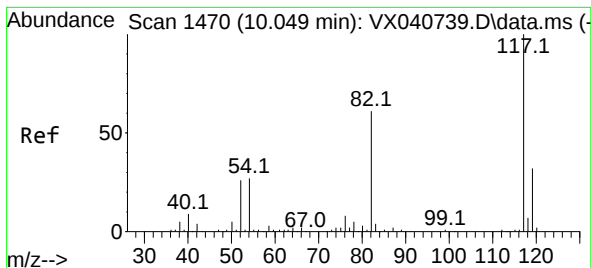
Tgt Ion: 98 Resp: 99761
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040812.D
Acq: 27 Mar 2024 14:47

Tgt Ion: 95 Resp: 36931
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 71.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX040812.D

Acq: 27 Mar 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

SOIL-3

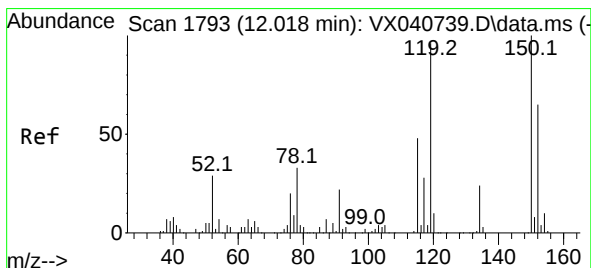
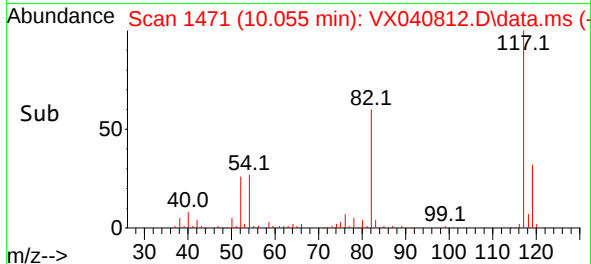
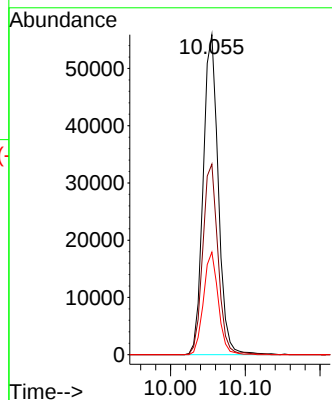
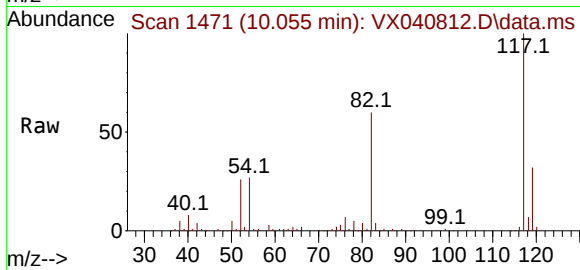
Tgt Ion:117 Resp: 78433

Ion Ratio Lower Upper

117 100

82 59.6 46.2 69.4

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX040812.D

Acq: 27 Mar 2024 14:47

Tgt Ion:152 Resp: 38688

Ion Ratio Lower Upper

152 100

115 61.2 43.3 129.9

150 156.5 0.0 345.0

