

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040811.D
 Acq On : 27 Mar 2024 14:24
 Operator : JC/MD
 Sample : P1869-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-2

Quant Time: Mar 28 03:55:14 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)

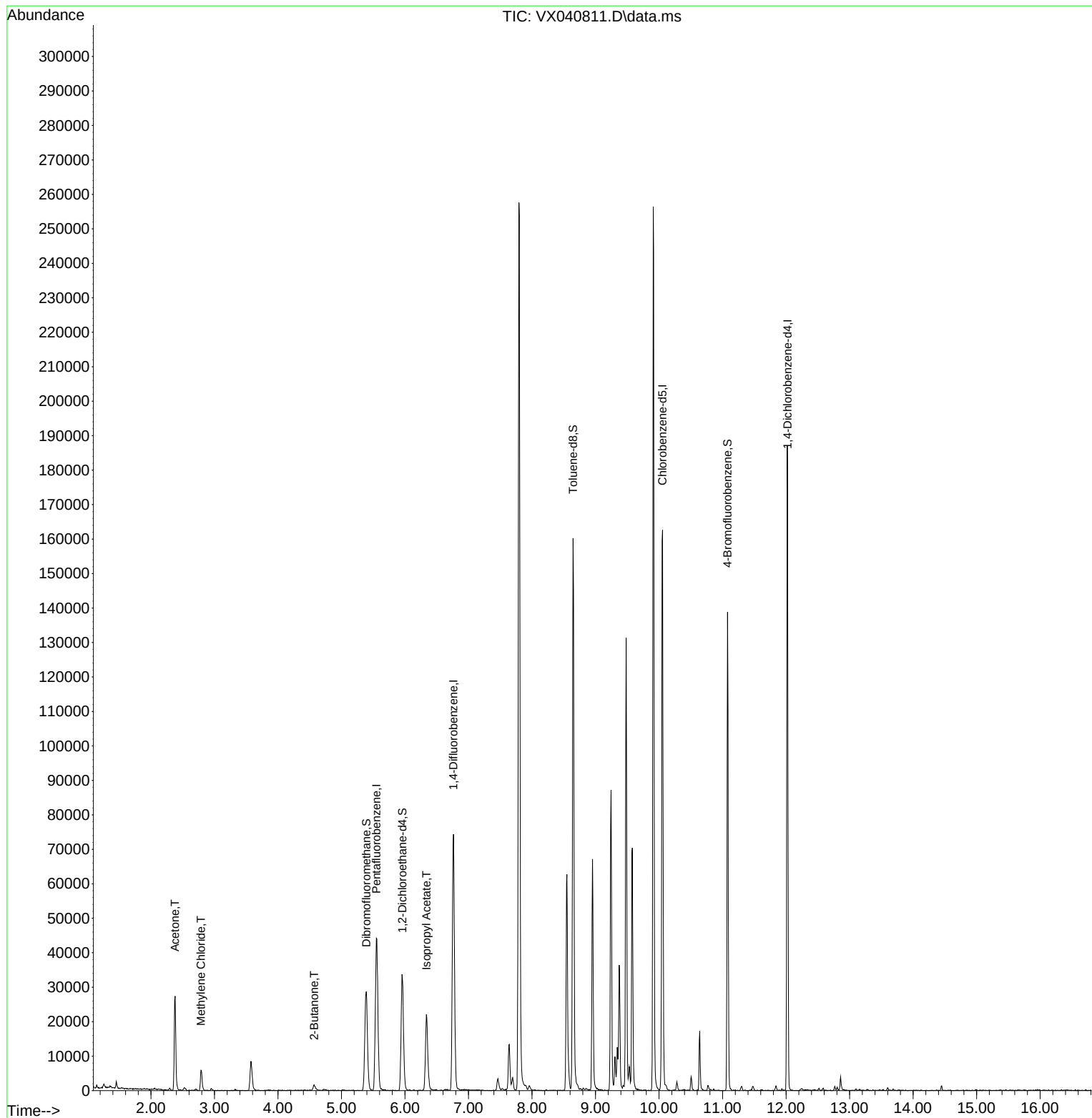
Internal Standards						
1) Pentafluorobenzene	5.550	168	38857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	71133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	68810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	33537	51.330	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.660%
35) Dibromofluoromethane	5.391	113	24623	46.262	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.647	98	91194	50.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	34184	47.475	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.960%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	30215	130.561	ug/l	100
20) Methylene Chloride	2.788	84	2635	5.209	ug/l	94
25) 2-Butanone	4.568	43	3366	9.286	ug/l	90
43) Isopropyl Acetate	6.336	43	30150	21.575	ug/l	97

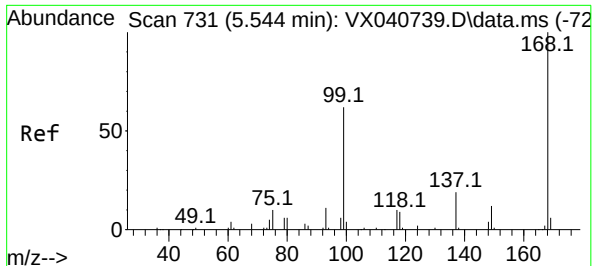
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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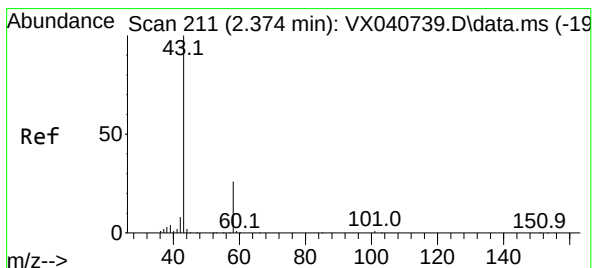
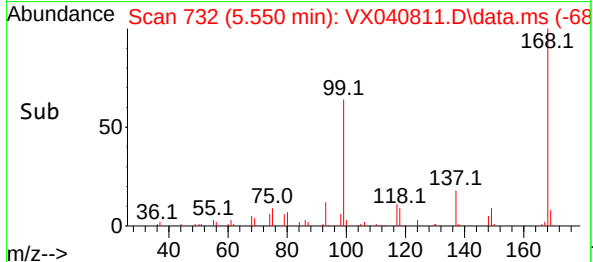
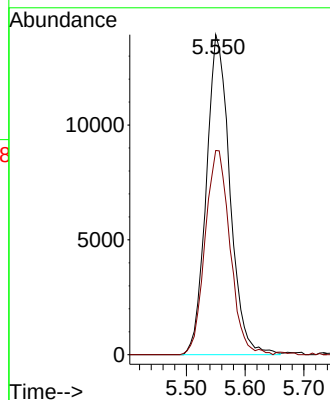
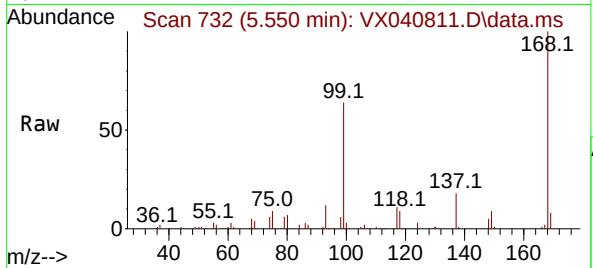




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040811.D
Acq: 27 Mar 2024 14:24

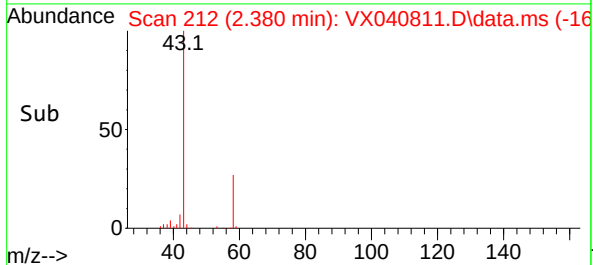
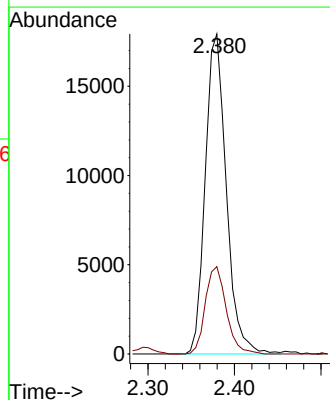
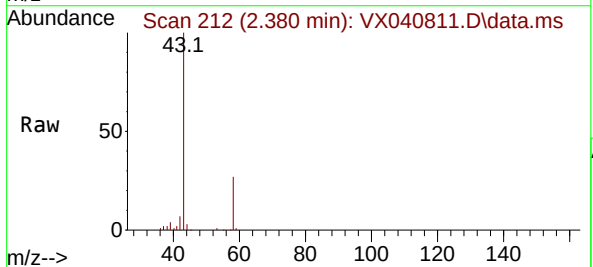
Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

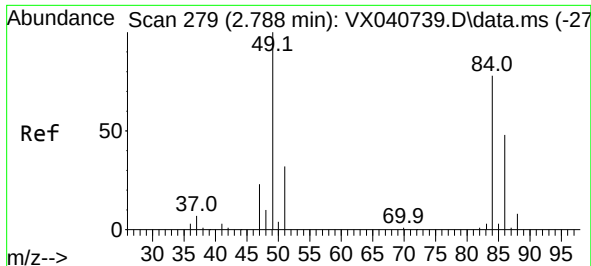
Tgt Ion:168 Resp: 38857
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#16
Acetone
Concen: 130.561 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040811.D
Acq: 27 Mar 2024 14:24

Tgt Ion: 43 Resp: 30215
Ion Ratio Lower Upper
43 100
58 27.3 21.9 32.9

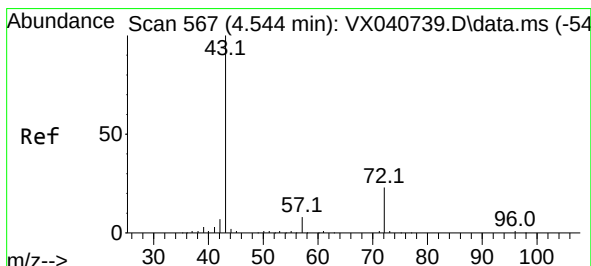
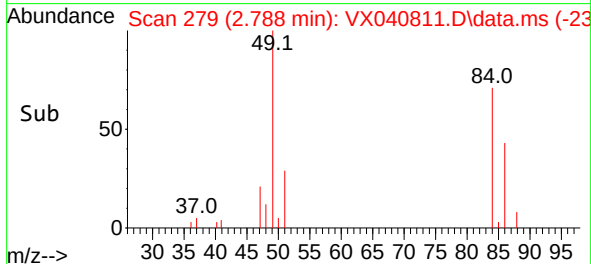
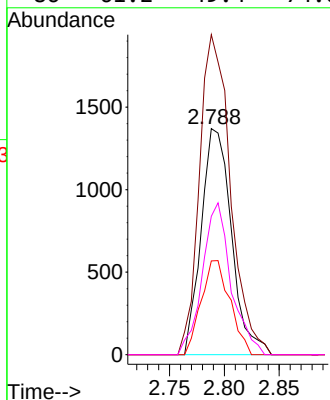
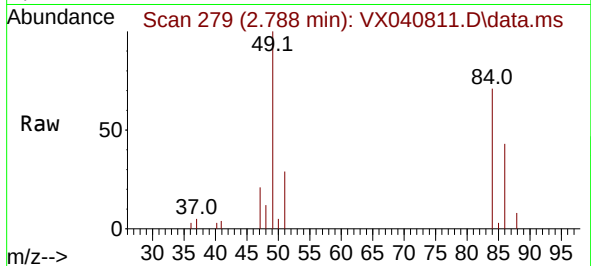




#20
Methylene Chloride
Concen: 5.209 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040811.D
Acq: 27 Mar 2024 14:24

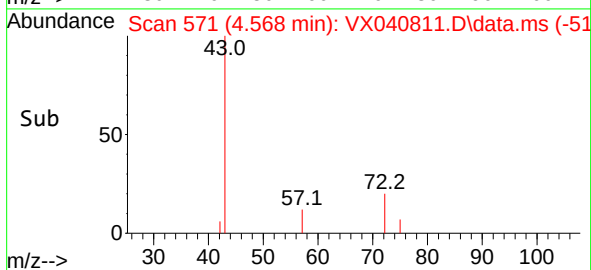
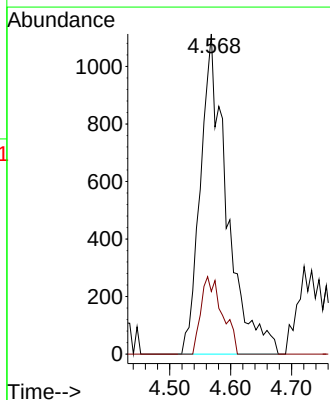
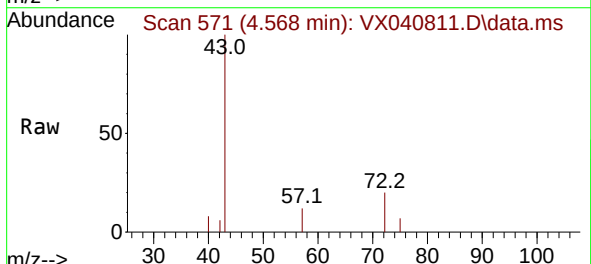
Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

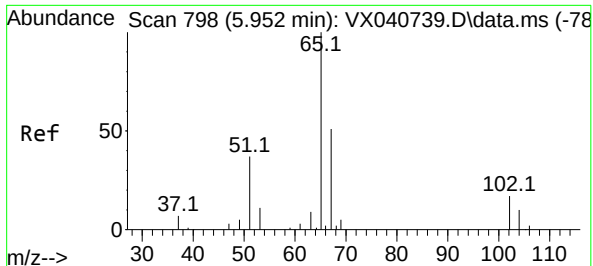
Tgt Ion:	84	Resp:	2635
Ion	Ratio	Lower	Upper
84	100		
49	141.5	103.6	155.4
51	41.5	33.8	50.6
86	61.2	49.4	74.0



#25
2-Butanone
Concen: 9.286 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.024 min
Lab File: VX040811.D
Acq: 27 Mar 2024 14:24

Tgt Ion:	43	Resp:	3366
Ion	Ratio	Lower	Upper
43	100		
72	19.6	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 51.330 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040811.D

Acq: 27 Mar 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

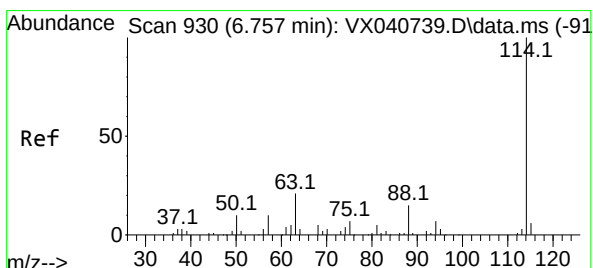
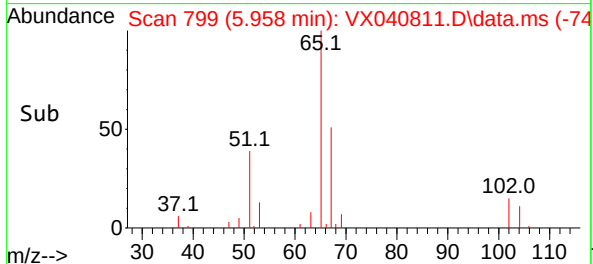
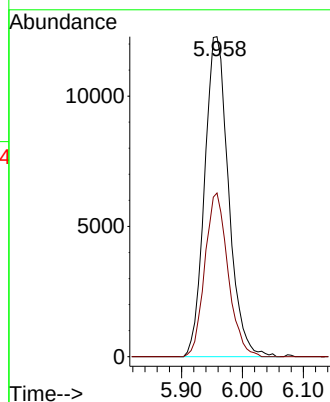
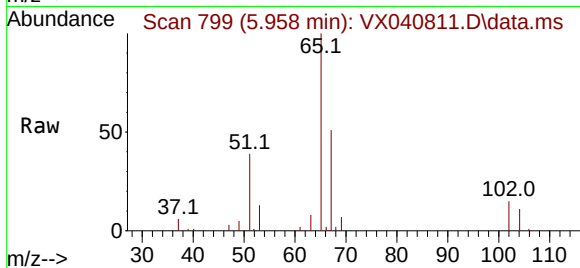
SOIL-2

Tgt Ion: 65 Resp: 33537

Ion Ratio Lower Upper

65 100

67 49.6 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: VX040811.D

Acq: 27 Mar 2024 14:24

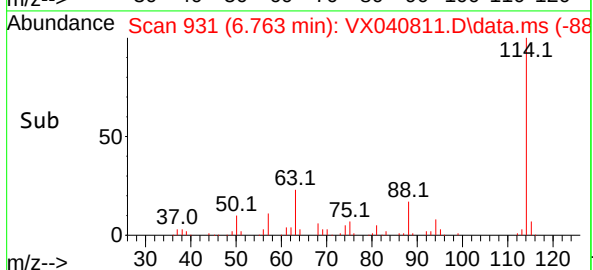
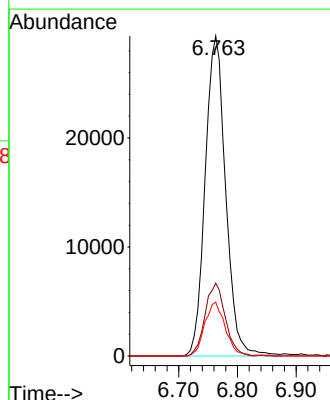
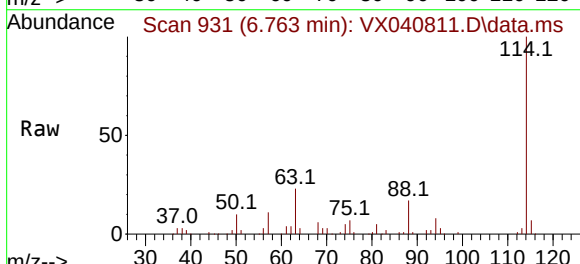
Tgt Ion: 114 Resp: 71133

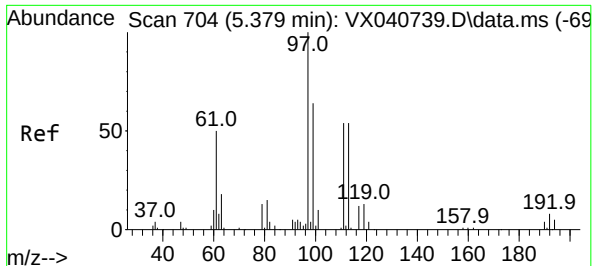
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.262 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX040811.D

Acq: 27 Mar 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

SOIL-2

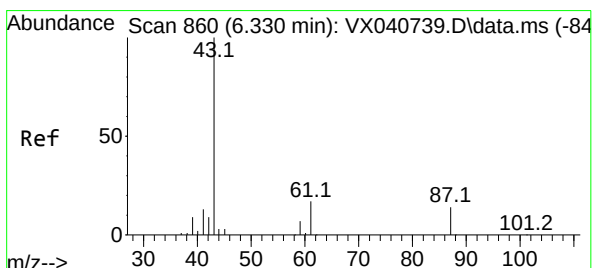
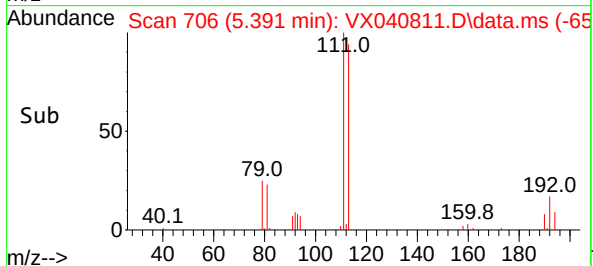
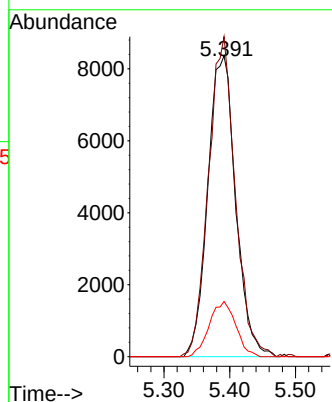
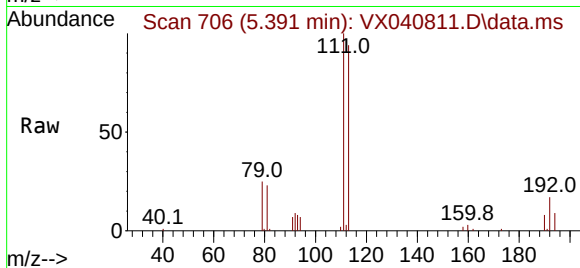
Tgt Ion:113 Resp: 24623

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 17.5 13.3 19.9



#43

Isopropyl Acetate

Concen: 21.575 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX040811.D

Acq: 27 Mar 2024 14:24

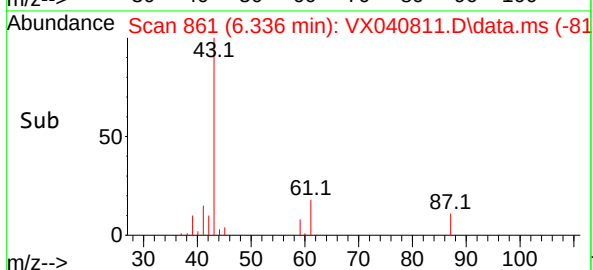
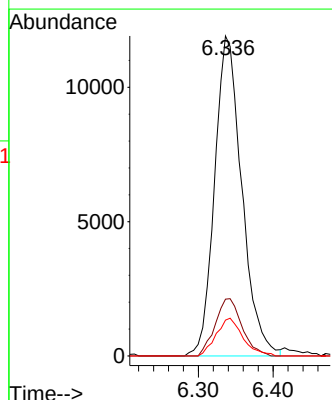
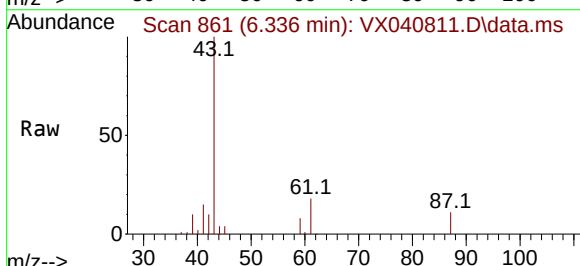
Tgt Ion: 43 Resp: 30150

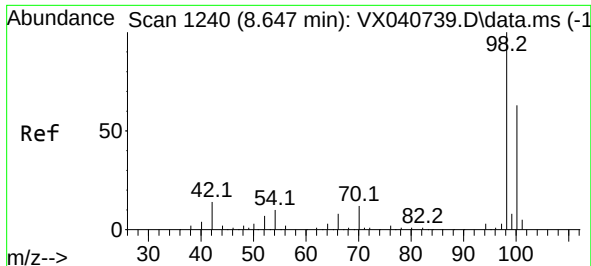
Ion Ratio Lower Upper

43 100

61 17.6 15.2 22.8

87 11.6 9.8 14.6

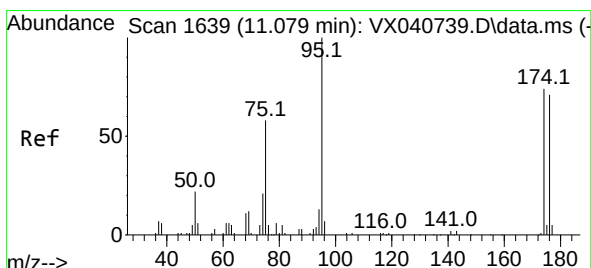
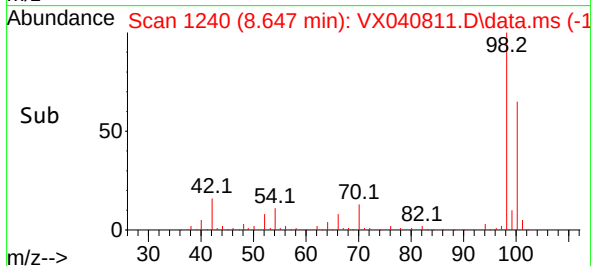
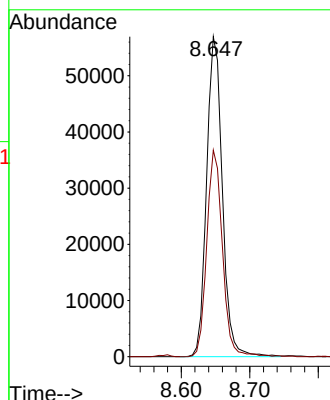
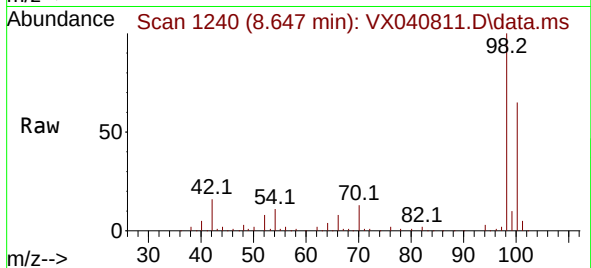




#50
Toluene-d8
Concen: 50.038 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040811.D
Acq: 27 Mar 2024 14:24

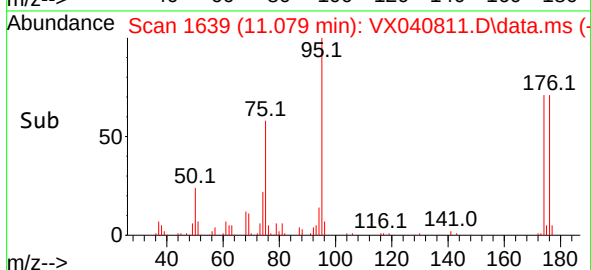
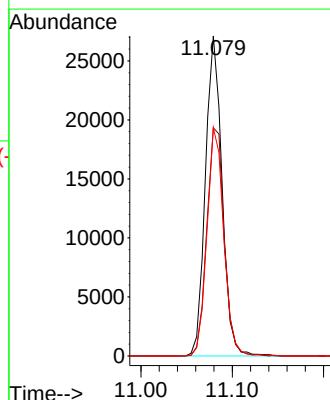
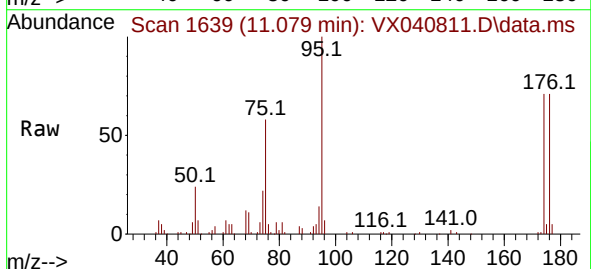
Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

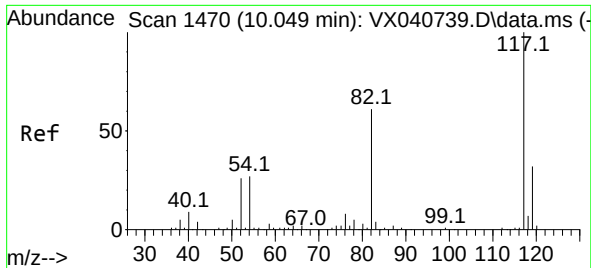
Tgt Ion: 98 Resp: 91194
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.475 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040811.D
Acq: 27 Mar 2024 14:24

Tgt Ion: 95 Resp: 34184
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.9 0.0 131.0

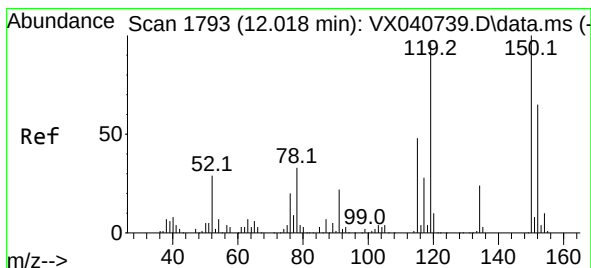
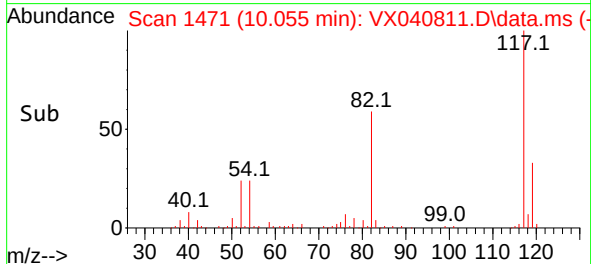
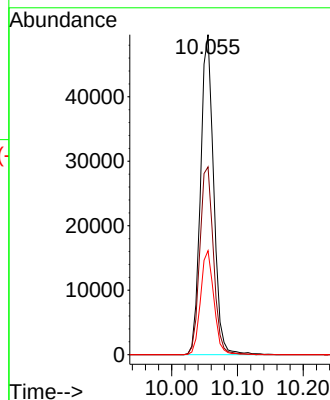
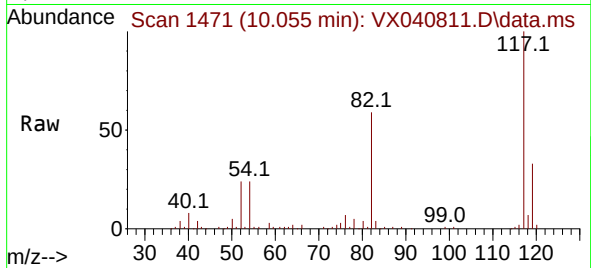




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040811.D
Acq: 27 Mar 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

Tgt Ion:117 Resp: 68810
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040811.D
Acq: 27 Mar 2024 14:24

Tgt Ion:152 Resp: 36102
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 153.0 0.0 345.0

