

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040813.D
 Acq On : 27 Mar 2024 15:10
 Operator : JC/MD
 Sample : P1869-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-4

Quant Time: Mar 28 03:56:03 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)

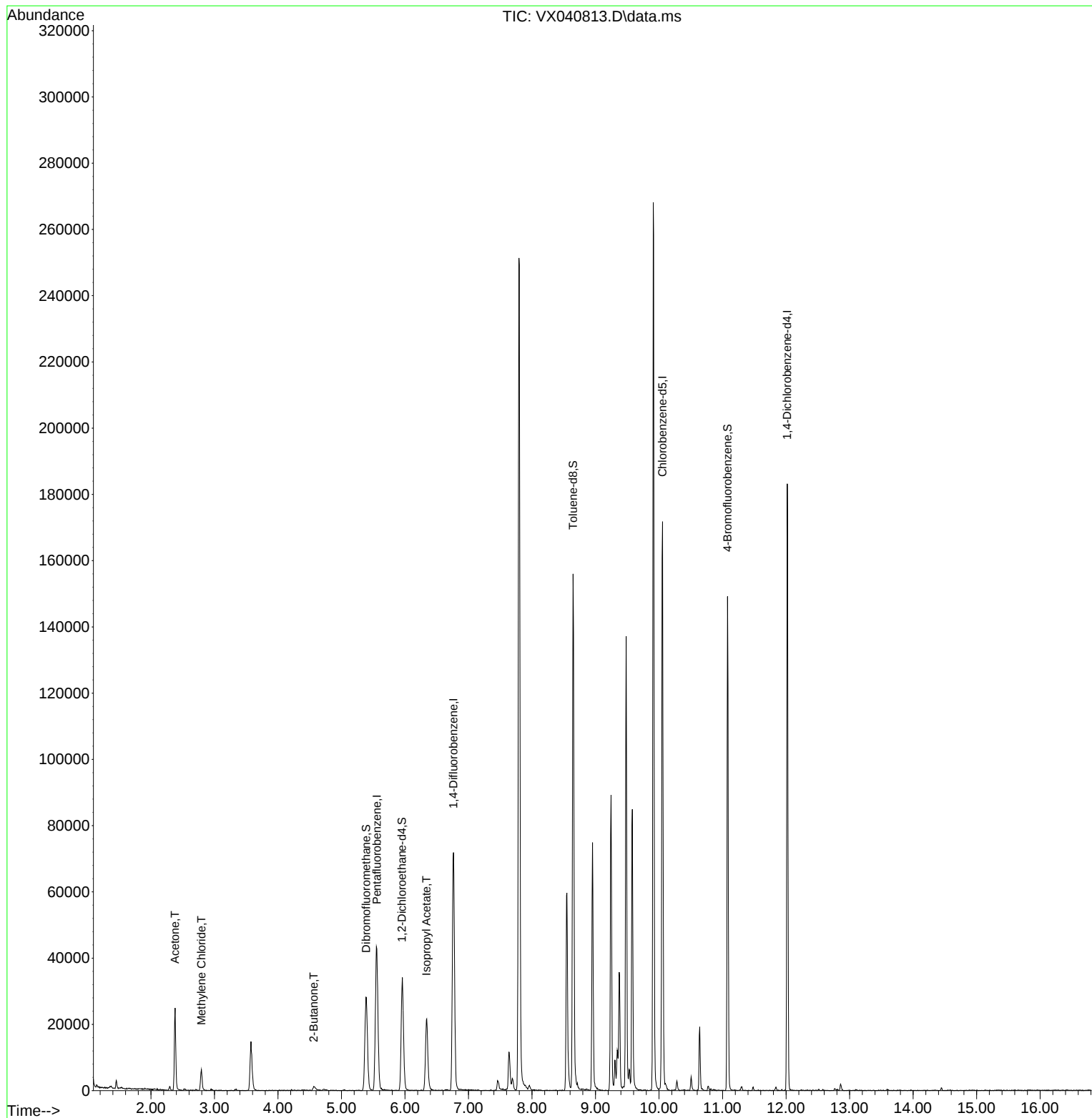
Internal Standards						
1) Pentafluorobenzene	5.556	168	37945	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	70838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	71561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	33521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	33481	52.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.960%
35) Dibromofluoromethane	5.385	113	23999	45.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.560%
50) Toluene-d8	8.647	98	89565	49.349	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	37829	52.756	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.520%
Target Compounds						
16) Acetone	2.379	43	25353	112.185	ug/l	Qvalue 96
20) Methylene Chloride	2.794	84	2708	5.482	ug/l #	92
25) 2-Butanone	4.562	43	2494	7.046	ug/l	98
43) Isopropyl Acetate	6.336	43	30804	22.135	ug/l	96

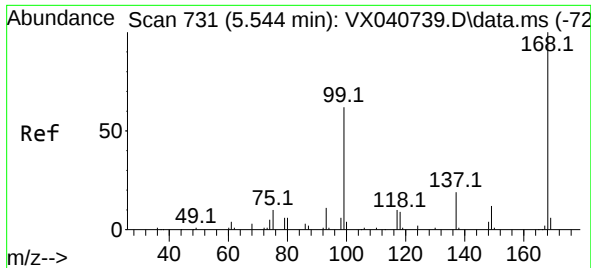
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

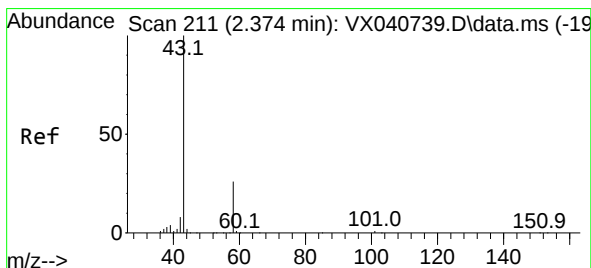
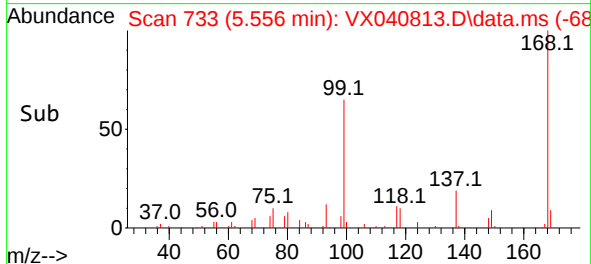
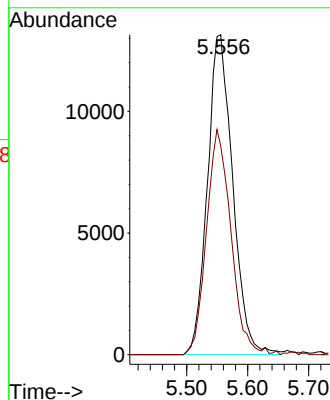
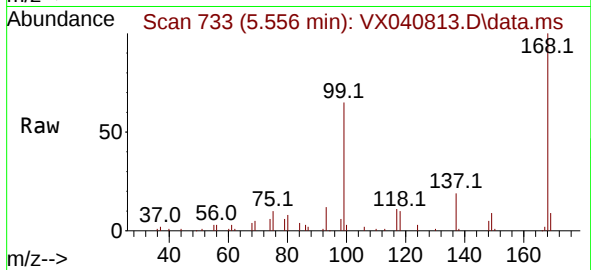




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX040813.D
Acq: 27 Mar 2024 15:10

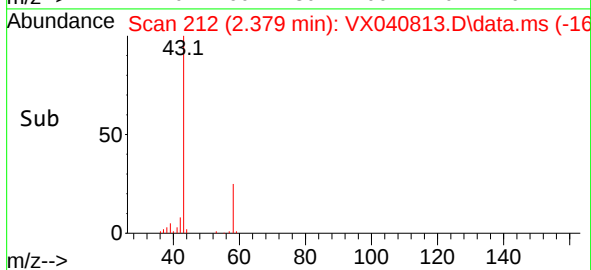
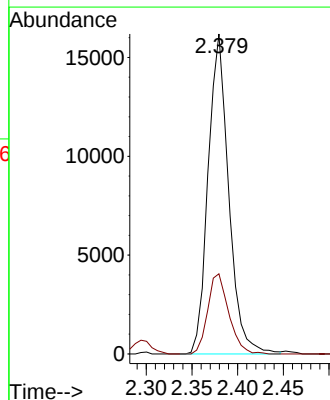
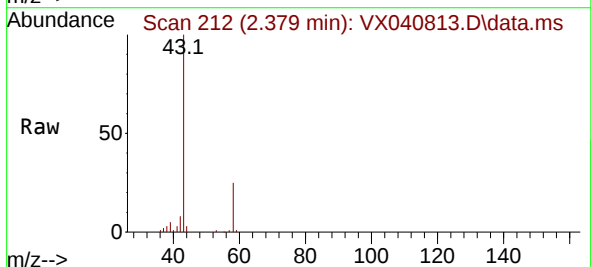
Instrument :
MSVOA_X
ClientSampleId :
SOIL-4

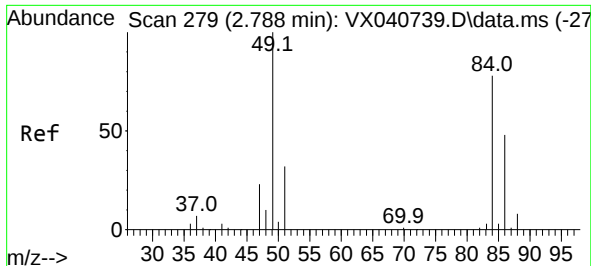
Tgt Ion:168 Resp: 37945
Ion Ratio Lower Upper
168 100
99 65.2 56.6 85.0



#16
Acetone
Concen: 112.185 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX040813.D
Acq: 27 Mar 2024 15:10

Tgt Ion: 43 Resp: 25353
Ion Ratio Lower Upper
43 100
58 25.1 21.9 32.9





#20

Methylene Chloride

Concen: 5.482 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040813.D

Acq: 27 Mar 2024 15:10

Instrument :

MSVOA_X

ClientSampleId :

SOIL-4

Tgt Ion: 84 Resp: 2708

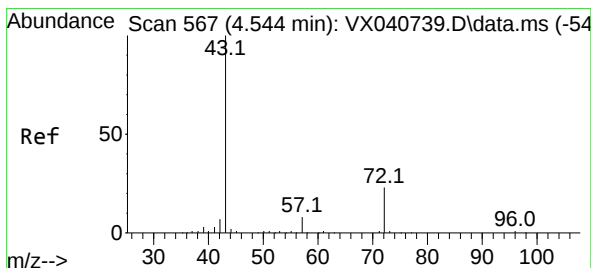
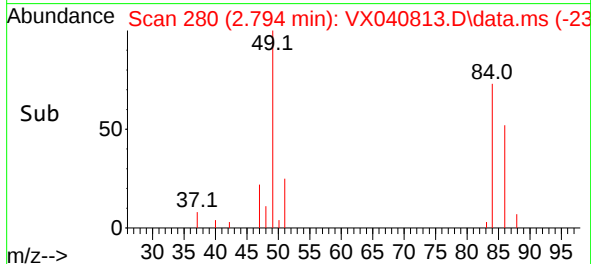
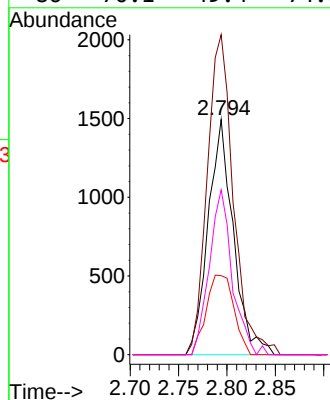
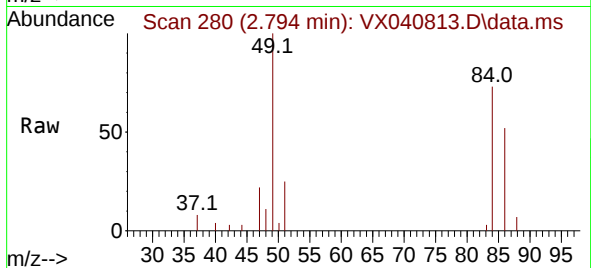
Ion Ratio Lower Upper

84 100

49 136.1 103.6 155.4

51 33.6 33.8 50.6#

86 70.1 49.4 74.0



#25

2-Butanone

Concen: 7.046 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.018 min

Lab File: VX040813.D

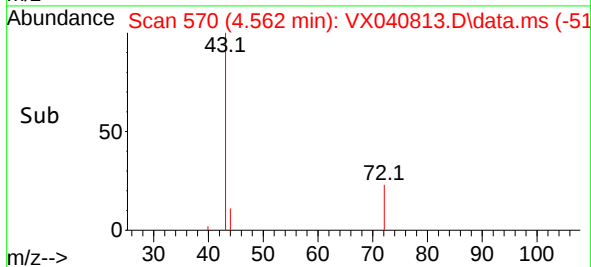
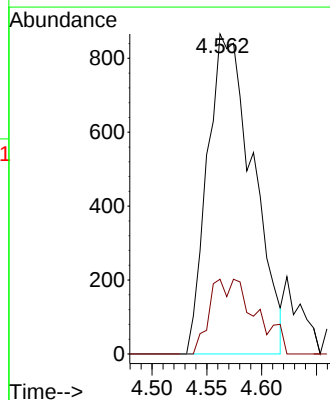
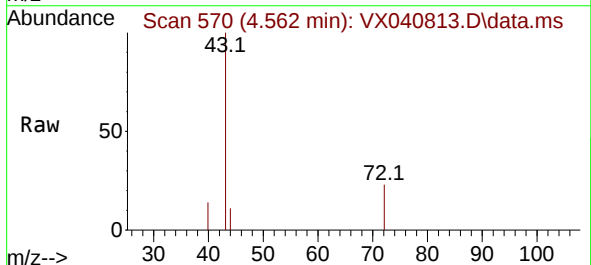
Acq: 27 Mar 2024 15:10

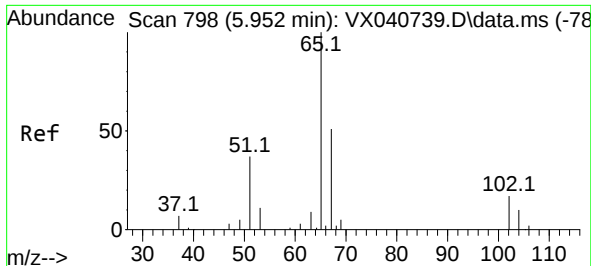
Tgt Ion: 43 Resp: 2494

Ion Ratio Lower Upper

43 100

72 23.3 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 52.476 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040813.D

Acq: 27 Mar 2024 15:10

Instrument :

MSVOA_X

ClientSampleId :

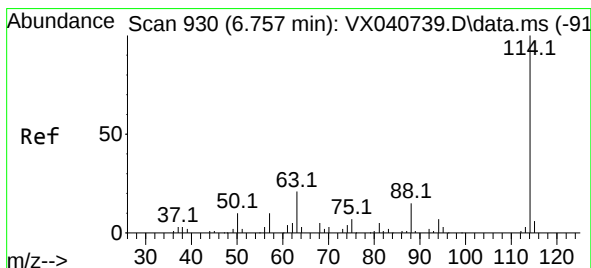
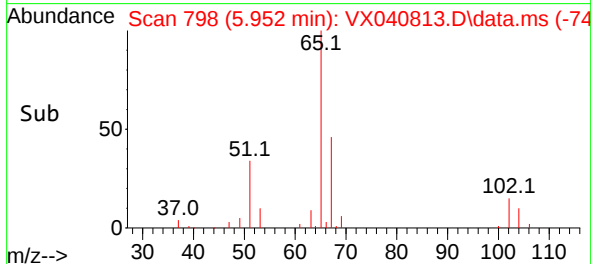
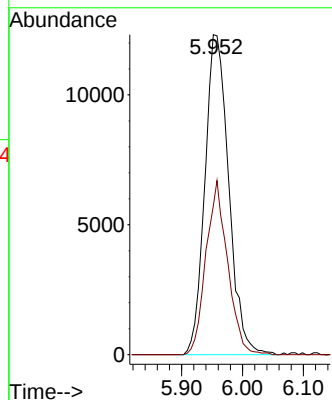
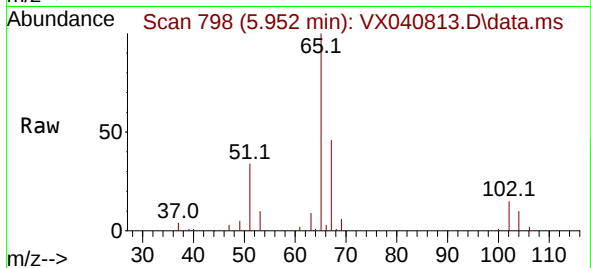
SOIL-4

Tgt Ion: 65 Resp: 33481

Ion Ratio Lower Upper

65 100

67 49.4 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: VX040813.D

Acq: 27 Mar 2024 15:10

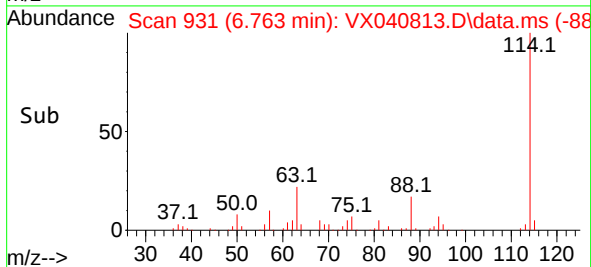
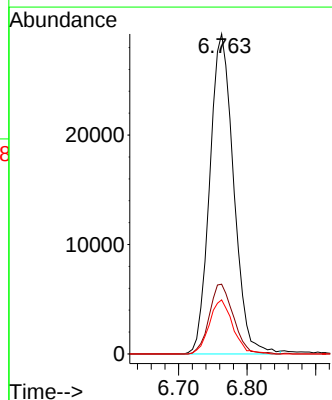
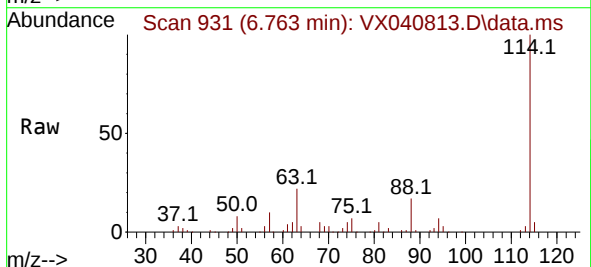
Tgt Ion: 114 Resp: 70838

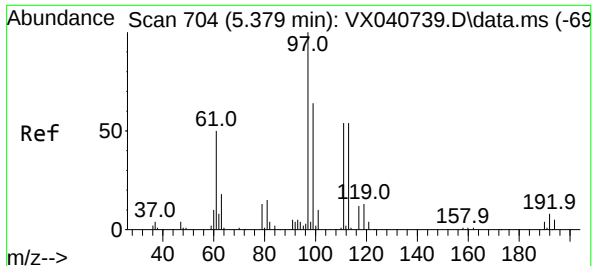
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.277 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040813.D

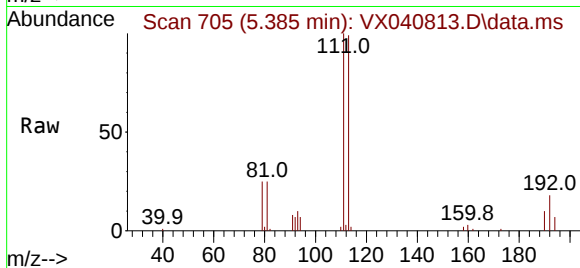
Acq: 27 Mar 2024 15:10

Instrument :

MSVOA_X

ClientSampleId :

SOIL-4



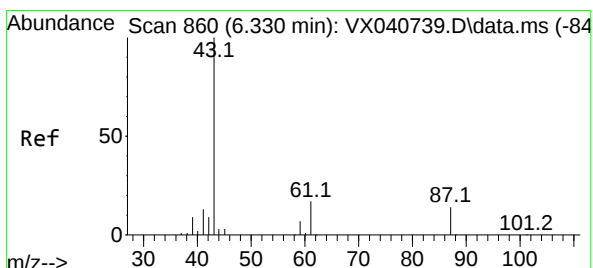
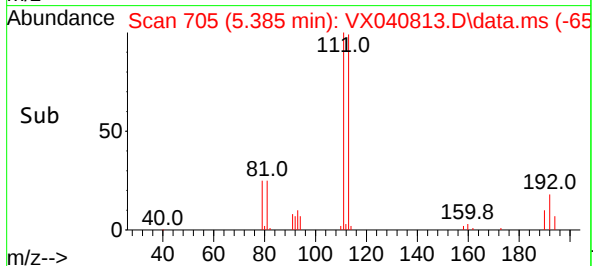
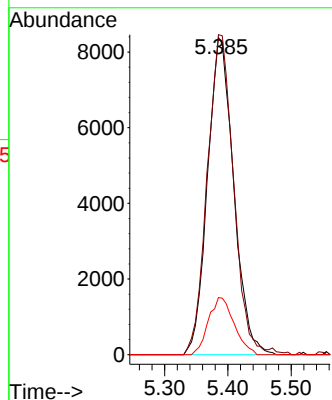
Tgt Ion:113 Resp: 23999

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

192 17.7 13.3 19.9



#43

Isopropyl Acetate

Concen: 22.135 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX040813.D

Acq: 27 Mar 2024 15:10

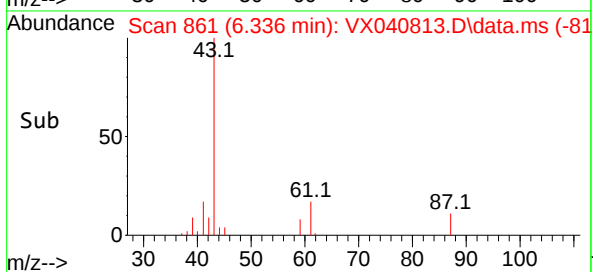
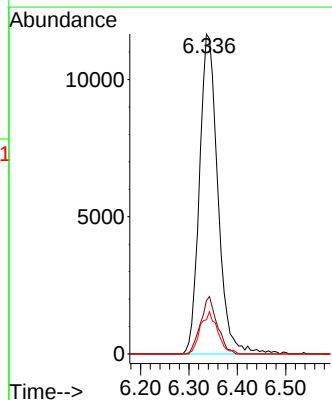
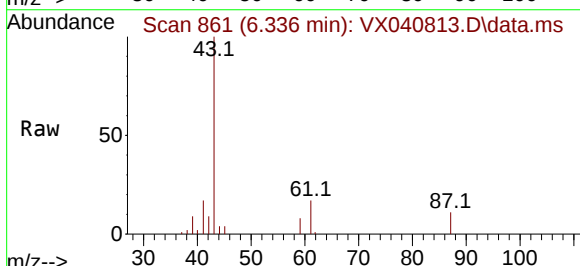
Tgt Ion: 43 Resp: 30804

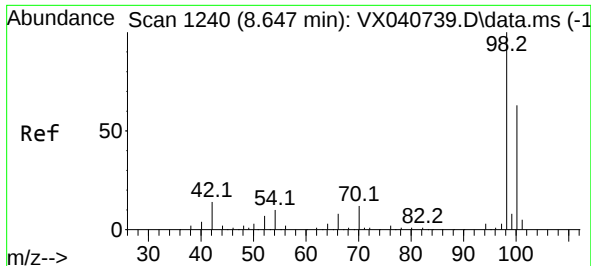
Ion Ratio Lower Upper

43 100

61 16.1 15.2 22.8

87 12.4 9.8 14.6

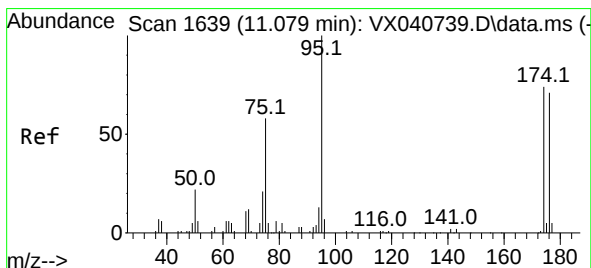
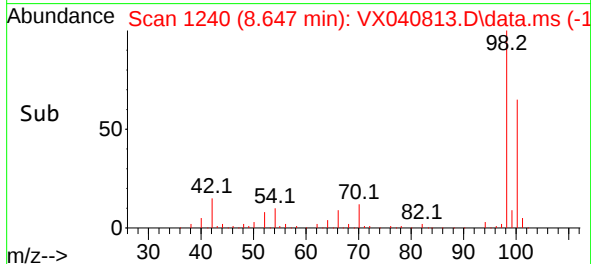
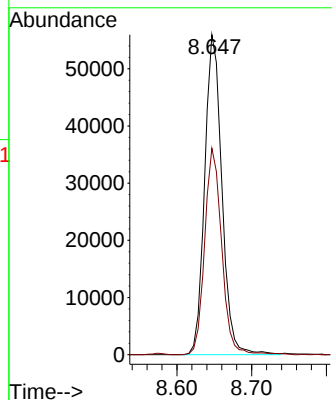
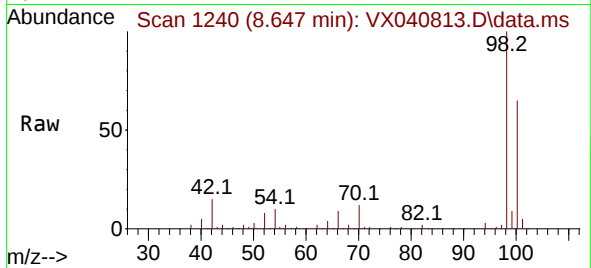




#50
Toluene-d8
Concen: 49.349 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040813.D
Acq: 27 Mar 2024 15:10

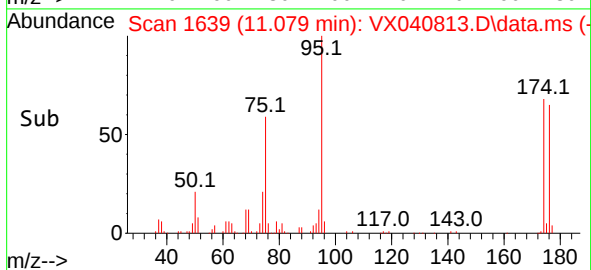
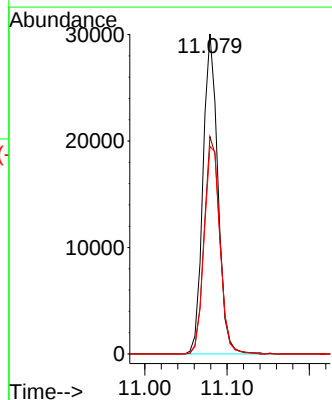
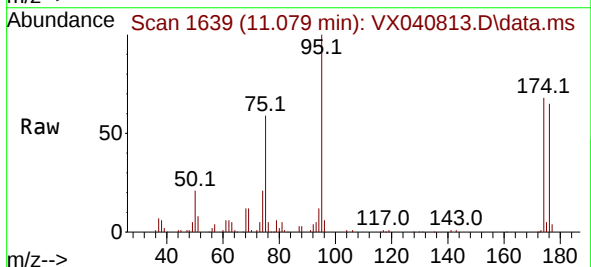
Instrument :
MSVOA_X
ClientSampleId :
SOIL-4

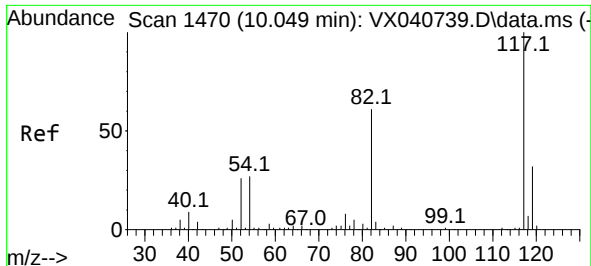
Tgt Ion: 98 Resp: 89565
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040813.D
Acq: 27 Mar 2024 15:10

Tgt Ion: 95 Resp: 37829
Ion Ratio Lower Upper
95 100
174 71.6 0.0 135.6
176 69.4 0.0 131.0

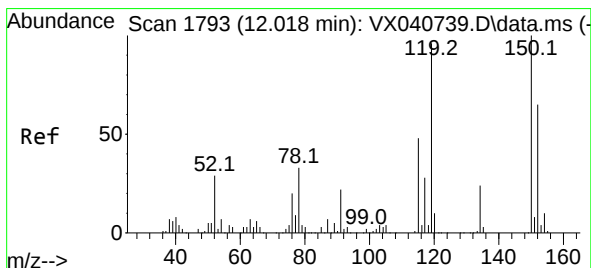
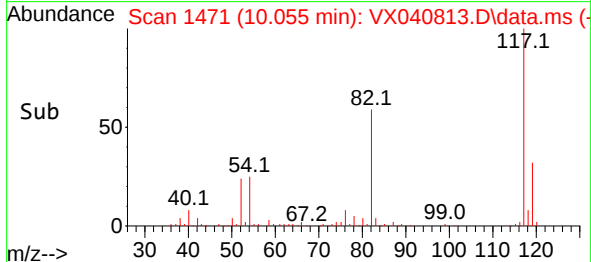
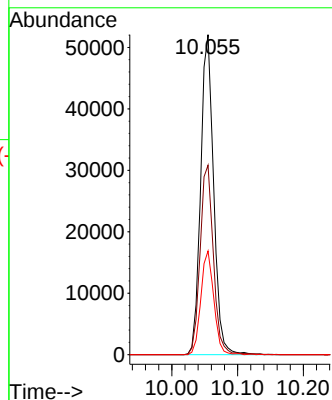
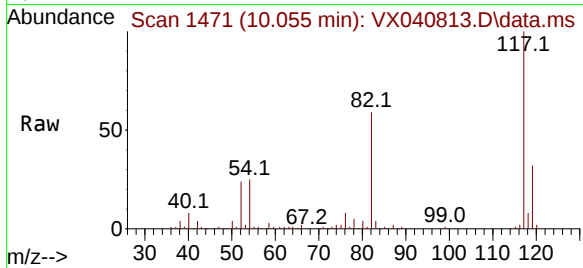




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040813.D
Acq: 27 Mar 2024 15:10

Instrument :
MSVOA_X
ClientSampleId :
SOIL-4

Tgt Ion:117 Resp: 71561
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.4 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: VX040813.D
Acq: 27 Mar 2024 15:10

Tgt Ion:152 Resp: 33521
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 162.0 0.0 345.0

