

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041162.D
 Acq On : 18 Apr 2024 14:30
 Operator : JC/MD
 Sample : P2151-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL

Quant Time: Apr 19 03:32:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

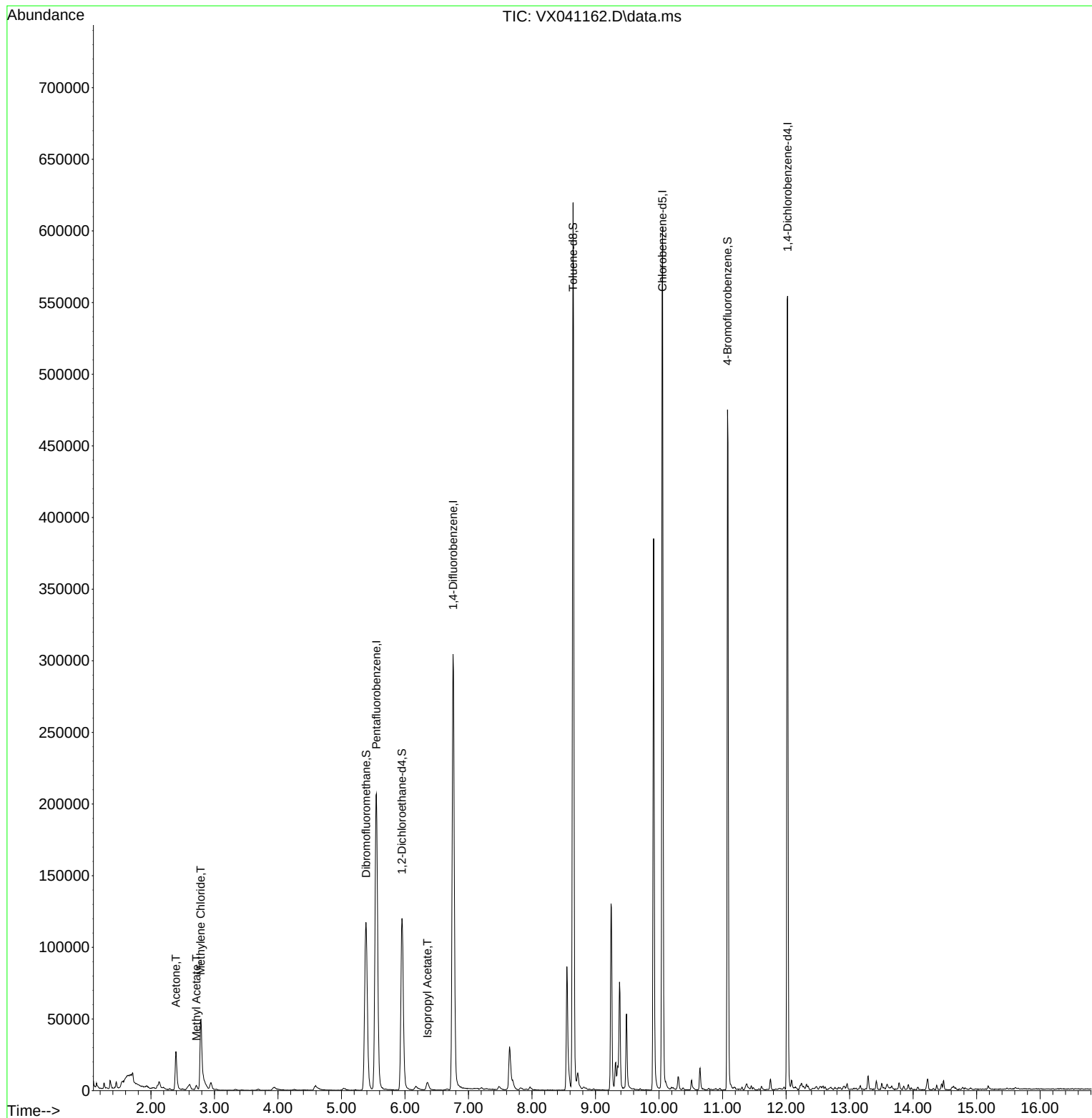
Internal Standards						
1) Pentafluorobenzene	5.550	168	232772	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	339142	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120709	48.032	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.060%
35) Dibromofluoromethane	5.385	113	104637	46.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	8.647	98	382943	48.257	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	122877	40.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.580%#
Target Compounds						
						Qvalue
16) Acetone	2.392	43	32619	30.880	ug/l	94
18) Methyl Acetate	2.715	43	4238	1.607	ug/l	100
20) Methylene Chloride	2.782	84	33523	14.873	ug/l #	89
43) Isopropyl Acetate	6.355	43	7945	1.562	ug/l	95

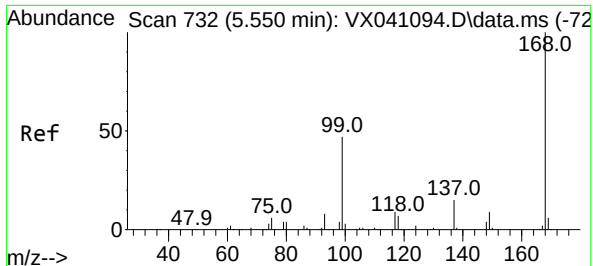
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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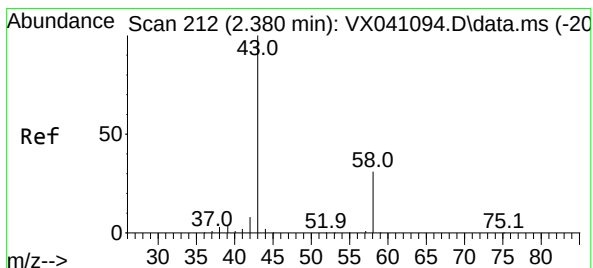
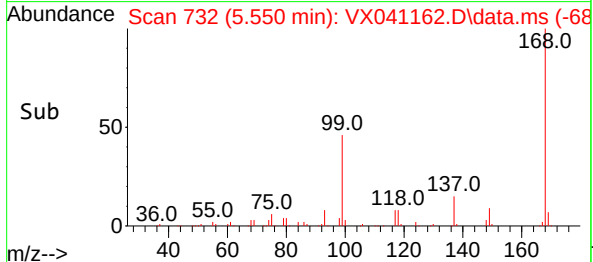
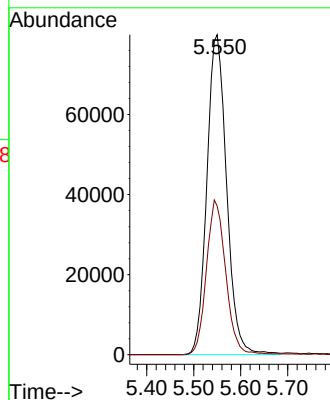
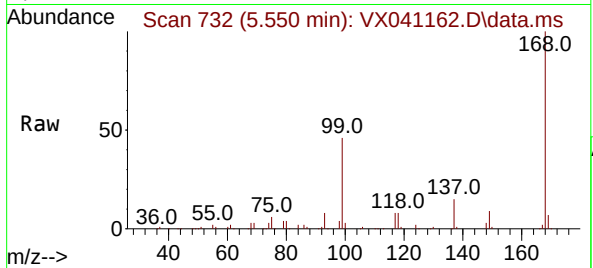




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041162.D
Acq: 18 Apr 2024 14:30

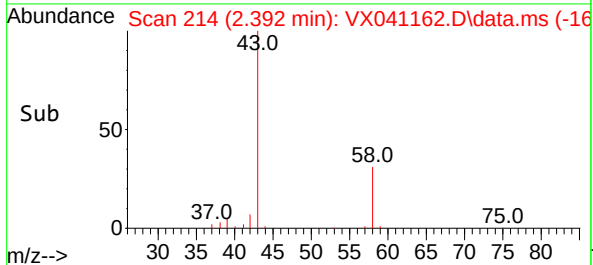
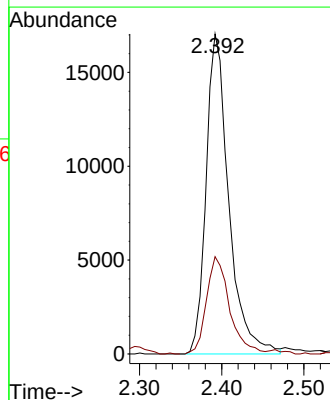
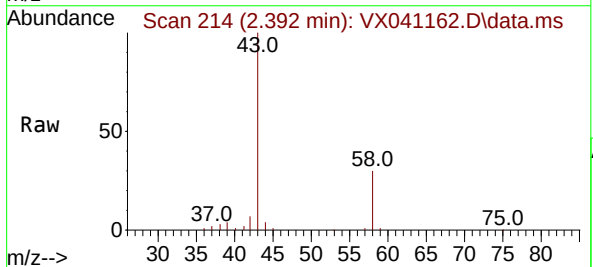
Instrument :
MSVOA_X
ClientSampleId :
SOIL

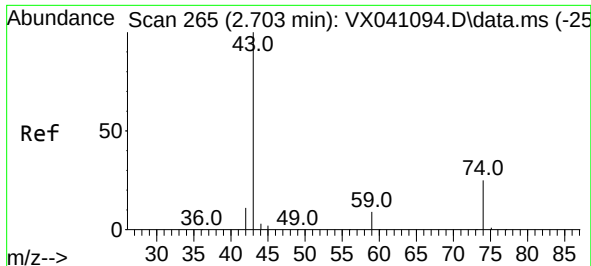
Tgt Ion:168 Resp: 232772
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#



#16
Acetone
Concen: 30.880 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX041162.D
Acq: 18 Apr 2024 14:30

Tgt Ion: 43 Resp: 32619
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





#18

Methyl Acetate

Concen: 1.607 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX041162.D

Acq: 18 Apr 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

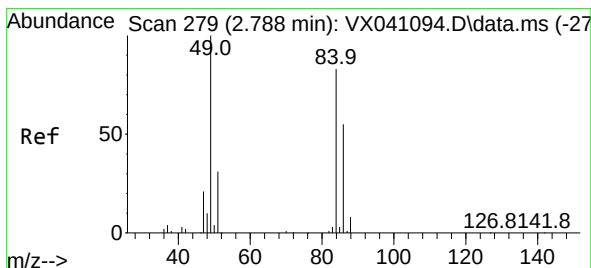
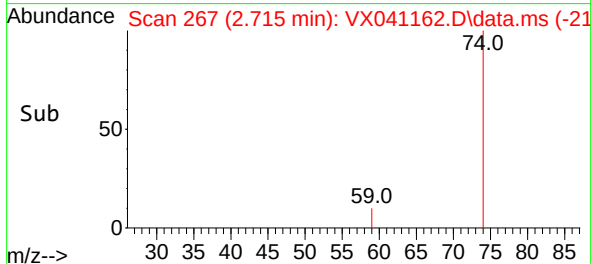
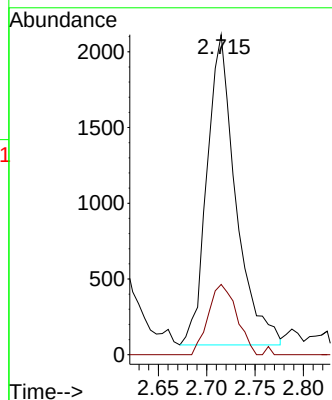
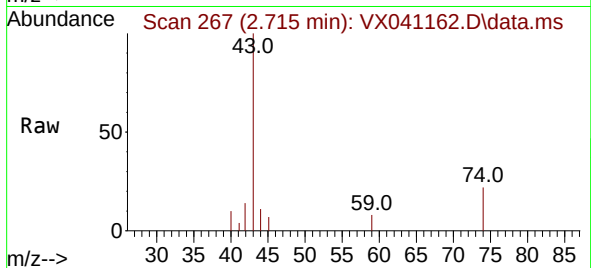
SOIL

Tgt Ion: 43 Resp: 4238

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.8



#20

Methylene Chloride

Concen: 14.873 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041162.D

Acq: 18 Apr 2024 14:30

Tgt Ion: 84 Resp: 33523

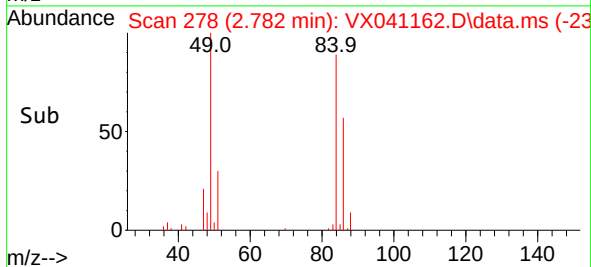
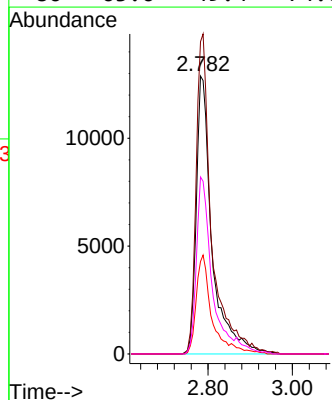
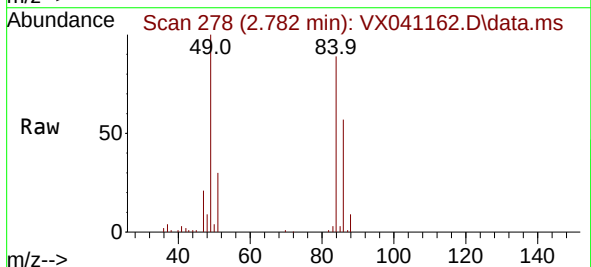
Ion Ratio Lower Upper

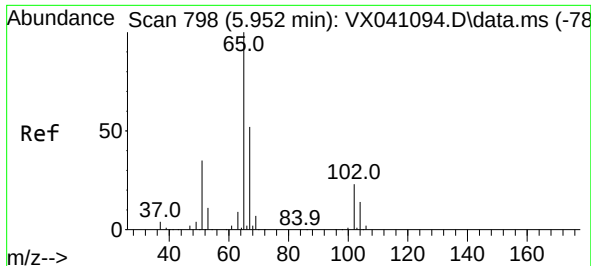
84 100

49 112.4 103.6 155.4

51 33.3 33.8 50.6#

86 63.6 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 48.032 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041162.D

Acq: 18 Apr 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

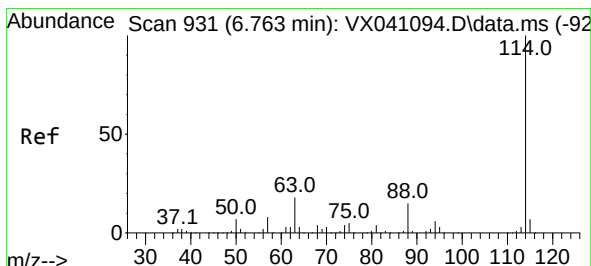
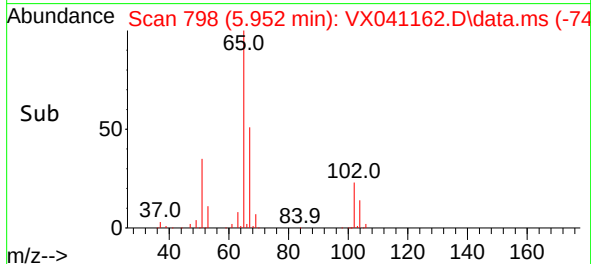
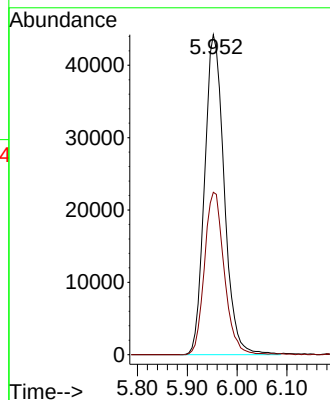
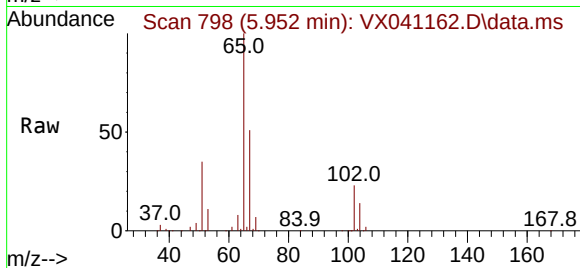
SOIL

Tgt Ion: 65 Resp: 120709

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041162.D

Acq: 18 Apr 2024 14:30

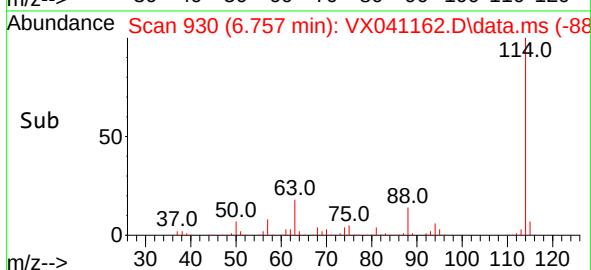
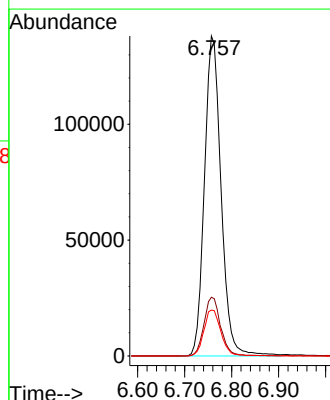
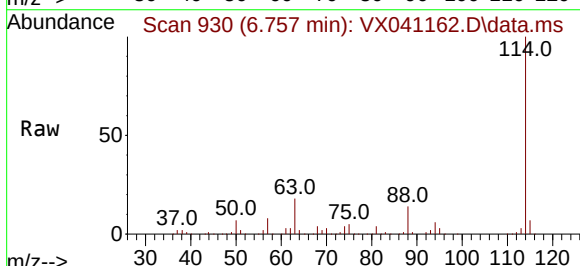
Tgt Ion: 114 Resp: 339142

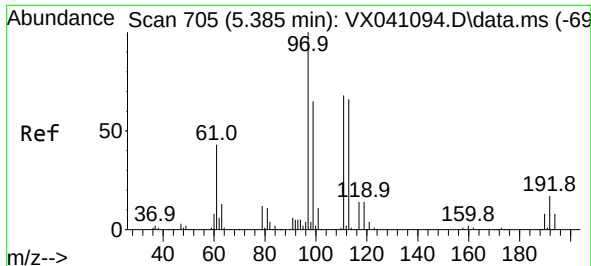
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 14.3 0.0 36.6

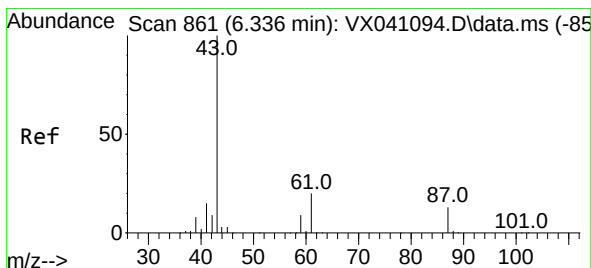
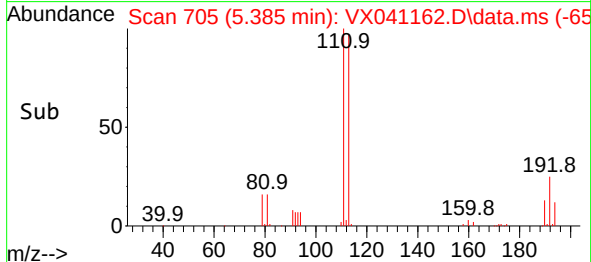
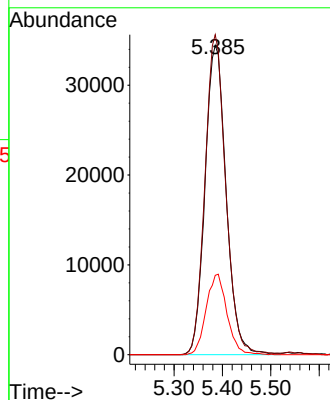
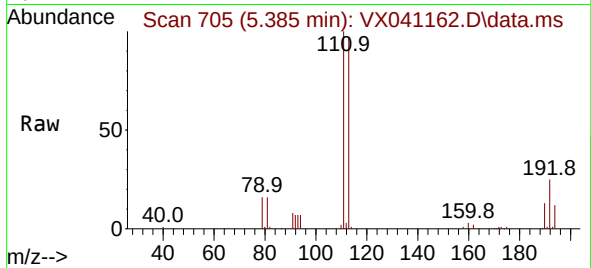




#35
Dibromofluoromethane
Concen: 46.187 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041162.D
Acq: 18 Apr 2024 14:30

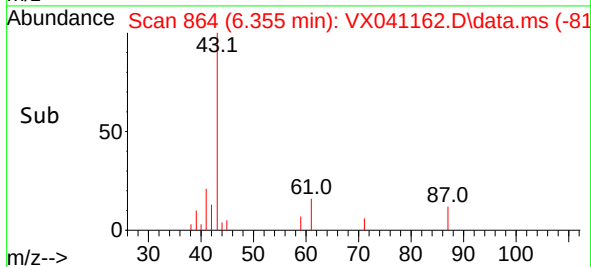
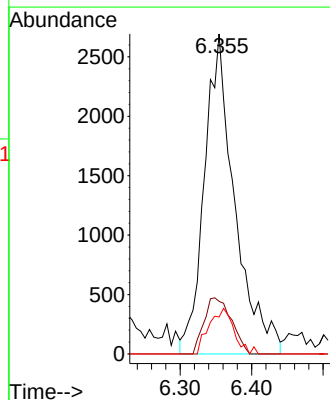
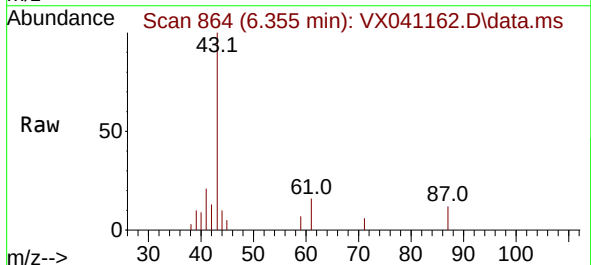
Instrument :
MSVOA_X
ClientSampleId :
SOIL

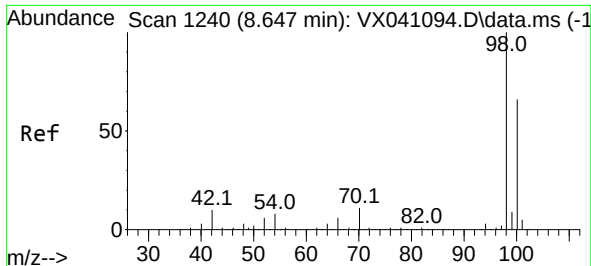
Tgt Ion:113 Resp: 104637
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.6 13.3 19.9#



#43
Isopropyl Acetate
Concen: 1.562 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX041162.D
Acq: 18 Apr 2024 14:30

Tgt Ion: 43 Resp: 7945
Ion Ratio Lower Upper
43 100
61 15.8 15.2 22.8
87 11.6 9.8 14.6

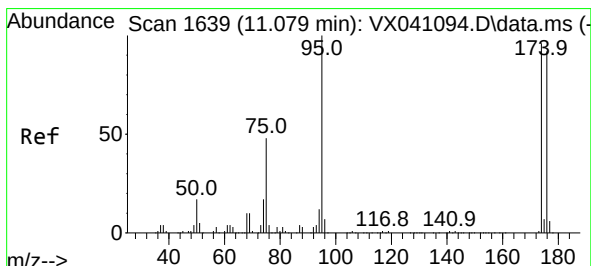
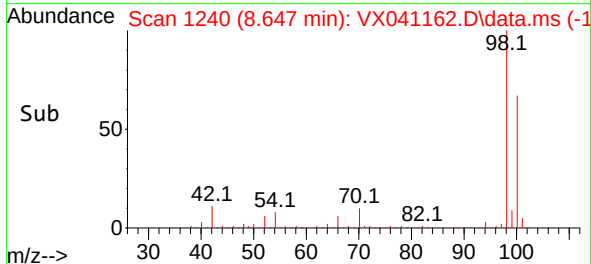
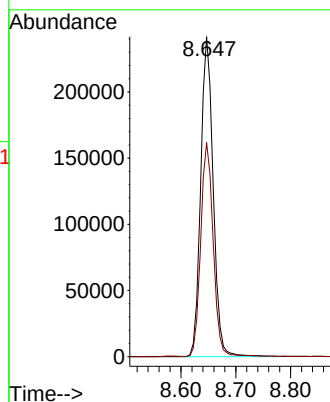
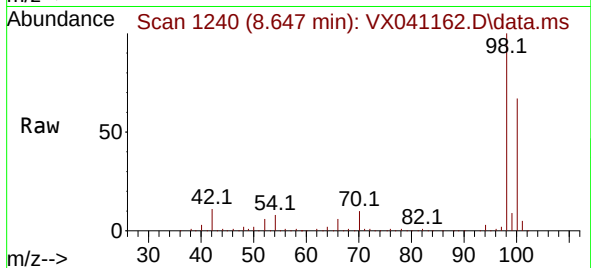




#50
Toluene-d8
Concen: 48.257 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041162.D
Acq: 18 Apr 2024 14:30

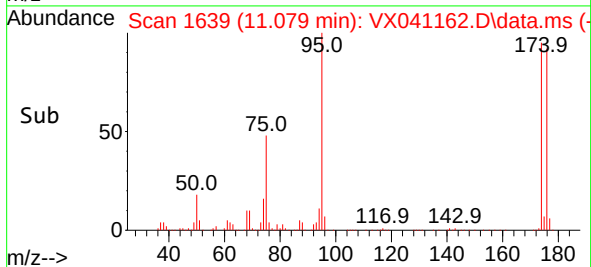
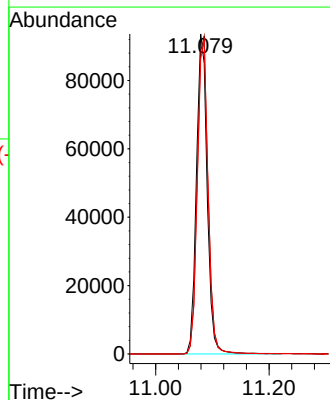
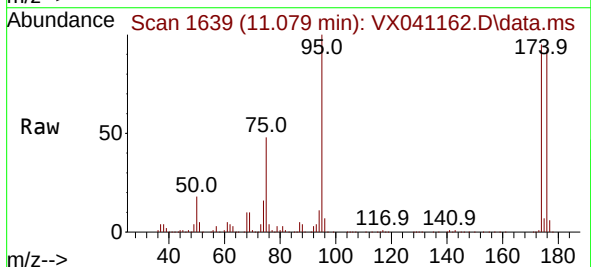
Instrument :
MSVOA_X
ClientSampleId :
SOIL

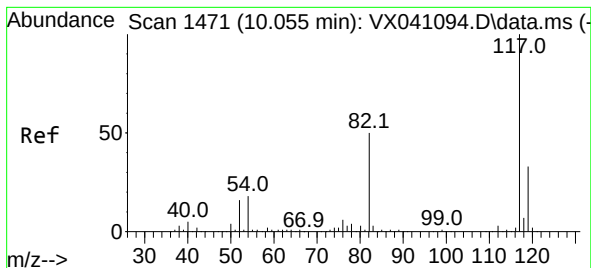
Tgt Ion: 98 Resp: 382943
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 40.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041162.D
Acq: 18 Apr 2024 14:30

Tgt Ion: 95 Resp: 122877
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 98.2 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: VX041162.D

Acq: 18 Apr 2024 14:30

Instrument :

MSVOA_X

ClientSampleId :

SOIL

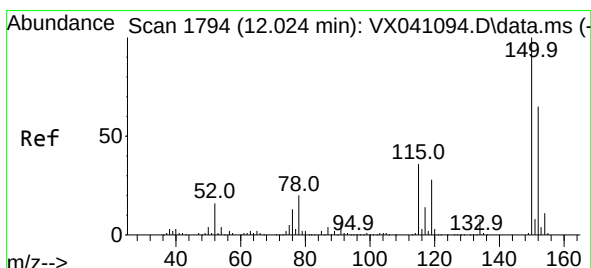
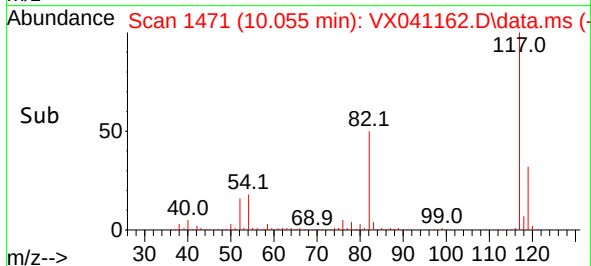
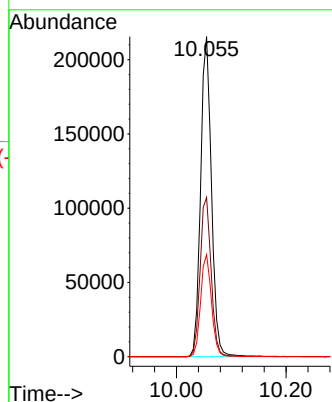
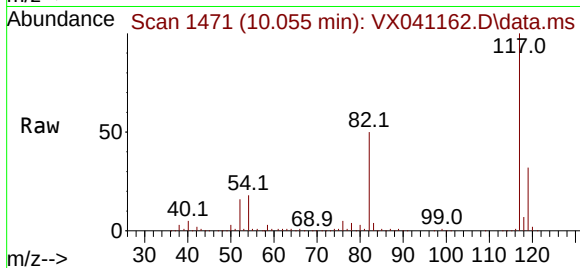
Tgt Ion:117 Resp: 296201

Ion Ratio Lower Upper

117 100

82 49.7 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041162.D

Acq: 18 Apr 2024 14:30

Tgt Ion:152 Resp: 132521

Ion Ratio Lower Upper

152 100

115 52.3 43.3 129.9

150 156.9 0.0 345.0

