

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038141.D
 Acq On : 06 Oct 2023 19:14
 Operator : JC/MD
 Sample : 04778-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-2

Quant Time: Oct 07 04:25:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

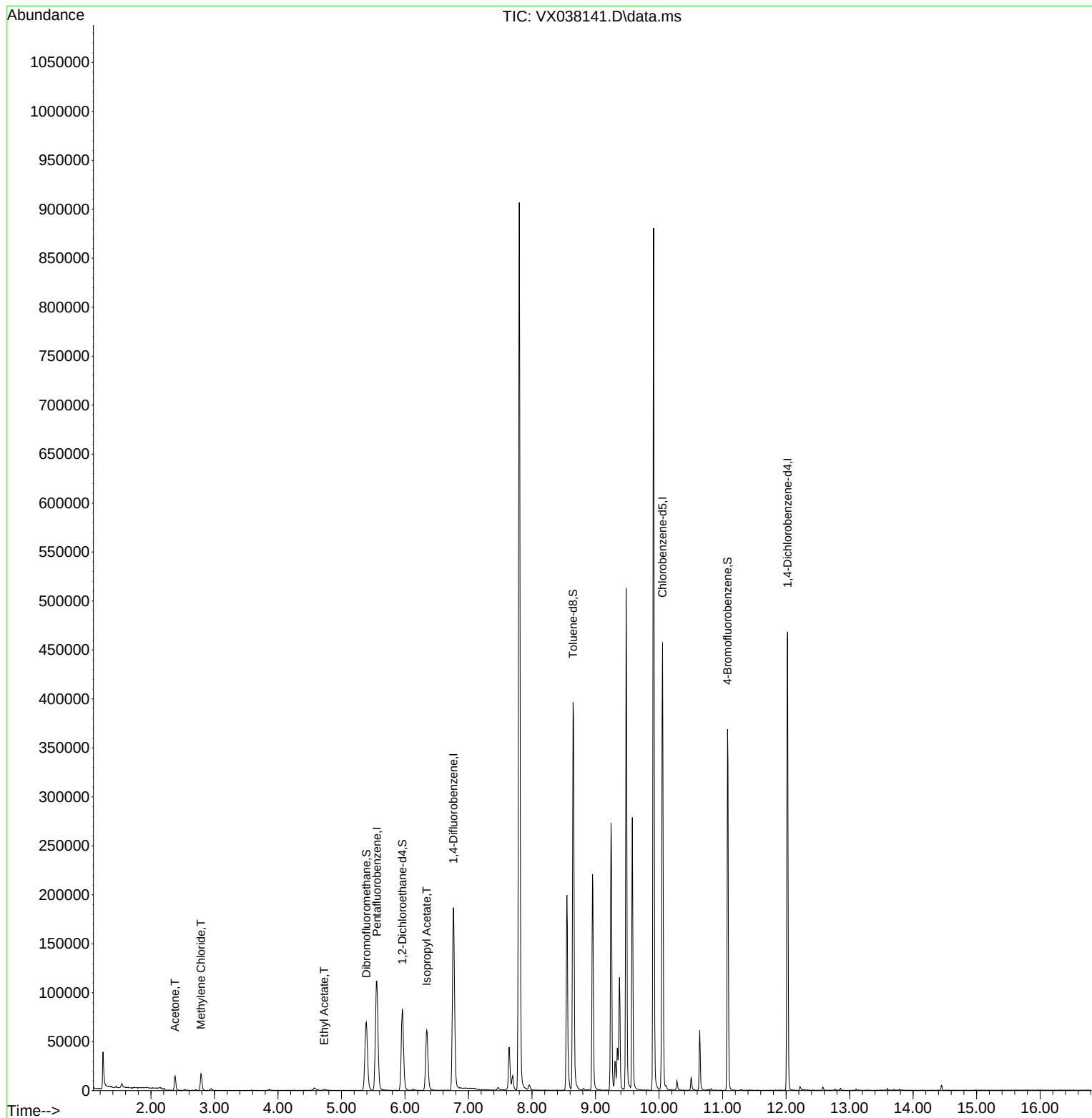
Internal Standards						
1) Pentafluorobenzene	5.556	168	103615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77649	46.592	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.180%
35) Dibromofluoromethane	5.391	113	59827	44.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.720%
50) Toluene-d8	8.647	98	242825	47.123	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.240%
62) 4-Bromofluorobenzene	11.079	95	92573	47.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.780%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	15673	22.533	ug/l	91
20) Methylene Chloride	2.788	84	7678	5.869	ug/l	97
37) Ethyl Acetate	4.727	43	2333	1.056	ug/l #	87
43) Isopropyl Acetate	6.342	43	84558	25.647	ug/l	98

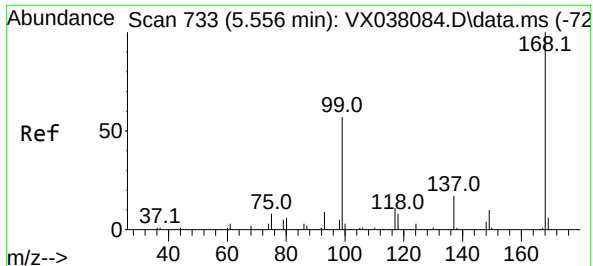
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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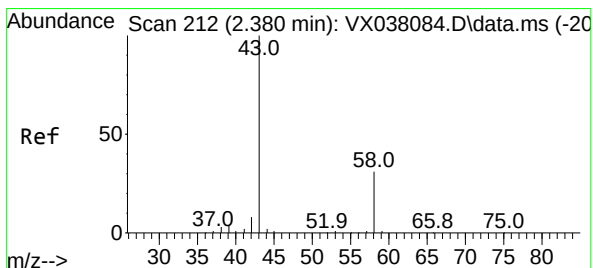
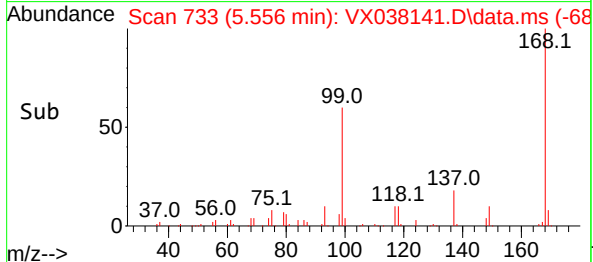
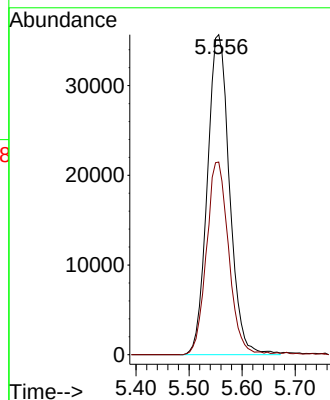
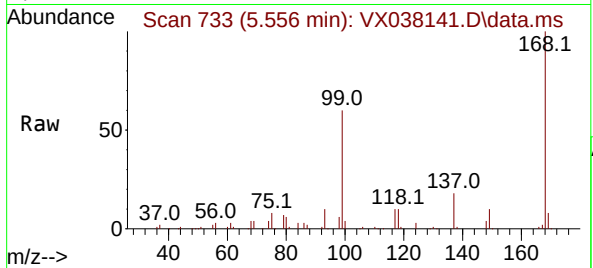




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038141.D
Acq: 06 Oct 2023 19:14

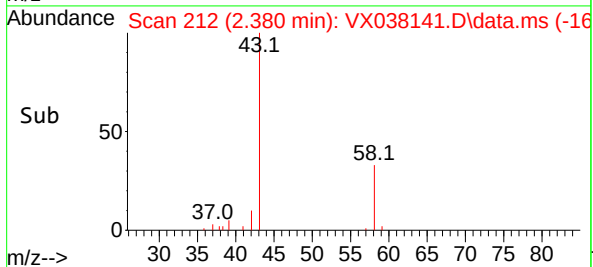
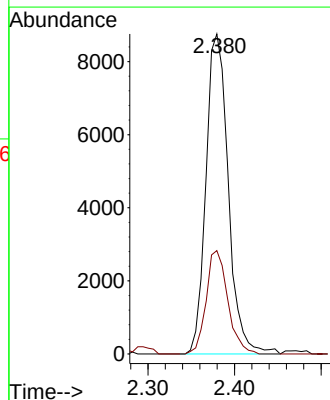
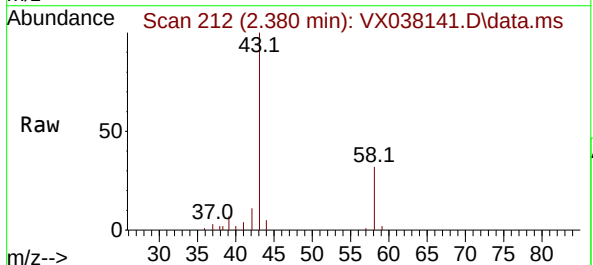
Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

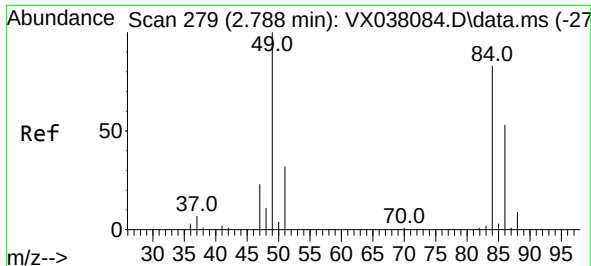
Tgt Ion:168 Resp: 103615
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#16
Acetone
Concen: 22.533 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038141.D
Acq: 06 Oct 2023 19:14

Tgt Ion: 43 Resp: 15673
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9

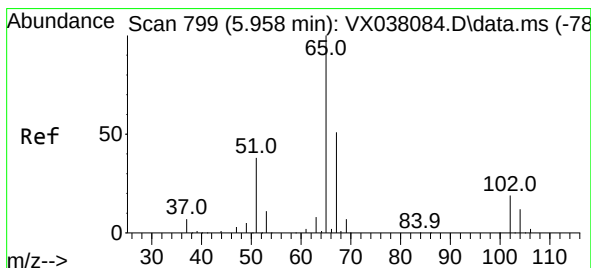
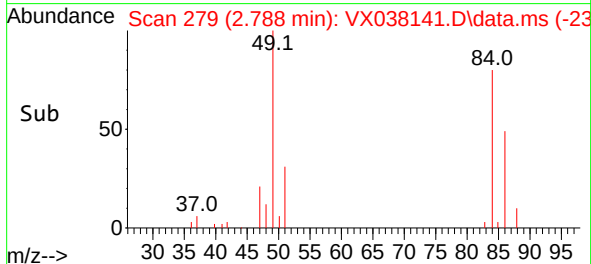
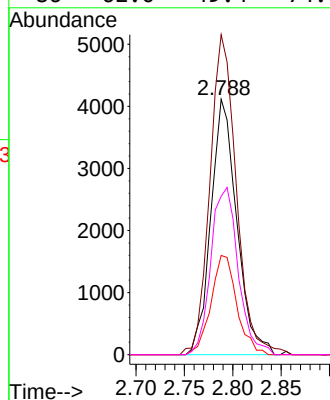
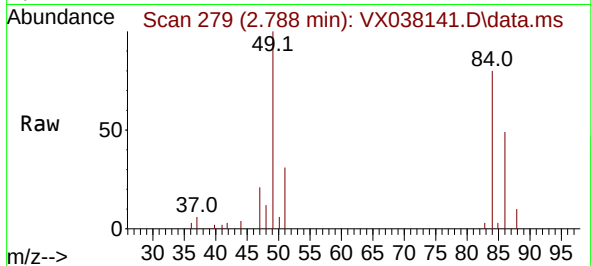




#20
Methylene Chloride
Concen: 5.869 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038141.D
Acq: 06 Oct 2023 19:14

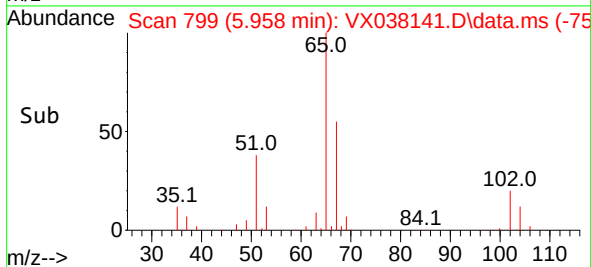
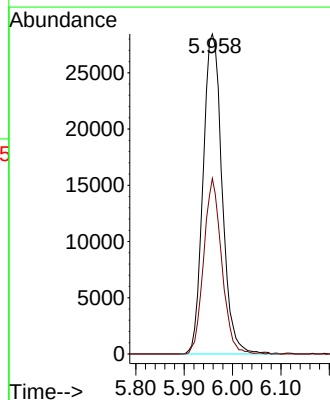
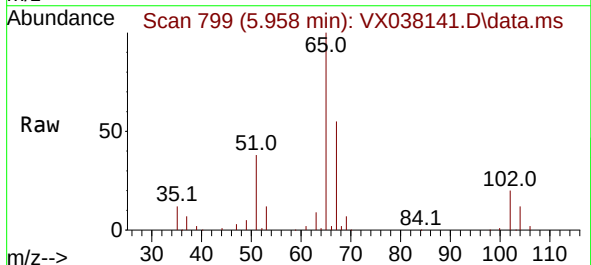
Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

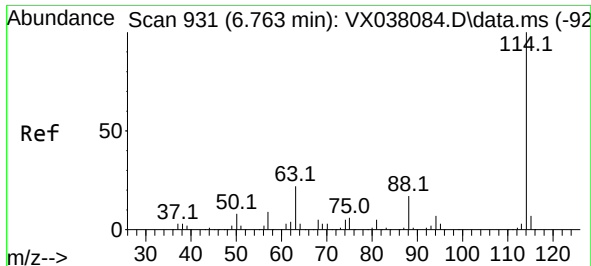
Tgt Ion: 84	Resp: 7678
Ion Ratio	Lower Upper
84 100	
49 125.3	103.6 155.4
51 38.9	33.8 50.6
86 62.0	49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 46.592 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038141.D
Acq: 06 Oct 2023 19:14

Tgt Ion: 65	Resp: 77649
Ion Ratio	Lower Upper
65 100	
67 52.1	0.0 100.2

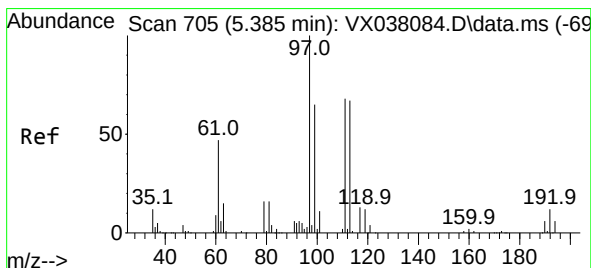
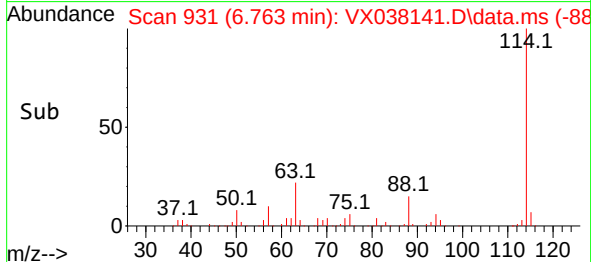
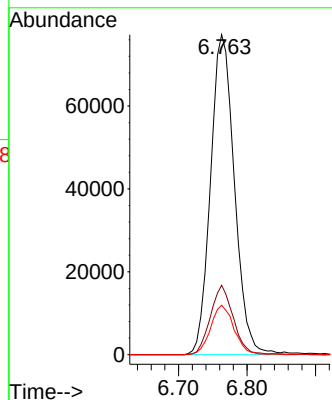
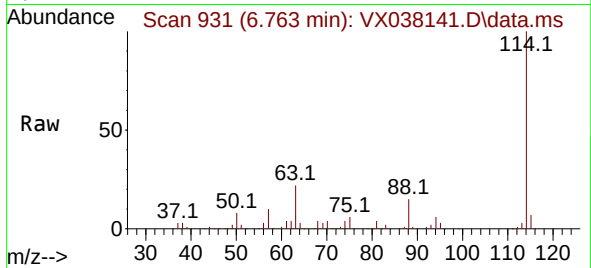




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038141.D
Acq: 06 Oct 2023 19:14

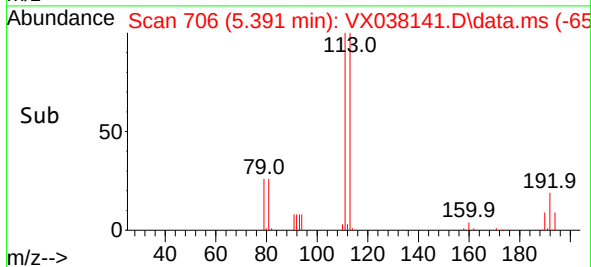
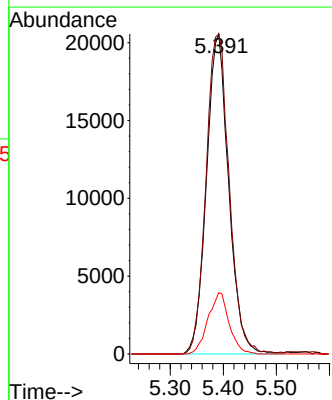
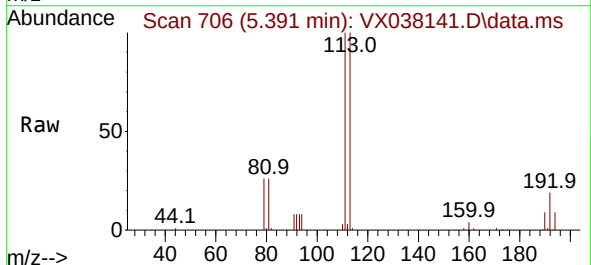
Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

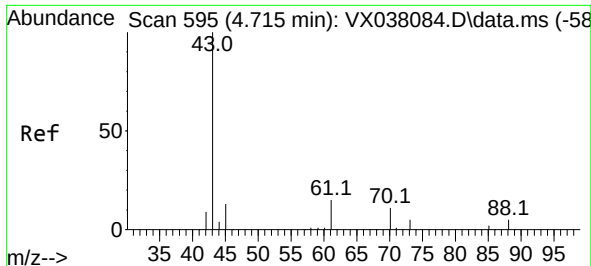
Tgt Ion:114 Resp: 187149
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.365 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038141.D
Acq: 06 Oct 2023 19:14

Tgt Ion:113 Resp: 59827
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.1 13.3 19.9





#37

Ethyl Acetate

Concen: 1.056 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX038141.D

Acq: 06 Oct 2023 19:14

Instrument :

MSVOA_X

ClientSampleId :

SOIL-2

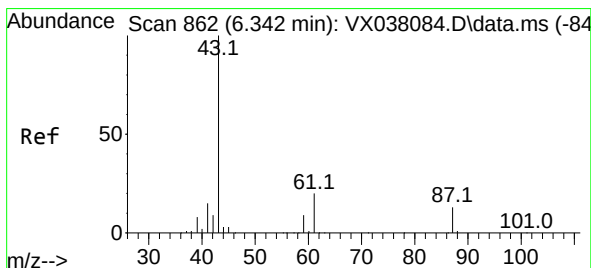
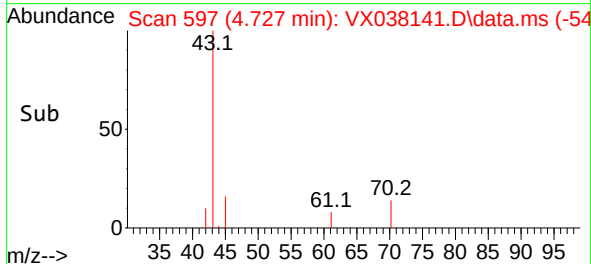
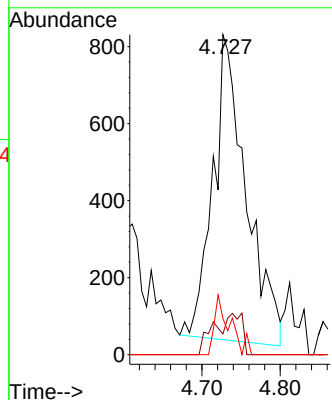
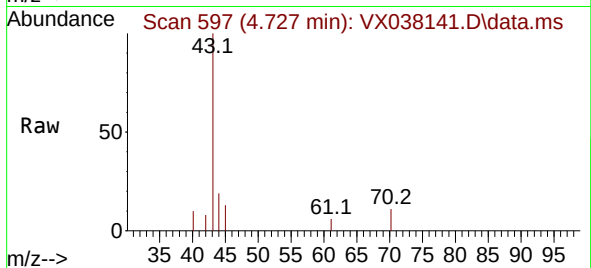
Tgt Ion: 43 Resp: 2333

Ion Ratio Lower Upper

43 100

61 5.0 10.6 16.0#

70 9.0 8.3 12.5



#43

Isopropyl Acetate

Concen: 25.647 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038141.D

Acq: 06 Oct 2023 19:14

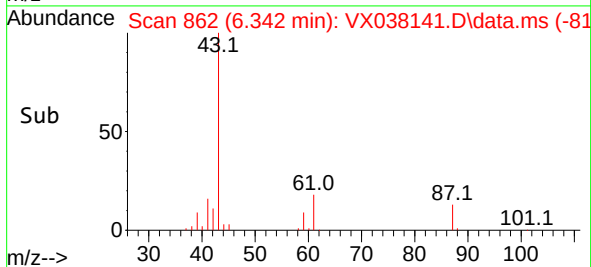
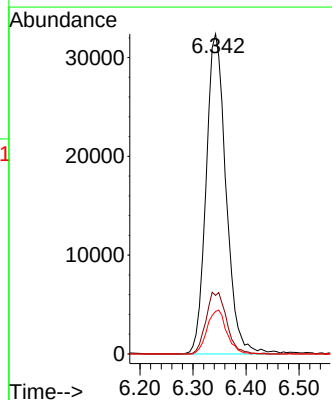
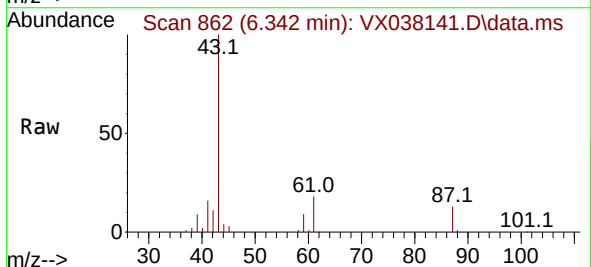
Tgt Ion: 43 Resp: 84558

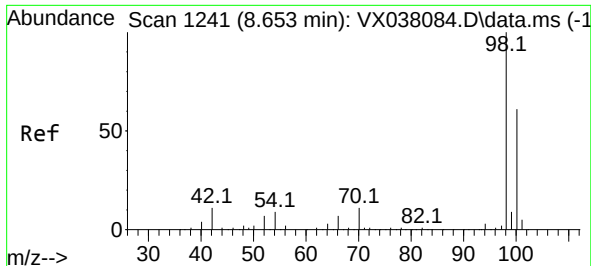
Ion Ratio Lower Upper

43 100

61 19.9 15.2 22.8

87 13.4 9.8 14.6

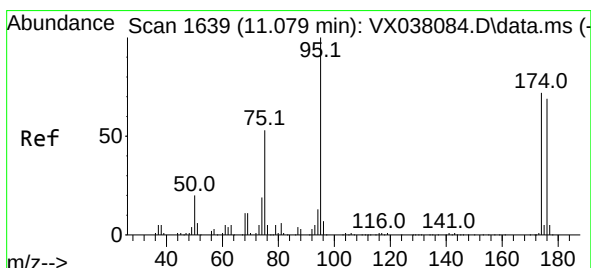
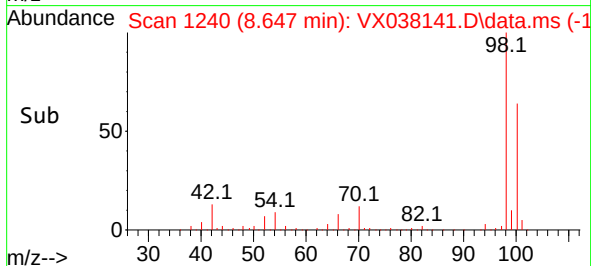
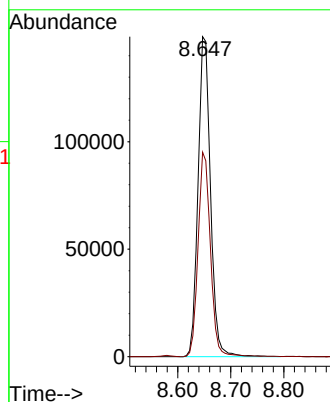
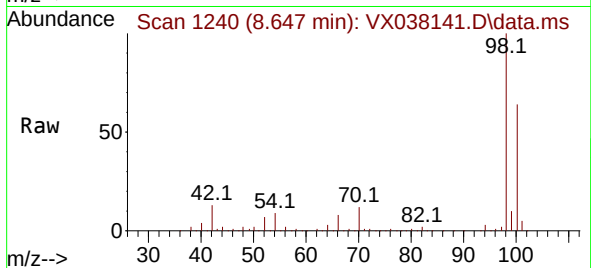




#50
Toluene-d8
Concen: 47.123 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038141.D
Acq: 06 Oct 2023 19:14

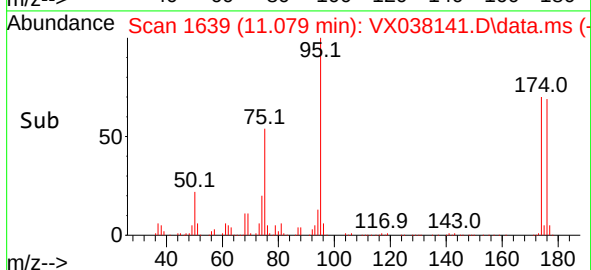
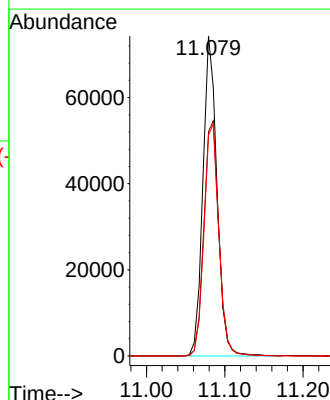
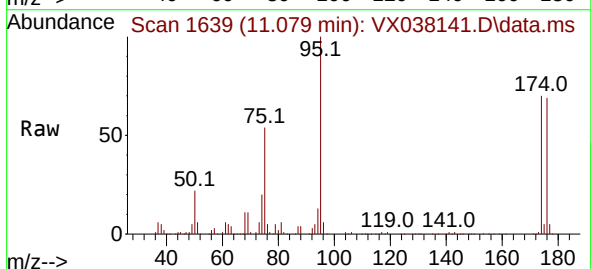
Instrument :
MSVOA_X
ClientSampleId :
SOIL-2

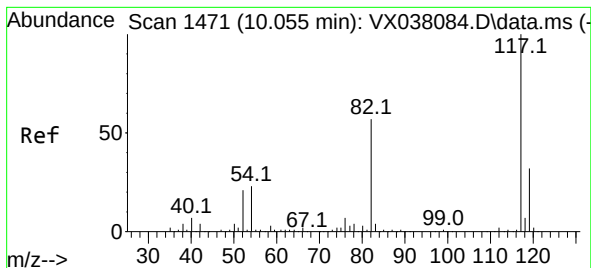
Tgt Ion: 98 Resp: 242825
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038141.D
Acq: 06 Oct 2023 19:14

Tgt Ion: 95 Resp: 92573
Ion Ratio Lower Upper
95 100
174 78.2 0.0 135.6
176 76.2 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: VX038141.D

Acq: 06 Oct 2023 19:14

Instrument :

MSVOA_X

ClientSampleId :

SOIL-2

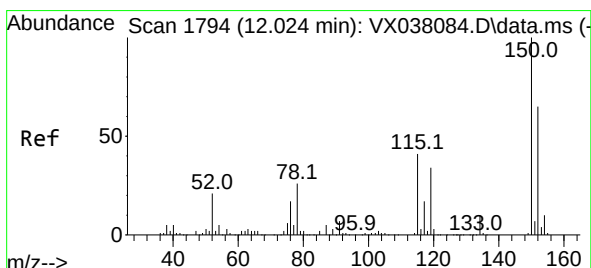
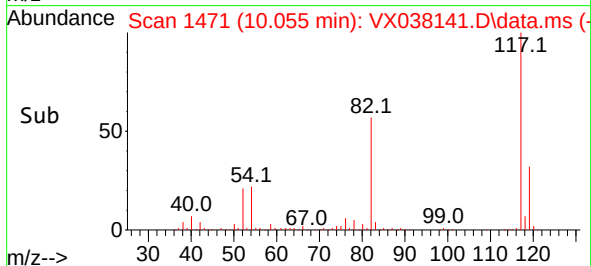
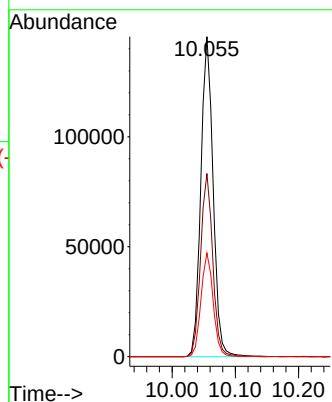
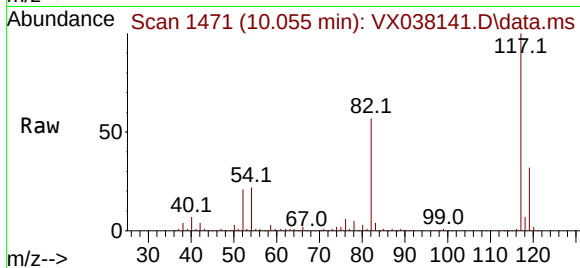
Tgt Ion:117 Resp: 196922

Ion Ratio Lower Upper

117 100

82 57.3 46.2 69.4

119 32.4 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: VX038141.D

Acq: 06 Oct 2023 19:14

Tgt Ion:152 Resp: 96501

Ion Ratio Lower Upper

152 100

115 61.8 43.3 129.9

150 157.8 0.0 345.0

