

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039175.D
 Acq On : 12 Dec 2023 18:51
 Operator : JC/MD
 Sample : 05718-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-SOIL-20231206

Quant Time: Dec 13 04:20:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

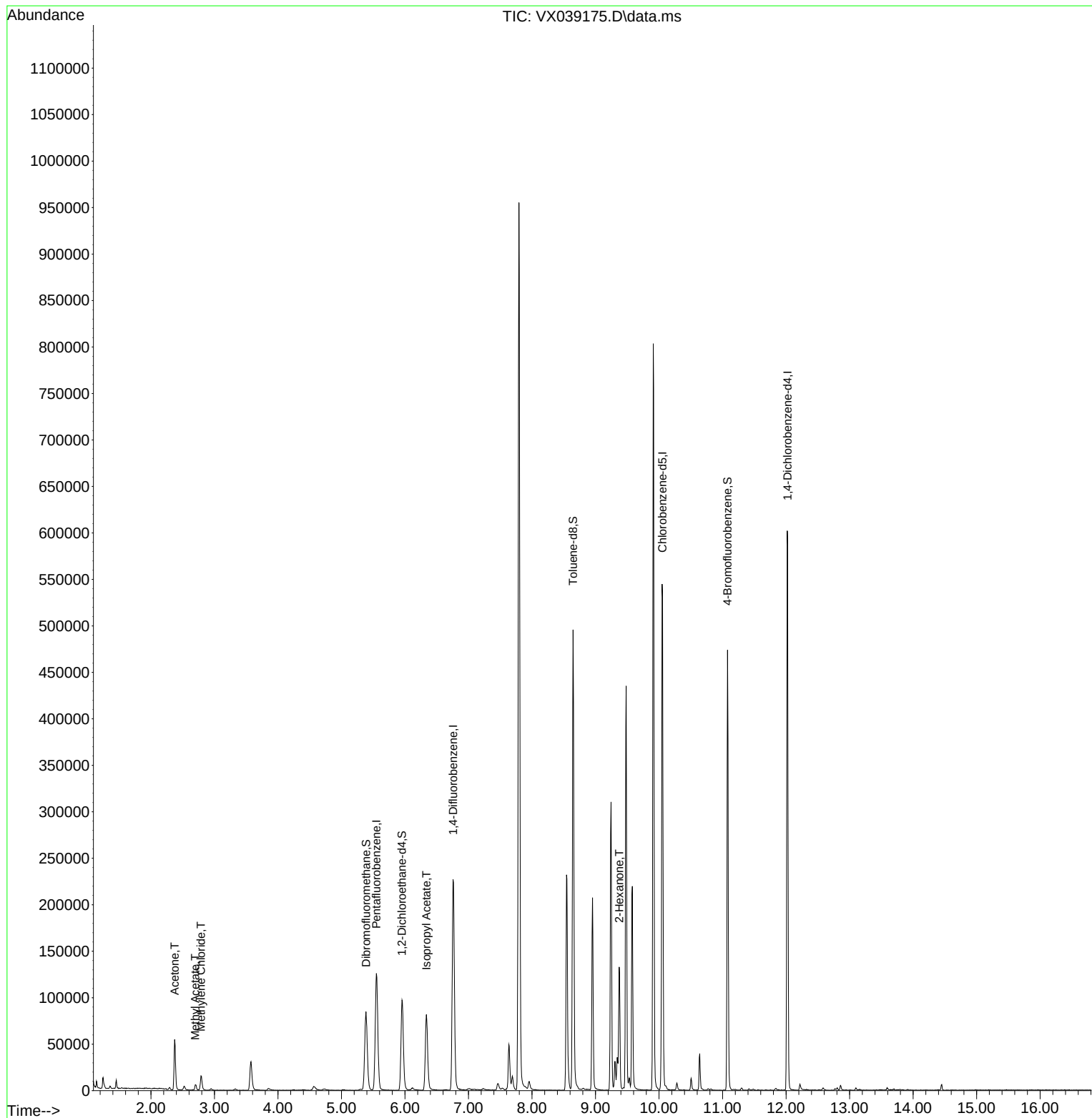
Internal Standards						
1) Pentafluorobenzene	5.550	168	108406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	221123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95304	54.559	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	109.120%	
35) Dibromofluoromethane	5.385	113	72841	45.611	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	91.220%	
50) Toluene-d8	8.647	98	282350	46.210	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	92.420%	
62) 4-Bromofluorobenzene	11.079	95	130579	53.386	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	106.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	57187	61.499	ug/l	98
18) Methyl Acetate	2.697	43	7488	1.695	ug/l	97
20) Methylene Chloride	2.788	84	7157	4.270	ug/l	96
43) Isopropyl Acetate	6.336	43	115831	24.305	ug/l	100
59) 2-Hexanone	9.372	43	99958	40.948	ug/l #	26

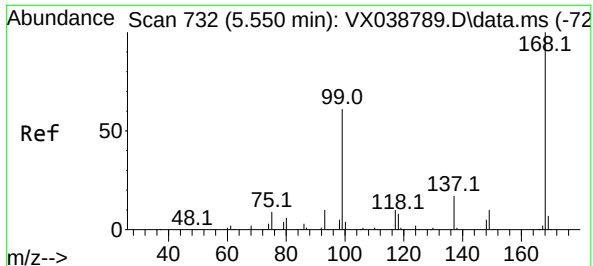
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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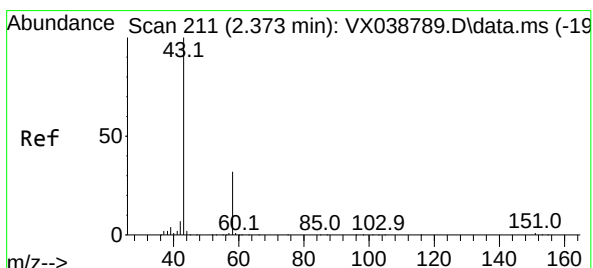
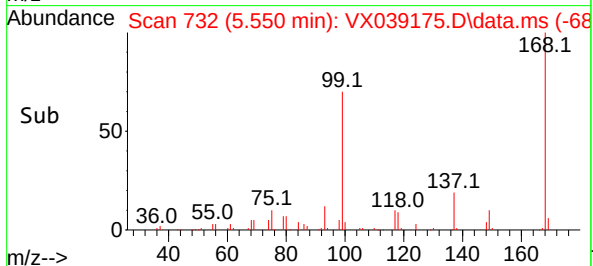
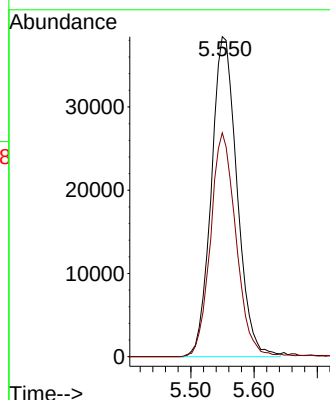
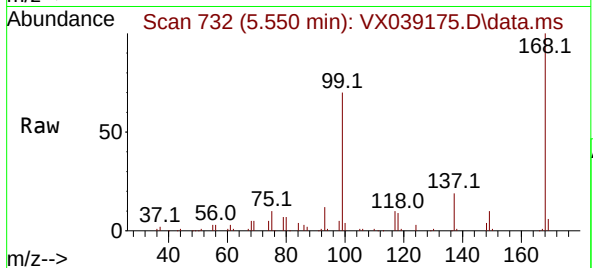




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039175.D
Acq: 12 Dec 2023 18:51

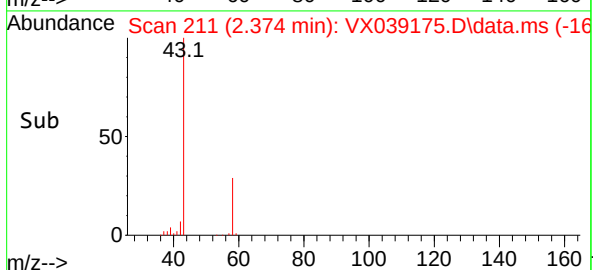
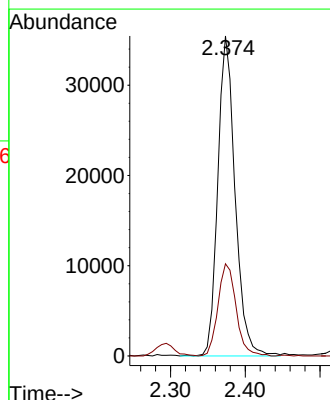
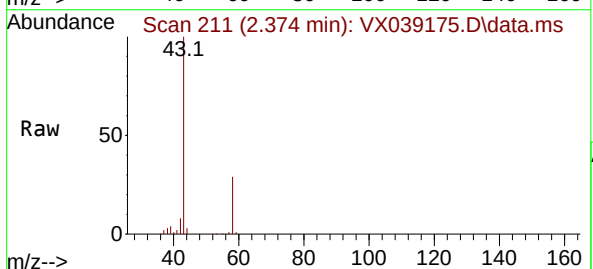
Instrument :
MSVOA_X
ClientSampleId :
WC-SOIL-20231206

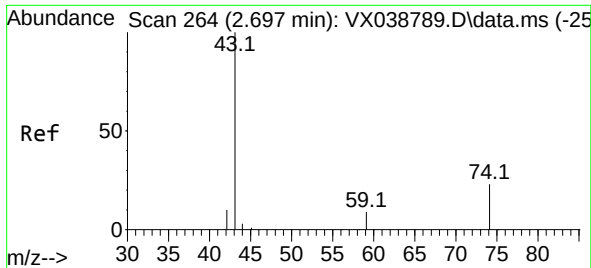
Tgt Ion:168 Resp: 108406
Ion Ratio Lower Upper
168 100
99 70.0 56.6 85.0



#16
Acetone
Concen: 61.499 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039175.D
Acq: 12 Dec 2023 18:51

Tgt Ion: 43 Resp: 57187
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9

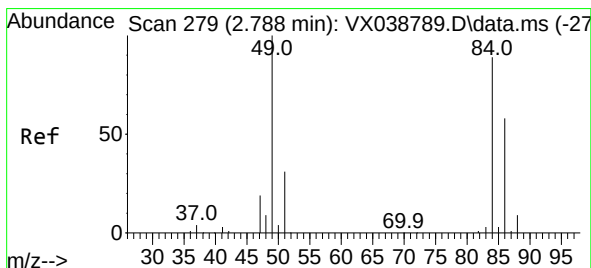
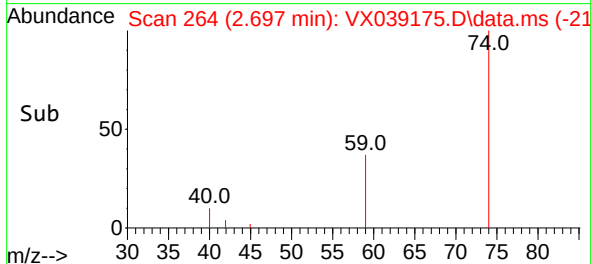
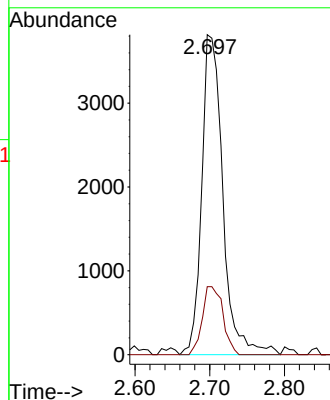
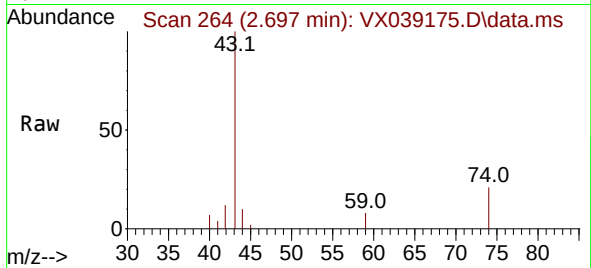




#18
Methyl Acetate
Concen: 1.695 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039175.D
Acq: 12 Dec 2023 18:51

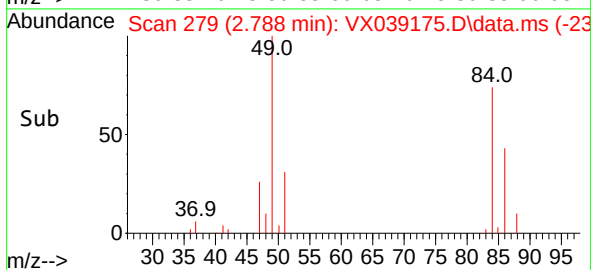
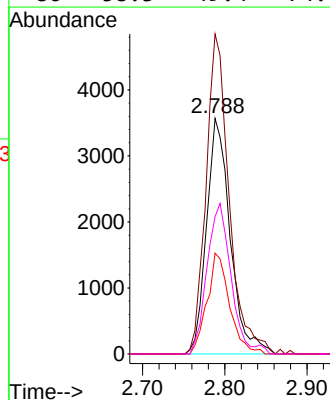
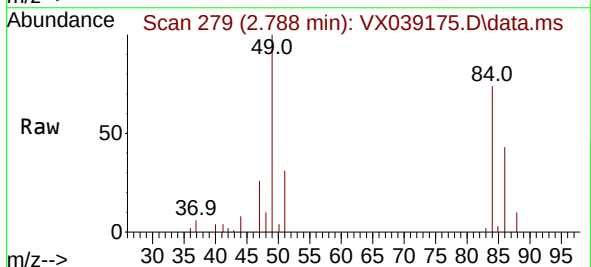
Instrument :
MSVOA_X
ClientSampleId :
WC-SOIL-20231206

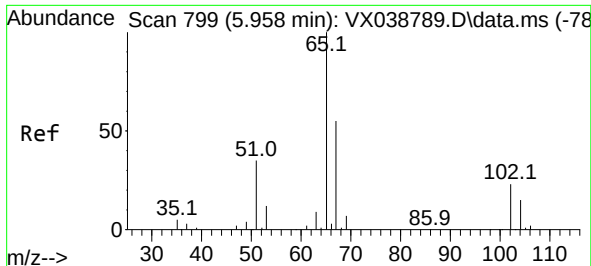
Tgt Ion: 43 Resp: 7488
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8



#20
Methylene Chloride
Concen: 4.270 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039175.D
Acq: 12 Dec 2023 18:51

Tgt Ion: 84 Resp: 7157
Ion Ratio Lower Upper
84 100
49 135.8 103.6 155.4
51 42.8 33.8 50.6
86 58.3 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 54.559 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX039175.D

Acq: 12 Dec 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

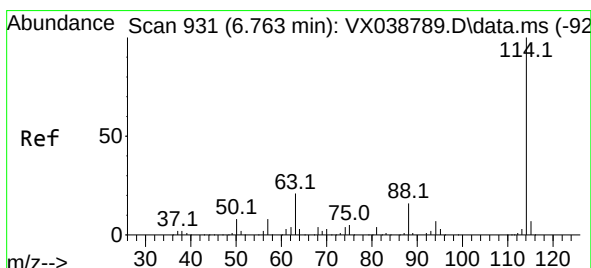
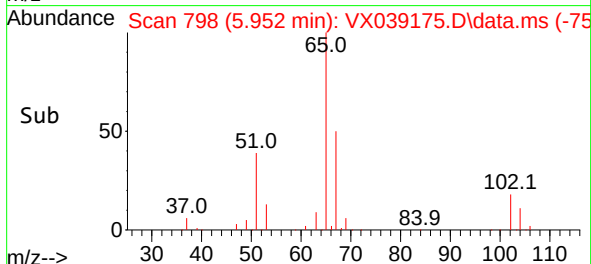
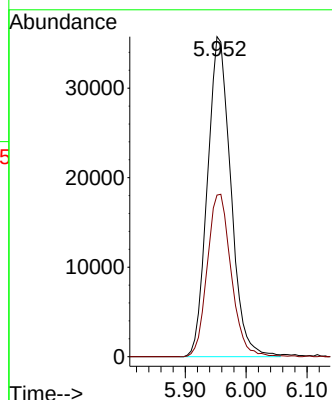
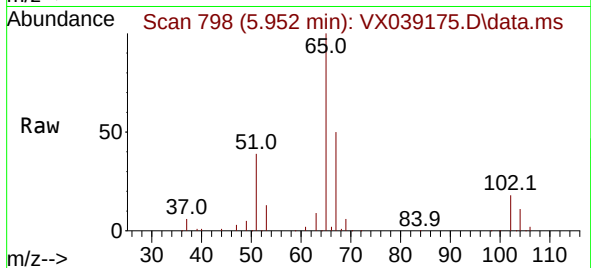
WC-SOIL-20231206

Tgt Ion: 65 Resp: 95304

Ion Ratio Lower Upper

65 100

67 51.9 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: VX039175.D

Acq: 12 Dec 2023 18:51

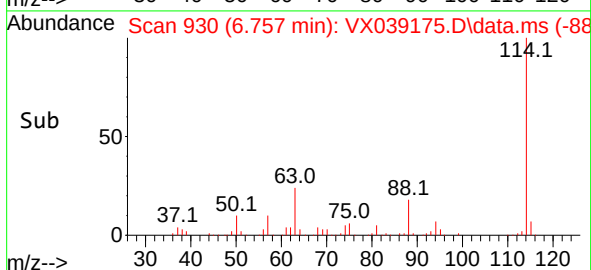
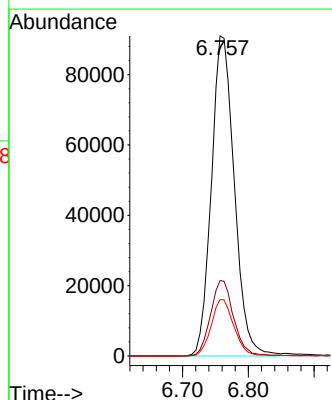
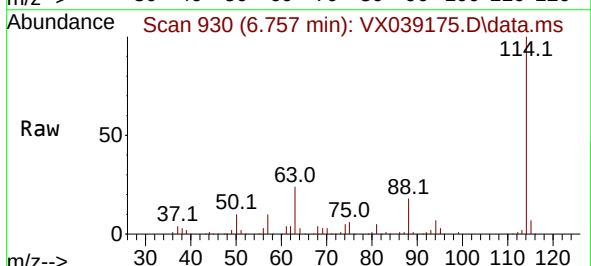
Tgt Ion: 114 Resp: 221123

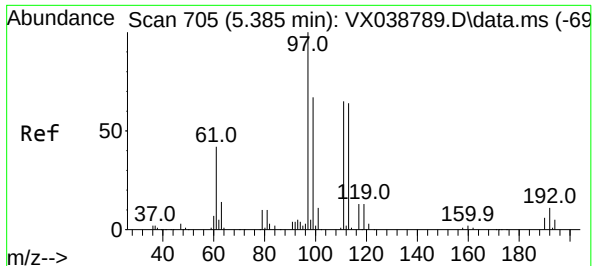
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

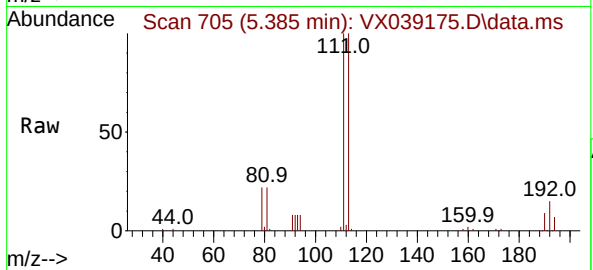
88 17.6 0.0 36.6



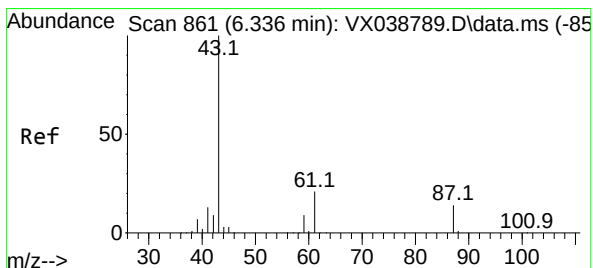
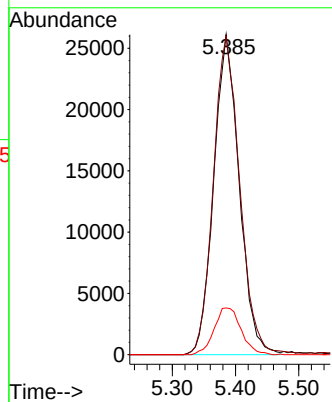
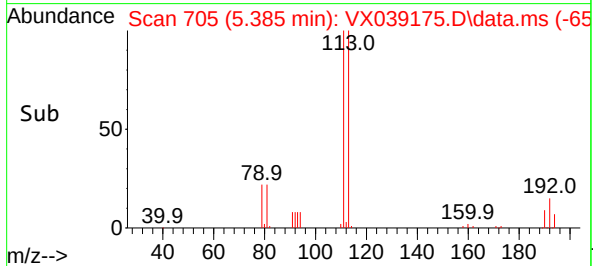


#35
Dibromofluoromethane
Concen: 45.611 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039175.D
Acq: 12 Dec 2023 18:51

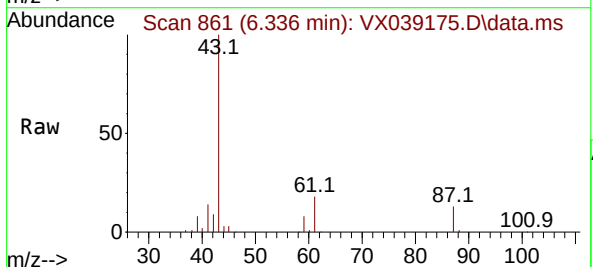
Instrument :
MSVOA_X
ClientSampleId :
WC-SOIL-20231206



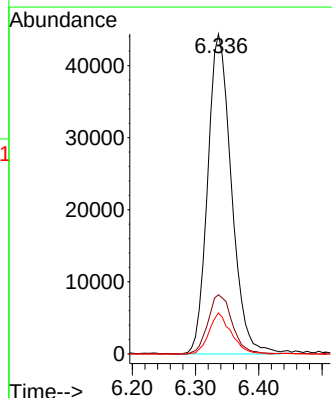
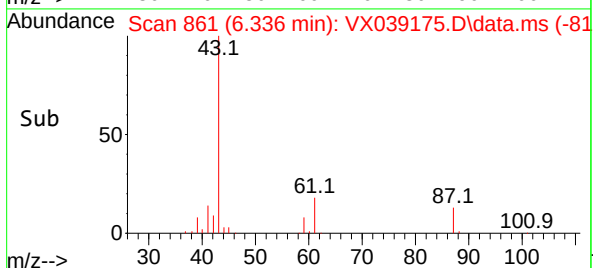
Tgt Ion:113 Resp: 72841
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 15.5 13.3 19.9

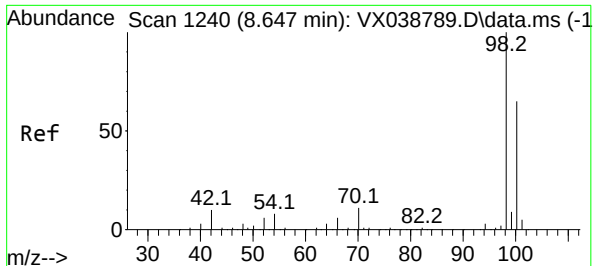


#43
Isopropyl Acetate
Concen: 24.305 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039175.D
Acq: 12 Dec 2023 18:51



Tgt Ion: 43 Resp: 115831
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 11.9 9.8 14.6





#50

Toluene-d8

Concen: 46.210 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039175.D

Acq: 12 Dec 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

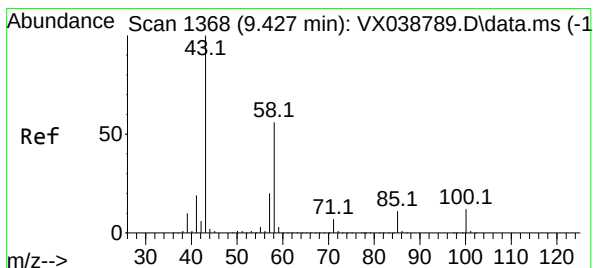
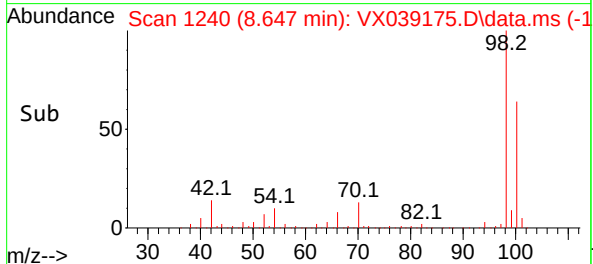
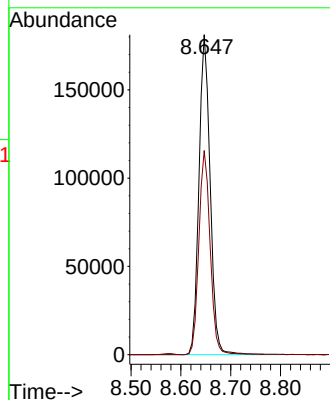
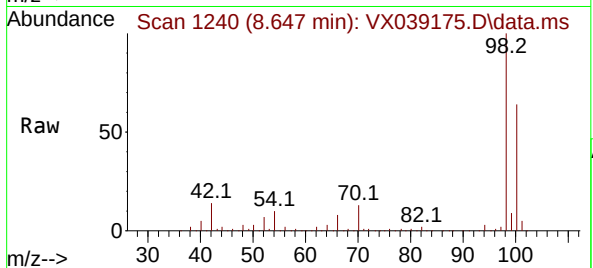
WC-SOIL-20231206

Tgt Ion: 98 Resp: 282350

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7



#59

2-Hexanone

Concen: 40.948 ug/l

RT: 9.372 min Scan# 1359

Delta R.T. -0.055 min

Lab File: VX039175.D

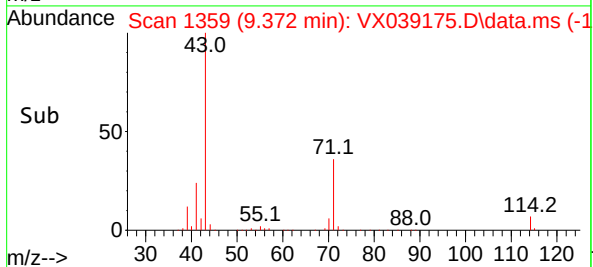
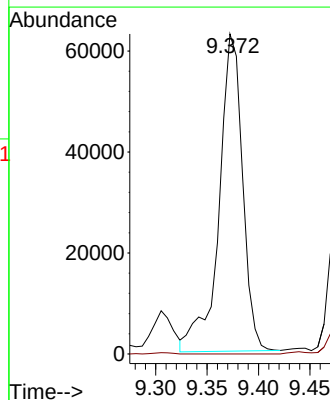
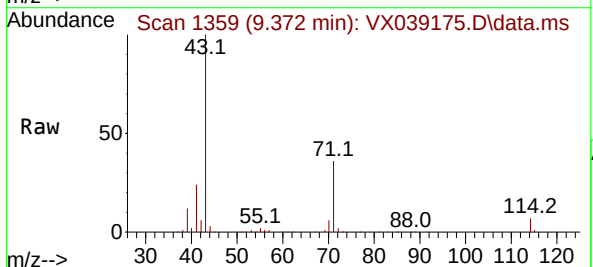
Acq: 12 Dec 2023 18:51

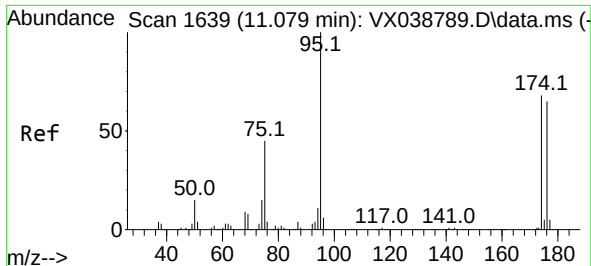
Tgt Ion: 43 Resp: 99958

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#

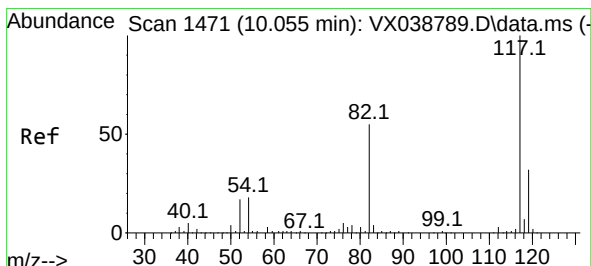
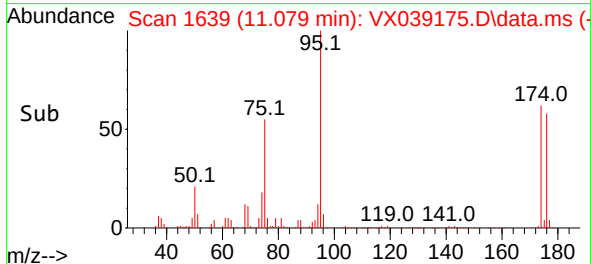
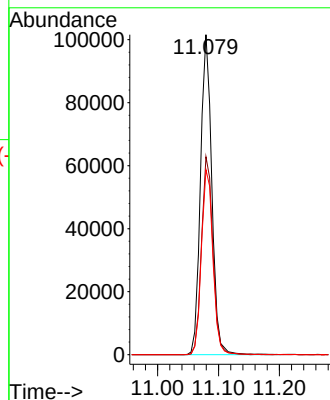
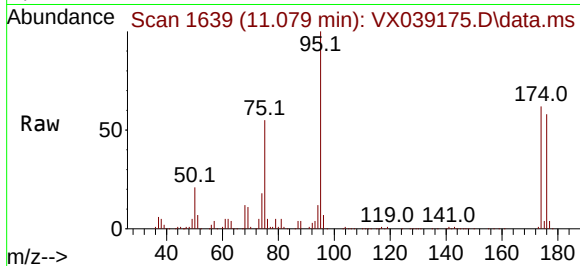




#62
4-Bromofluorobenzene
Concen: 53.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039175.D
Acq: 12 Dec 2023 18:51

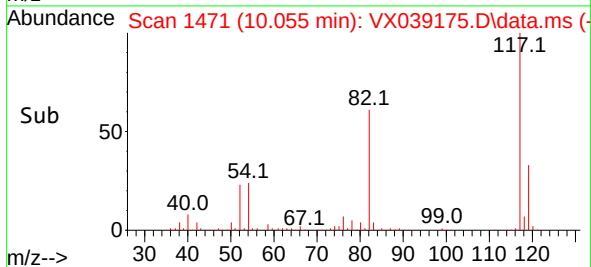
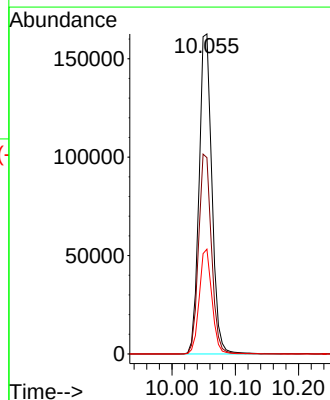
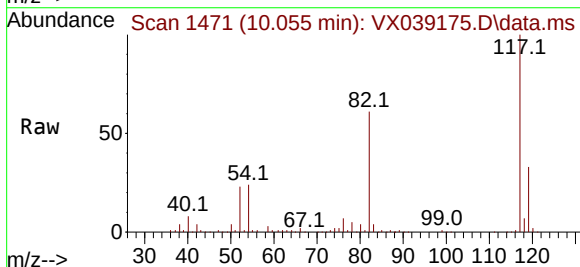
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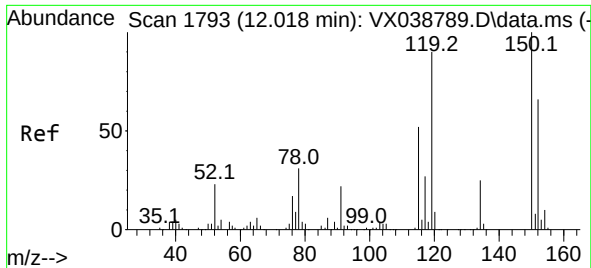
Tgt Ion: 95 Resp: 130579
Ion Ratio Lower Upper
95 100
174 62.8 0.0 135.6
176 59.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039175.D
Acq: 12 Dec 2023 18:51

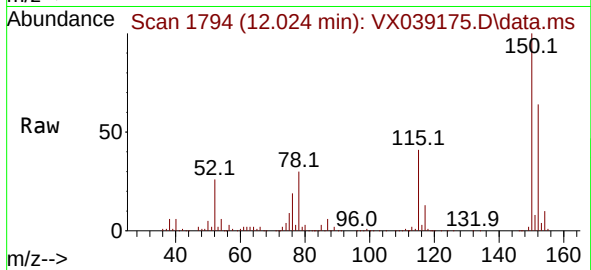
Tgt Ion: 117 Resp: 229635
Ion Ratio Lower Upper
117 100
82 61.4 46.2 69.4
119 32.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039175.D
 Acq: 12 Dec 2023 18:51

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-SOIL-20231206



Tgt Ion:152	Resp:	117217
Ion	Ratio	Lower Upper
152	100	
115	66.8	43.3 129.9
150	157.8	0.0 345.0

