

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033446.D
 Acq On : 15 Dec 2022 16:45
 Operator : JC/MD
 Sample : N6067-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-SOIL-20221214

Quant Time: Dec 16 01:04:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

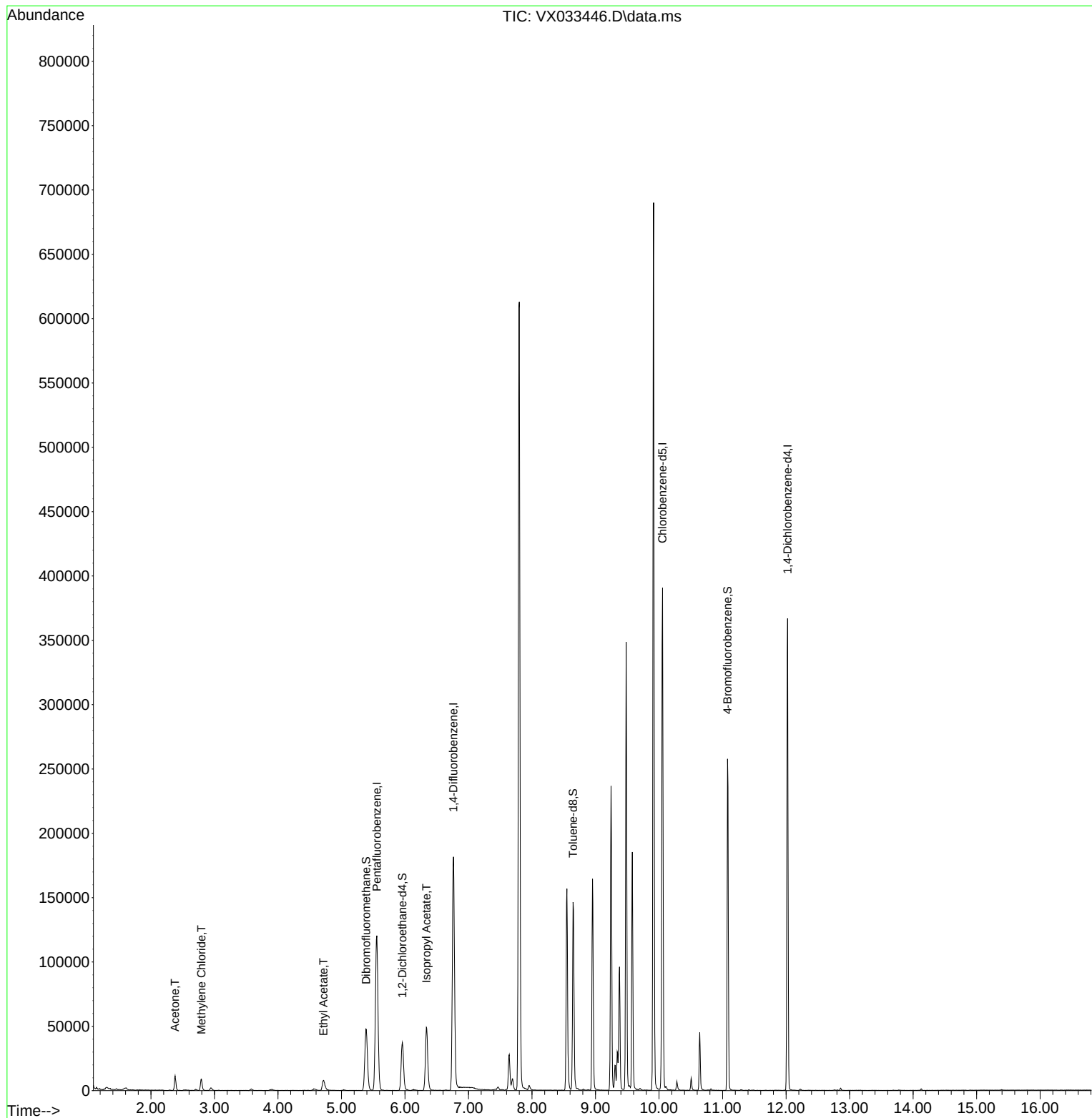
Internal Standards						
1) Pentafluorobenzene	5.556	168	116865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38829	51.791	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.580%	
35) Dibromofluoromethane	5.385	113	42408	49.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.520%	
50) Toluene-d8	8.647	98	88562	49.678	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	11.079	95	68474	50.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.460%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	12294	22.160	ug/l	94
20) Methylene Chloride	2.794	84	4365	3.528	ug/l	88
37) Ethyl Acetate	4.715	43	13830	8.806	ug/l	98
43) Isopropyl Acetate	6.336	43	65913	26.083	ug/l	99

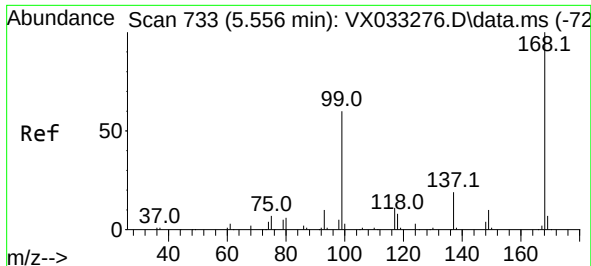
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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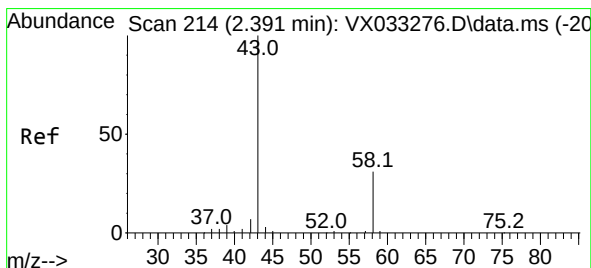
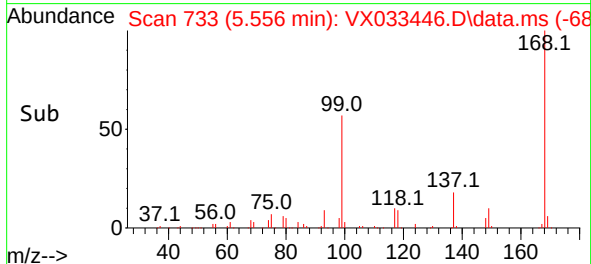
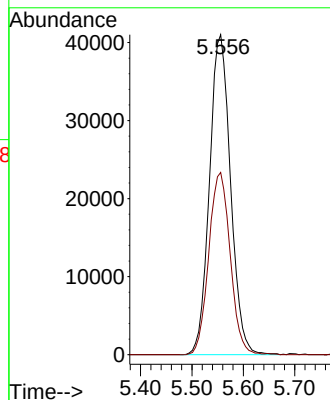
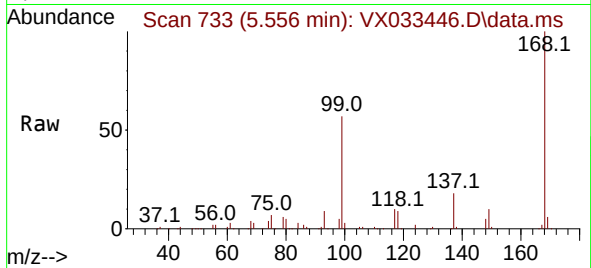




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033446.D
Acq: 15 Dec 2022 16:45

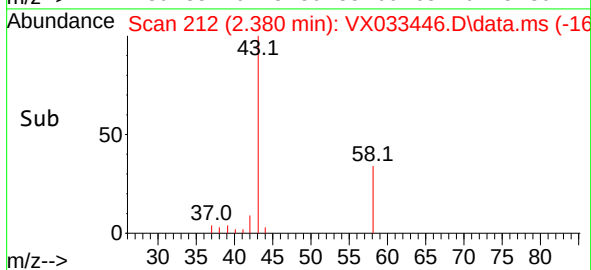
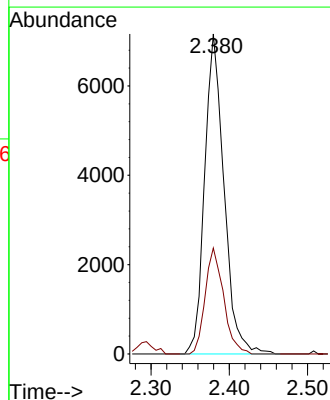
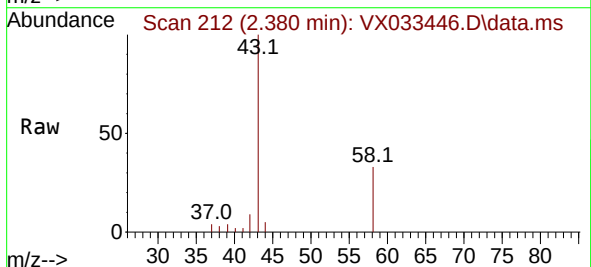
Instrument :
MSVOA_X
ClientSampleId :
WC-SOIL-20221214

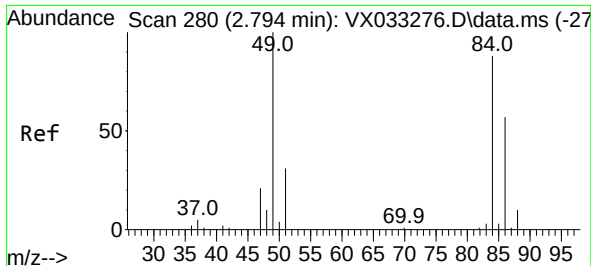
Tgt Ion:168 Resp: 116865
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#16
Acetone
Concen: 22.160 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX033446.D
Acq: 15 Dec 2022 16:45

Tgt Ion: 43 Resp: 12294
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.8





#20

Methylene Chloride

Concen: 3.528 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033446.D

Acq: 15 Dec 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

WC-SOIL-20221214

Tgt Ion: 84 Resp: 4365

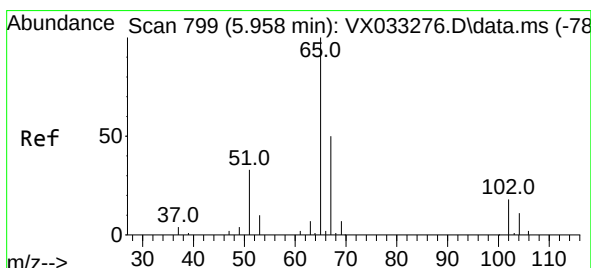
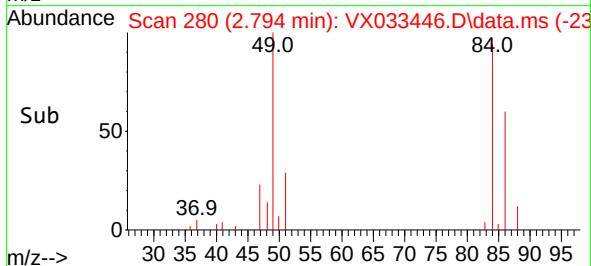
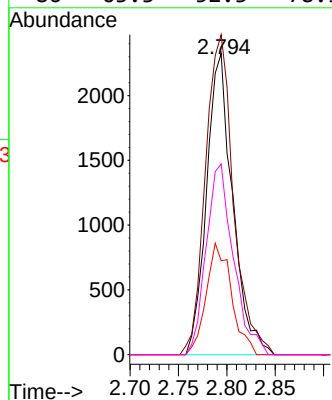
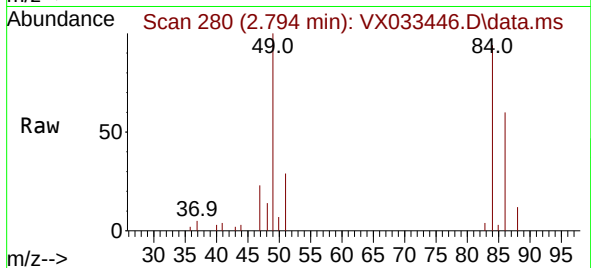
Ion Ratio Lower Upper

84 100

49 106.3 101.0 151.6

51 31.2 31.1 46.7

86 63.3 52.3 78.5



#33

1,2-Dichloroethane-d4

Concen: 51.791 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033446.D

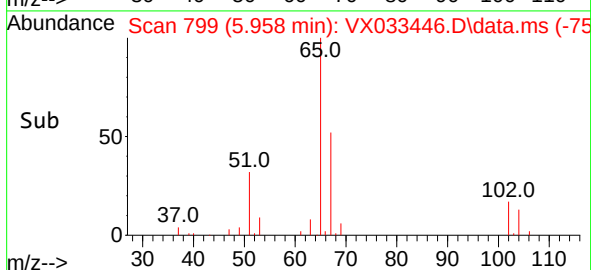
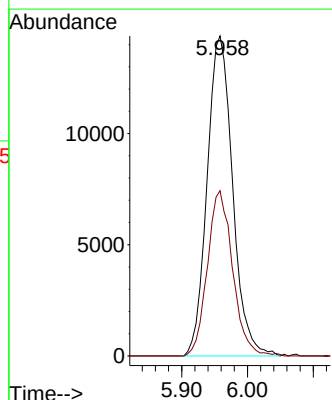
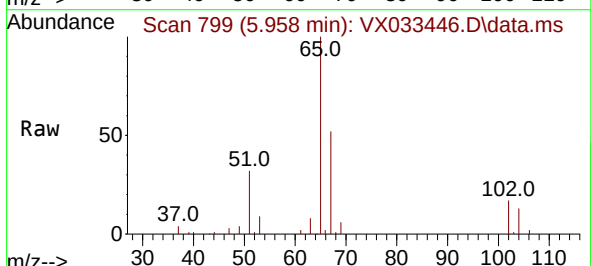
Acq: 15 Dec 2022 16:45

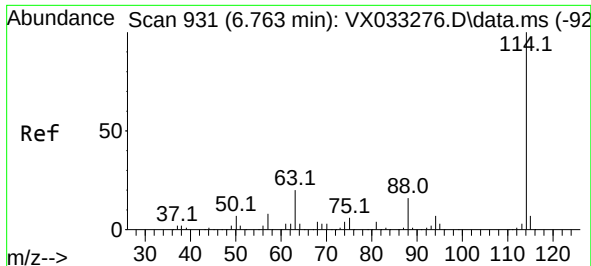
Tgt Ion: 65 Resp: 38829

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8

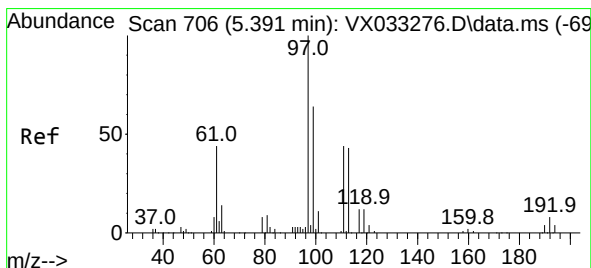
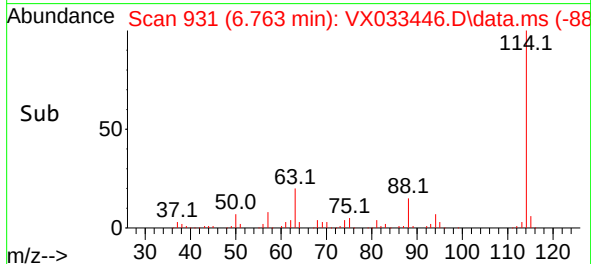
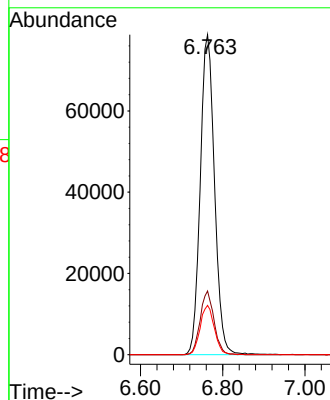
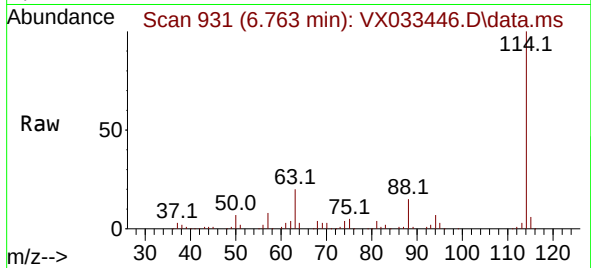




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033446.D
Acq: 15 Dec 2022 16:45

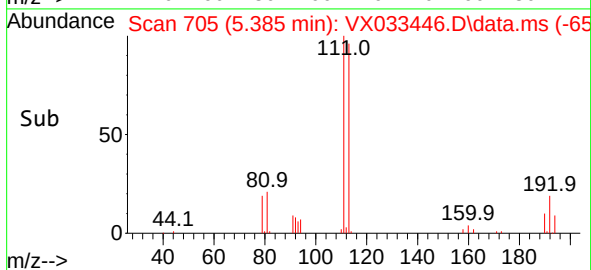
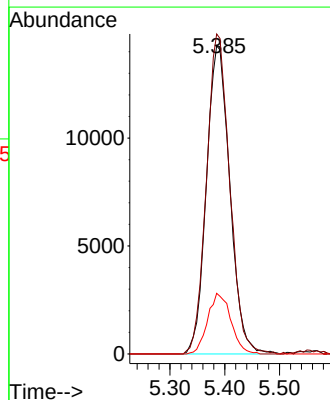
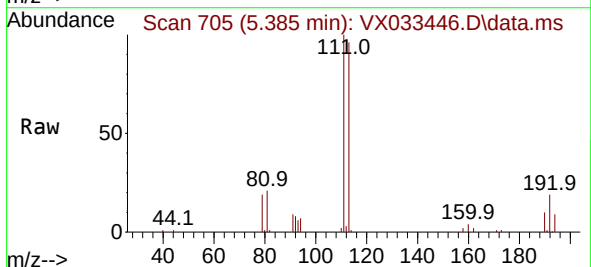
Instrument :
MSVOA_X
ClientSampleId :
WC-SOIL-20221214

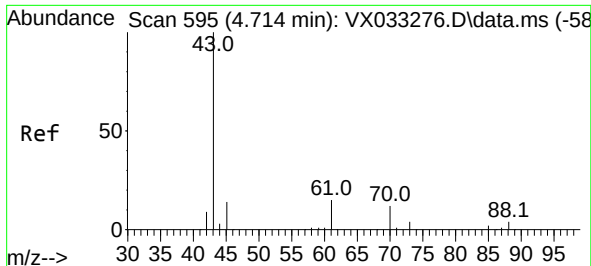
Tgt Ion:114 Resp: 189465
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.764 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033446.D
Acq: 15 Dec 2022 16:45

Tgt Ion:113 Resp: 42408
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.5 15.4 23.2





#37

Ethyl Acetate

Concen: 8.806 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033446.D

Acq: 15 Dec 2022 16:45

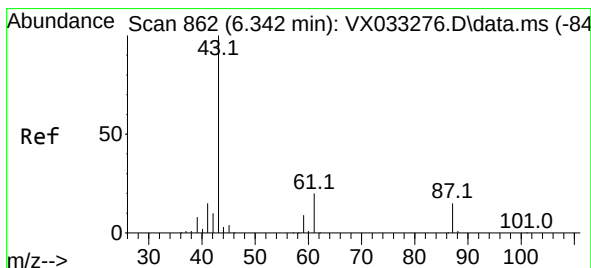
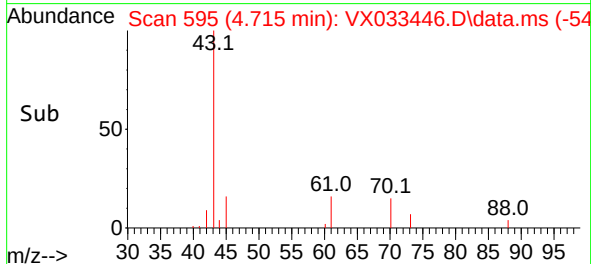
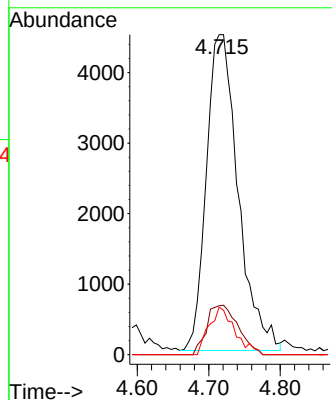
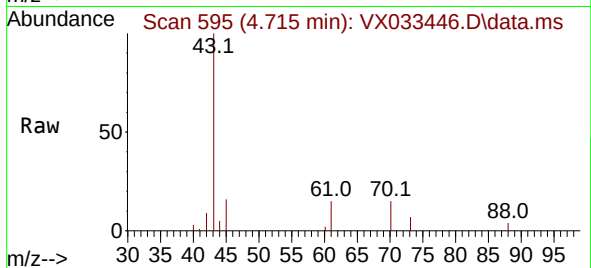
Instrument :

MSVOA_X

ClientSampleId :

WC-SOIL-20221214

Tgt Ion:	43	Resp:	13830
Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.5	17.3
70	12.2	9.1	13.7



#43

Isopropyl Acetate

Concen: 26.083 ug/l

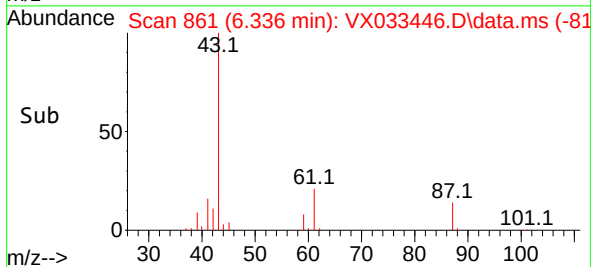
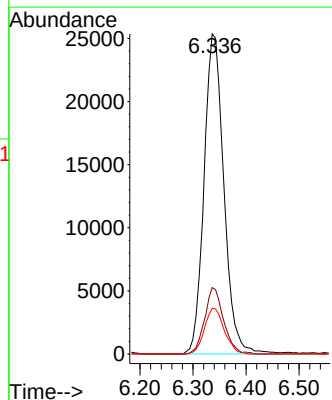
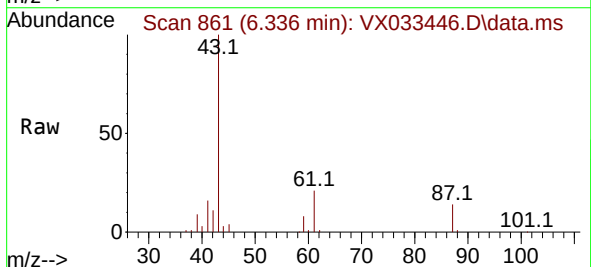
RT: 6.336 min Scan# 861

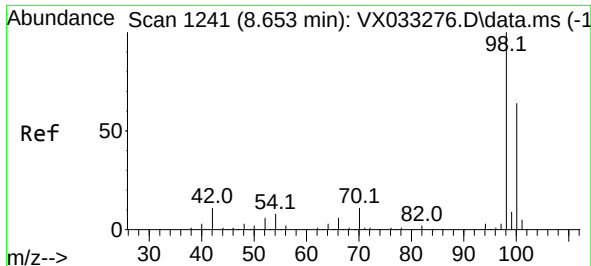
Delta R.T. -0.006 min

Lab File: VX033446.D

Acq: 15 Dec 2022 16:45

Tgt Ion:	43	Resp:	65913
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	14.2	10.8	16.2

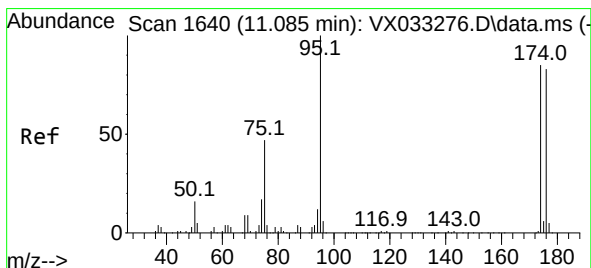
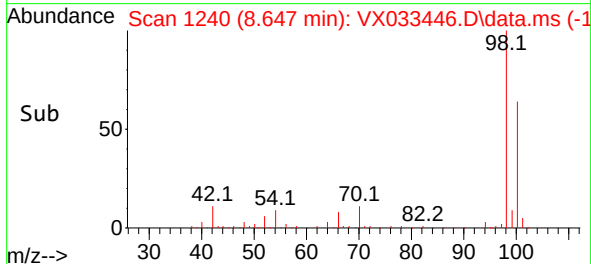
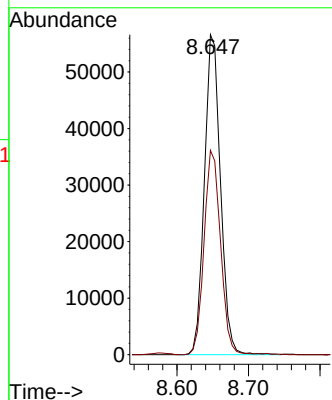
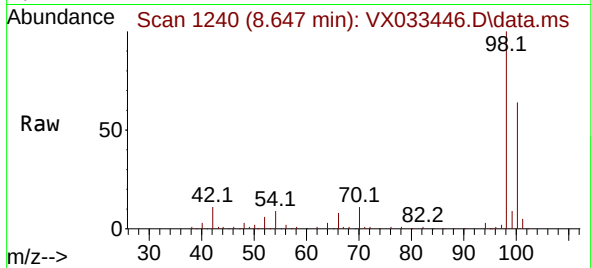




#50
Toluene-d8
Concen: 49.678 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033446.D
Acq: 15 Dec 2022 16:45

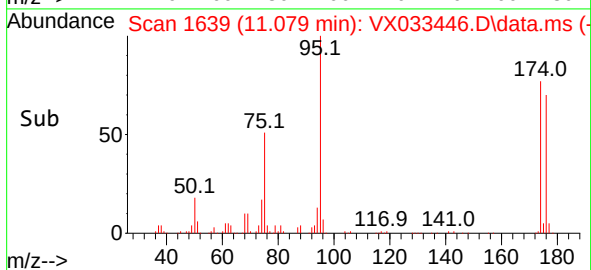
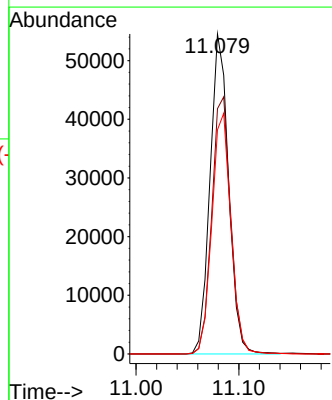
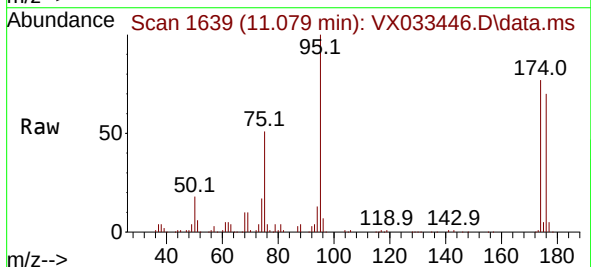
Instrument :
MSVOA_X
ClientSampleId :
WC-SOIL-20221214

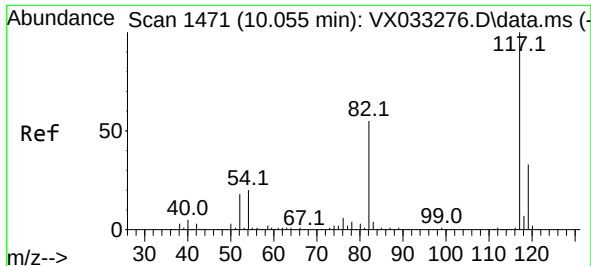
Tgt Ion: 98 Resp: 88562
Ion Ratio Lower Upper
98 100
100 65.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033446.D
Acq: 15 Dec 2022 16:45

Tgt Ion: 95 Resp: 68474
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 77.3 0.0 154.4

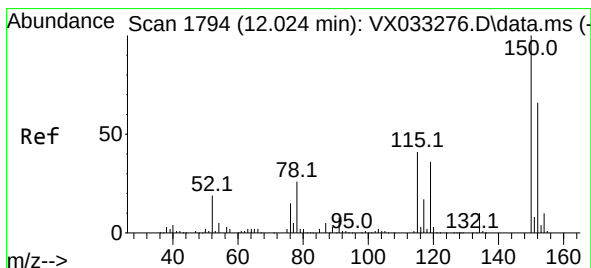
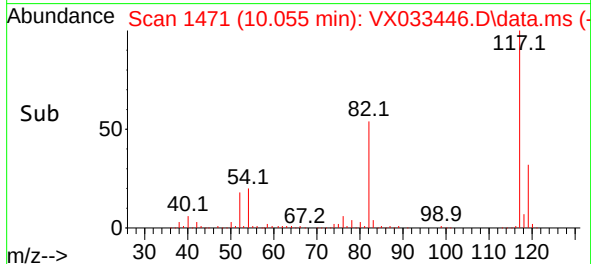
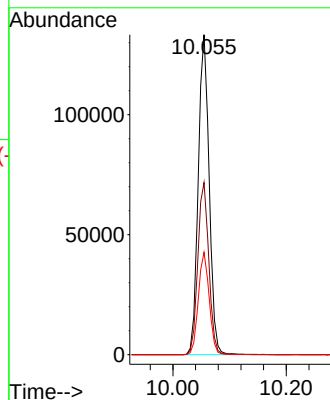
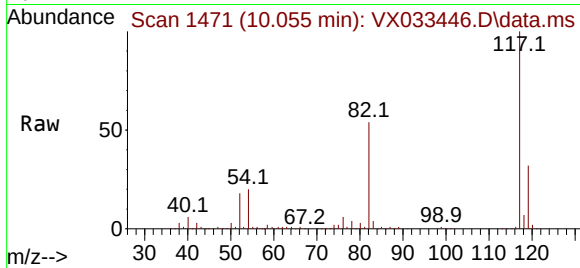




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033446.D
Acq: 15 Dec 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 177942
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033446.D
Acq: 15 Dec 2022 16:45

Tgt Ion:152 Resp: 79526
Ion Ratio Lower Upper
152 100
115 59.0 44.0 132.0
150 154.7 0.0 351.8

