

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032167.D
 Acq On : 17 Oct 2022 20:32
 Operator : JC/MD
 Sample : N5133-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HAS-SOIL-1013

Quant Time: Oct 18 04:25:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 04:18:35 2022
 Response via : Initial Calibration

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

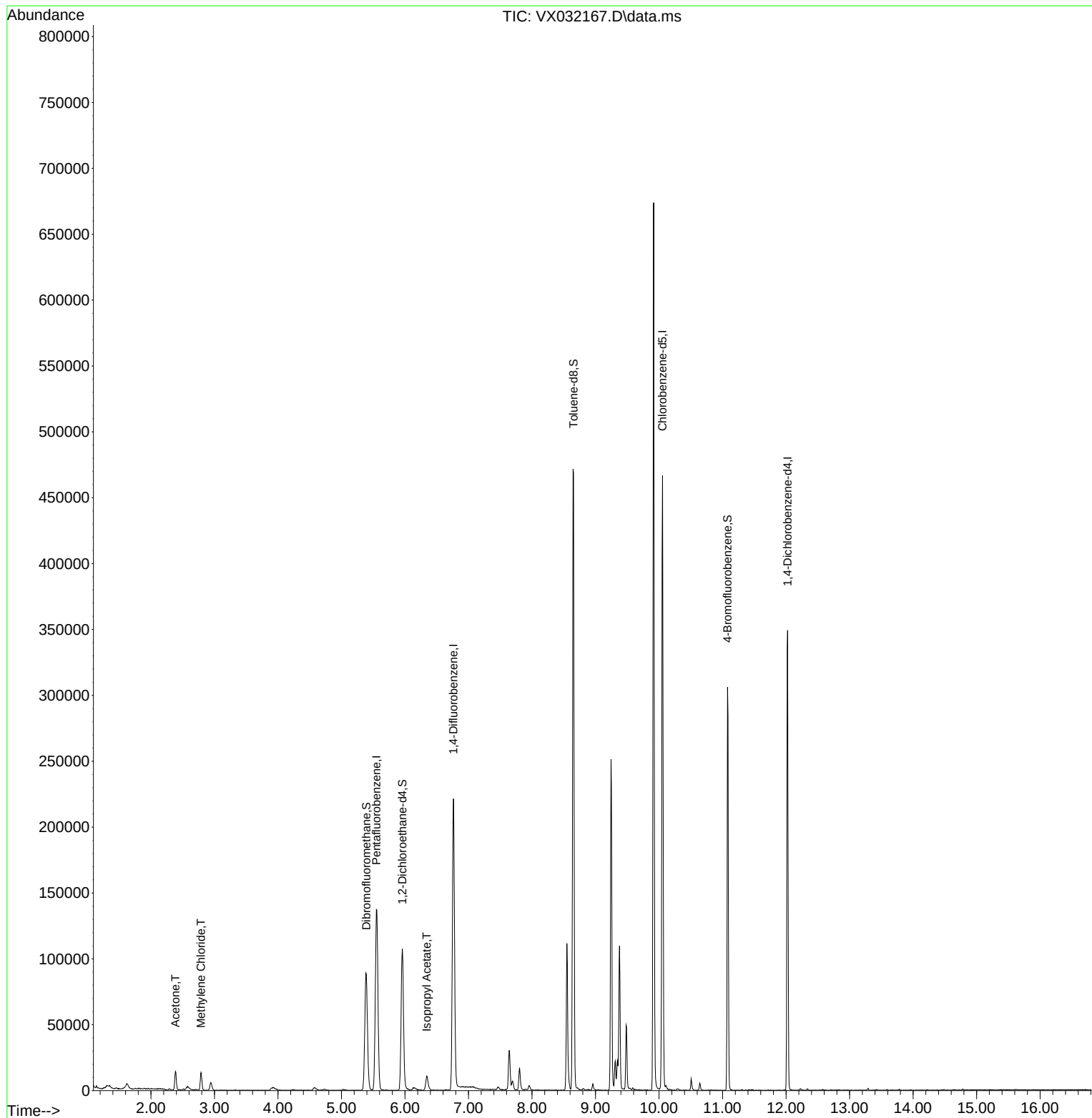
Internal Standards						
1) Pentafluorobenzene	5.550	168	123324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107424	54.692	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.380%	
35) Dibromofluoromethane	5.391	113	75785	52.031	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.060%	
50) Toluene-d8	8.653	98	274967	53.822	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	11.079	95	77919	40.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 80.120%#	
Target Compounds						
						Qvalue
16) Acetone	2.386	43	16398	34.722	ug/l	95
20) Methylene Chloride	2.788	84	5835	4.019	ug/l	97
43) Isopropyl Acetate	6.342	43	15036	4.718	ug/l	99

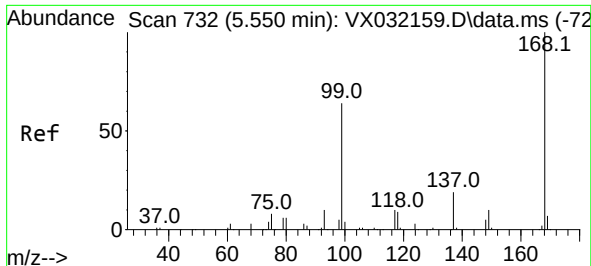
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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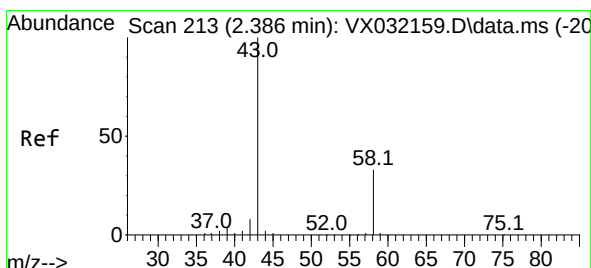
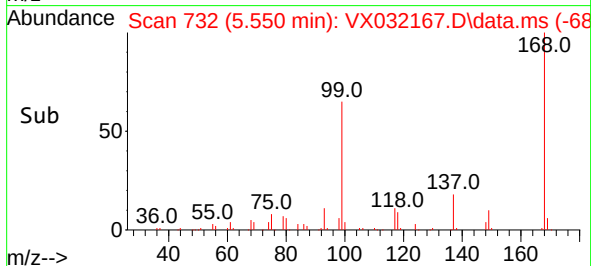
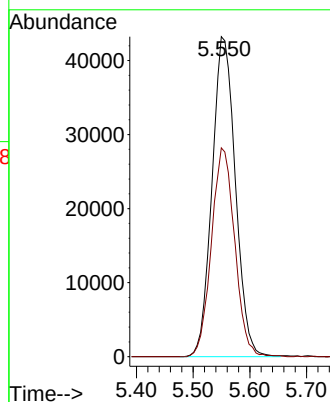
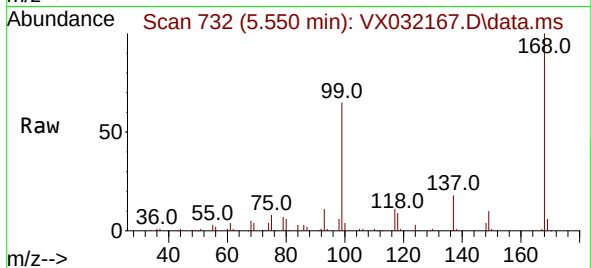




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX032167.D
Acq: 17 Oct 2022 20:32

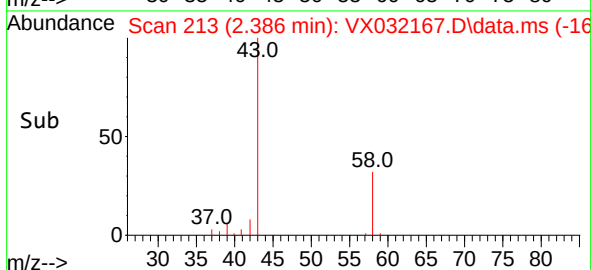
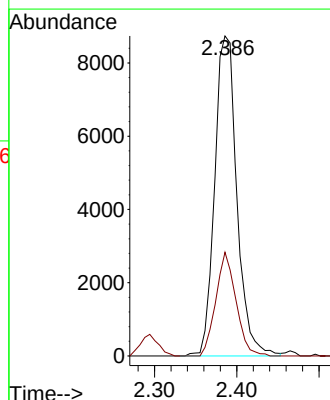
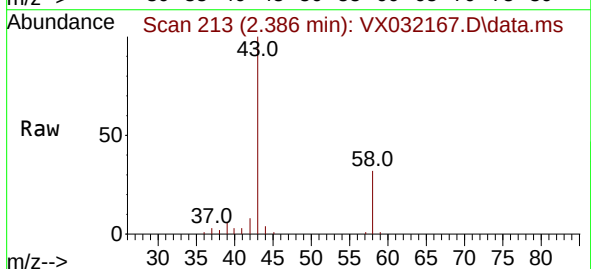
Instrument :
MSVOA_X
ClientSampleId :
HAS-SOIL-1013

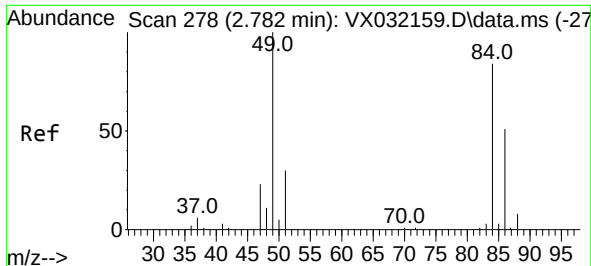
Tgt Ion:168 Resp: 123324
Ion Ratio Lower Upper
168 100
99 65.2 48.8 73.2



#16
Acetone
Concen: 34.722 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX032167.D
Acq: 17 Oct 2022 20:32

Tgt Ion: 43 Resp: 16398
Ion Ratio Lower Upper
43 100
58 32.4 23.8 35.8



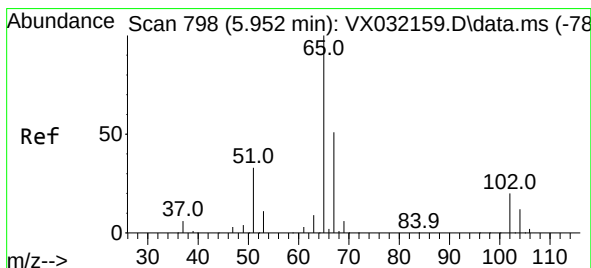
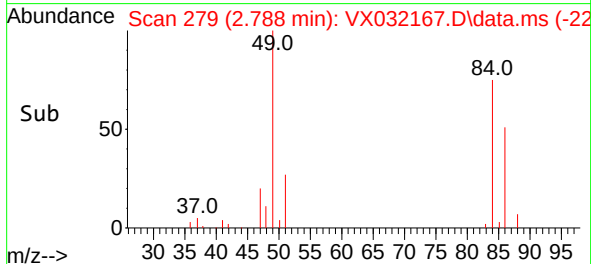
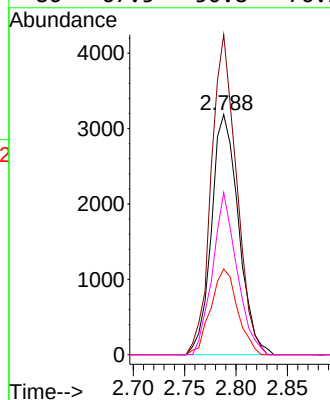
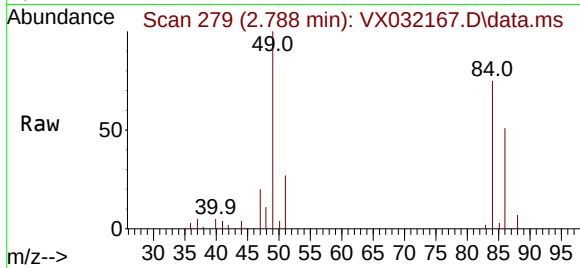


#20
Methylene Chloride
Concen: 4.019 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032167.D
Acq: 17 Oct 2022 20:32

Instrument :
MSVOA_X
ClientSampleId :
HAS-SOIL-1013

Tgt Ion: 84 Resp: 5835

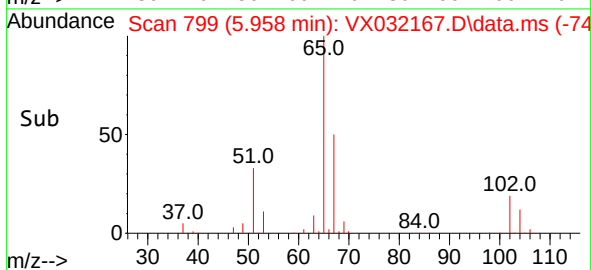
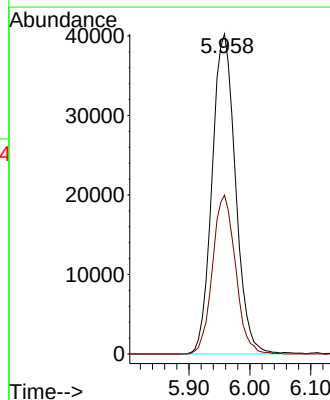
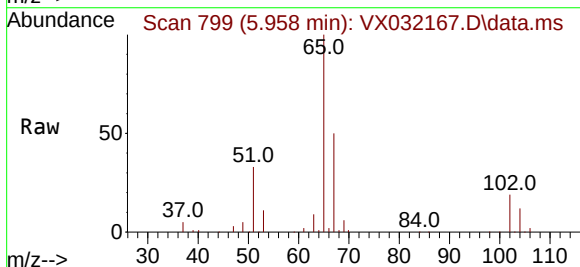
Ion	Ratio	Lower	Upper
84	100		
49	133.2	105.9	158.9
51	35.7	32.2	48.2
86	67.5	50.8	76.2

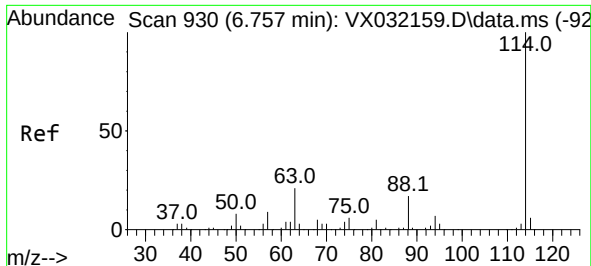


#33
1,2-Dichloroethane-d4
Concen: 54.692 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032167.D
Acq: 17 Oct 2022 20:32

Tgt Ion: 65 Resp: 107424

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	102.4

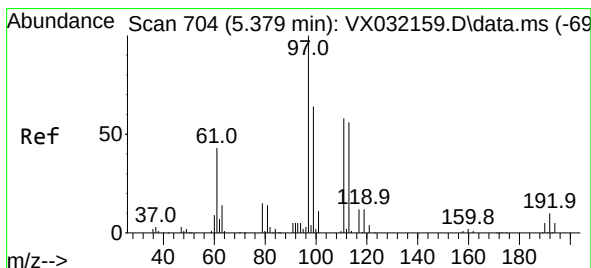
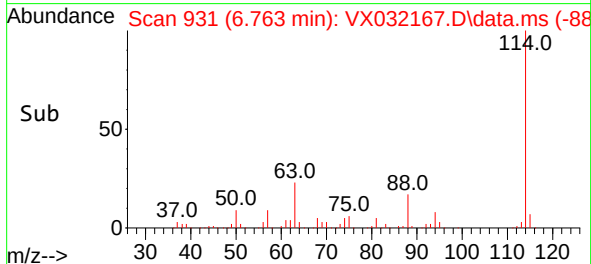
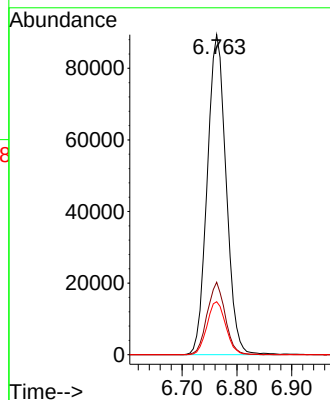
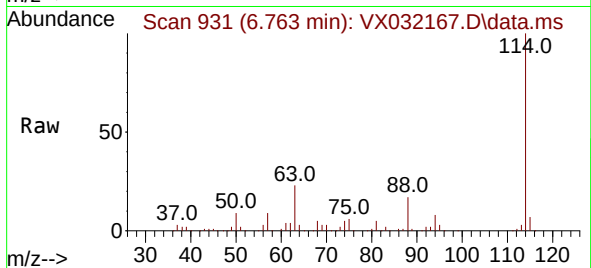




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX032167.D
Acq: 17 Oct 2022 20:32

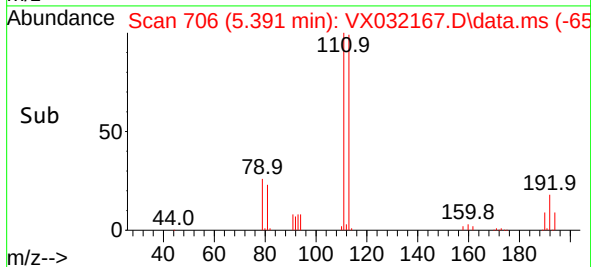
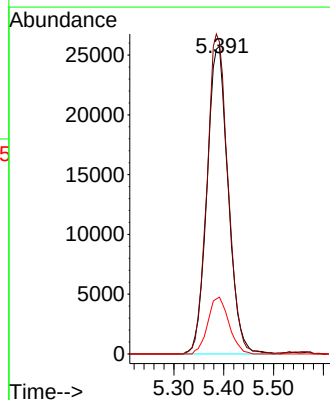
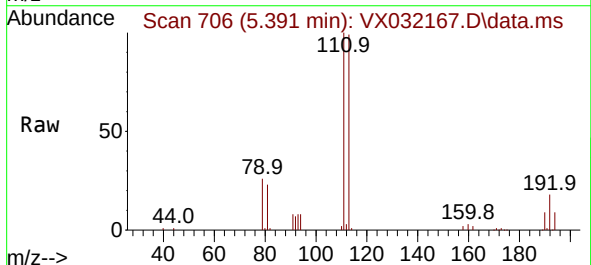
Instrument :
MSVOA_X
ClientSampleId :
HAS-SOIL-1013

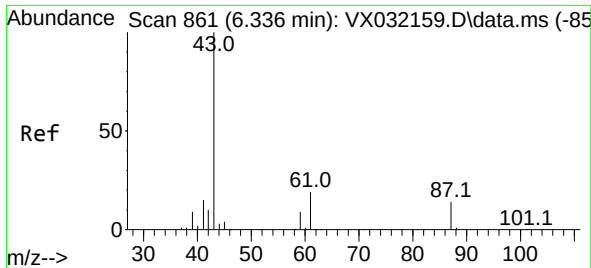
Tgt Ion:114 Resp: 213468
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.6
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.031 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX032167.D
Acq: 17 Oct 2022 20:32

Tgt Ion:113 Resp: 75785
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 18.4 14.1 21.1





#43

Isopropyl Acetate

Concen: 4.718 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX032167.D

Acq: 17 Oct 2022 20:32

Instrument :

MSVOA_X

ClientSampleId :

HAS-SOIL-1013

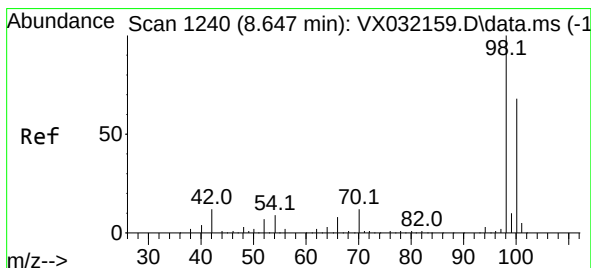
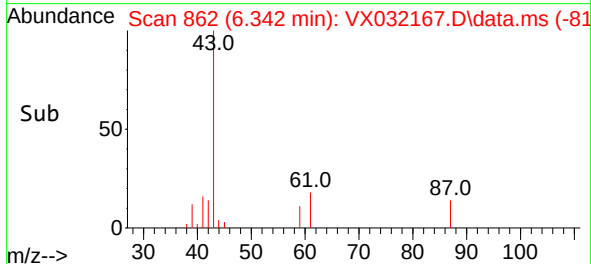
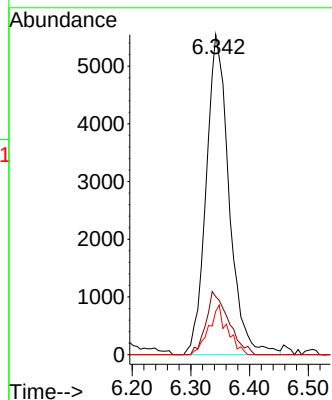
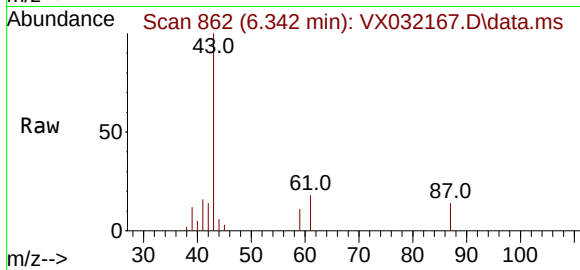
Tgt Ion: 43 Resp: 15036

Ion Ratio Lower Upper

43 100

61 19.5 15.3 22.9

87 12.7 10.6 15.8



#50

Toluene-d8

Concen: 53.822 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX032167.D

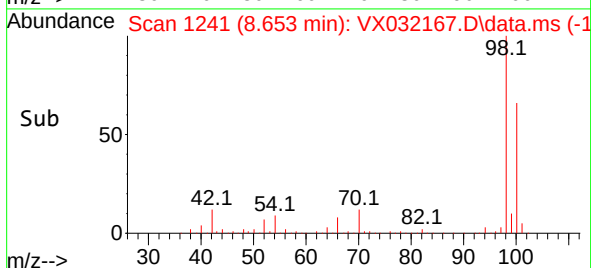
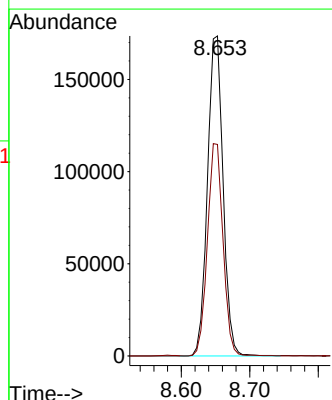
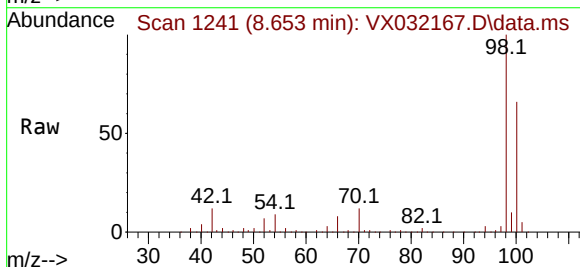
Acq: 17 Oct 2022 20:32

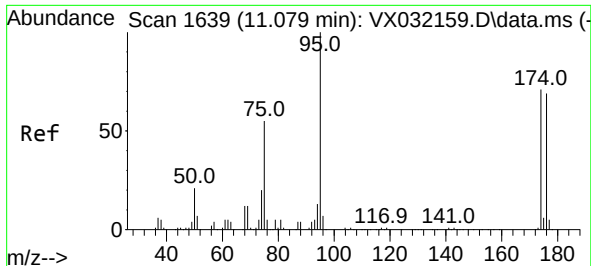
Tgt Ion: 98 Resp: 274967

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7

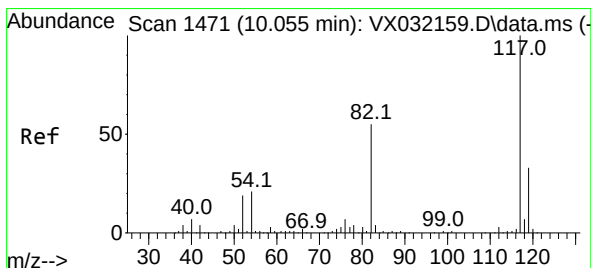
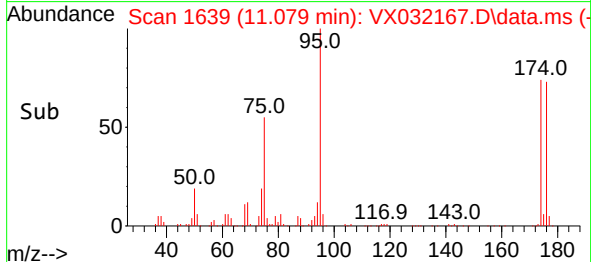
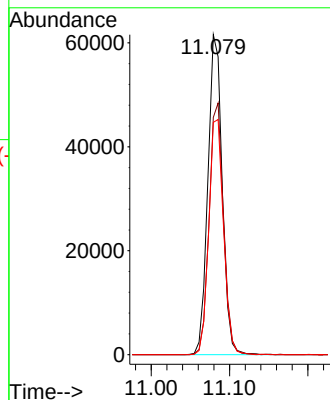
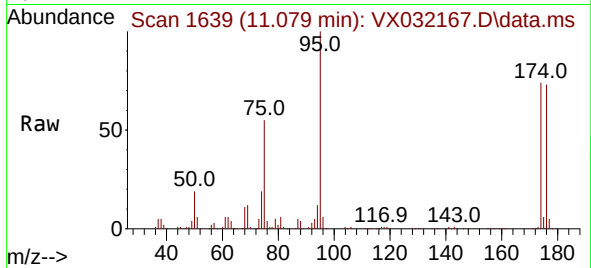




#62
4-Bromofluorobenzene
Concen: 40.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032167.D
Acq: 17 Oct 2022 20:32

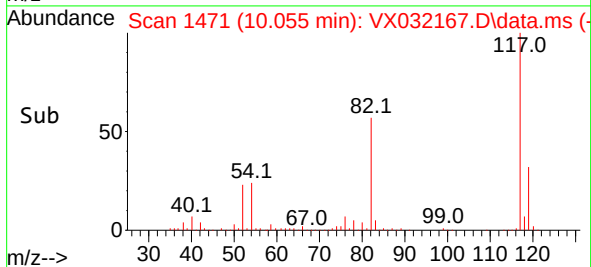
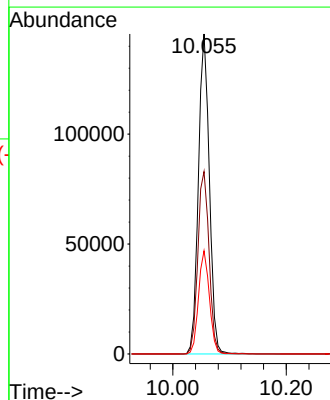
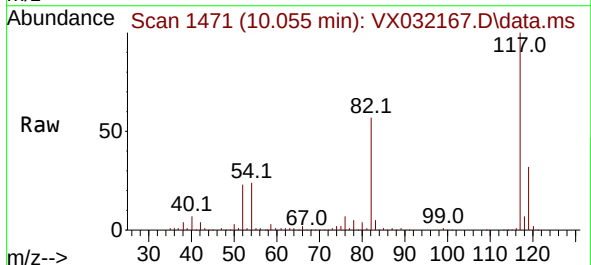
Instrument :
MSVOA_X
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HAS-SOIL-1013

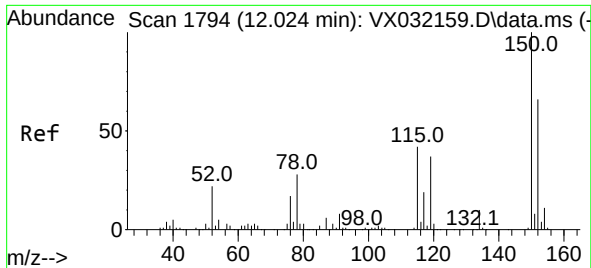
Tgt Ion: 95 Resp: 77919
Ion Ratio Lower Upper
95 100
174 79.3 0.0 153.2
176 75.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032167.D
Acq: 17 Oct 2022 20:32

Tgt Ion: 117 Resp: 195036
Ion Ratio Lower Upper
117 100
82 57.0 46.8 70.2
119 32.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032167.D

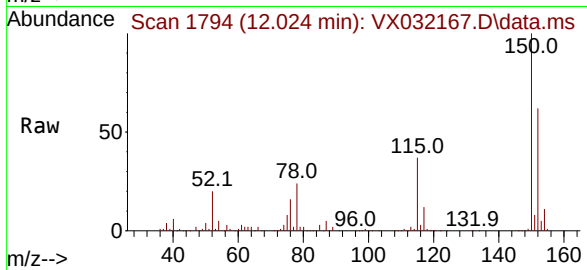
Acq: 17 Oct 2022 20:32

Instrument :

MSVOA_X

ClientSampleId :

HAS-SOIL-1013



Tgt Ion:152 Resp: 70136

Ion Ratio Lower Upper

152 100

115 60.8 43.4 130.1

150 161.3 0.0 346.8

