

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005478.D
 Acq On : 22 Oct 2018 18:46
 Operator : JC/MD
 Sample : J5606-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-PILE

Quant Time: Oct 23 02:22:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

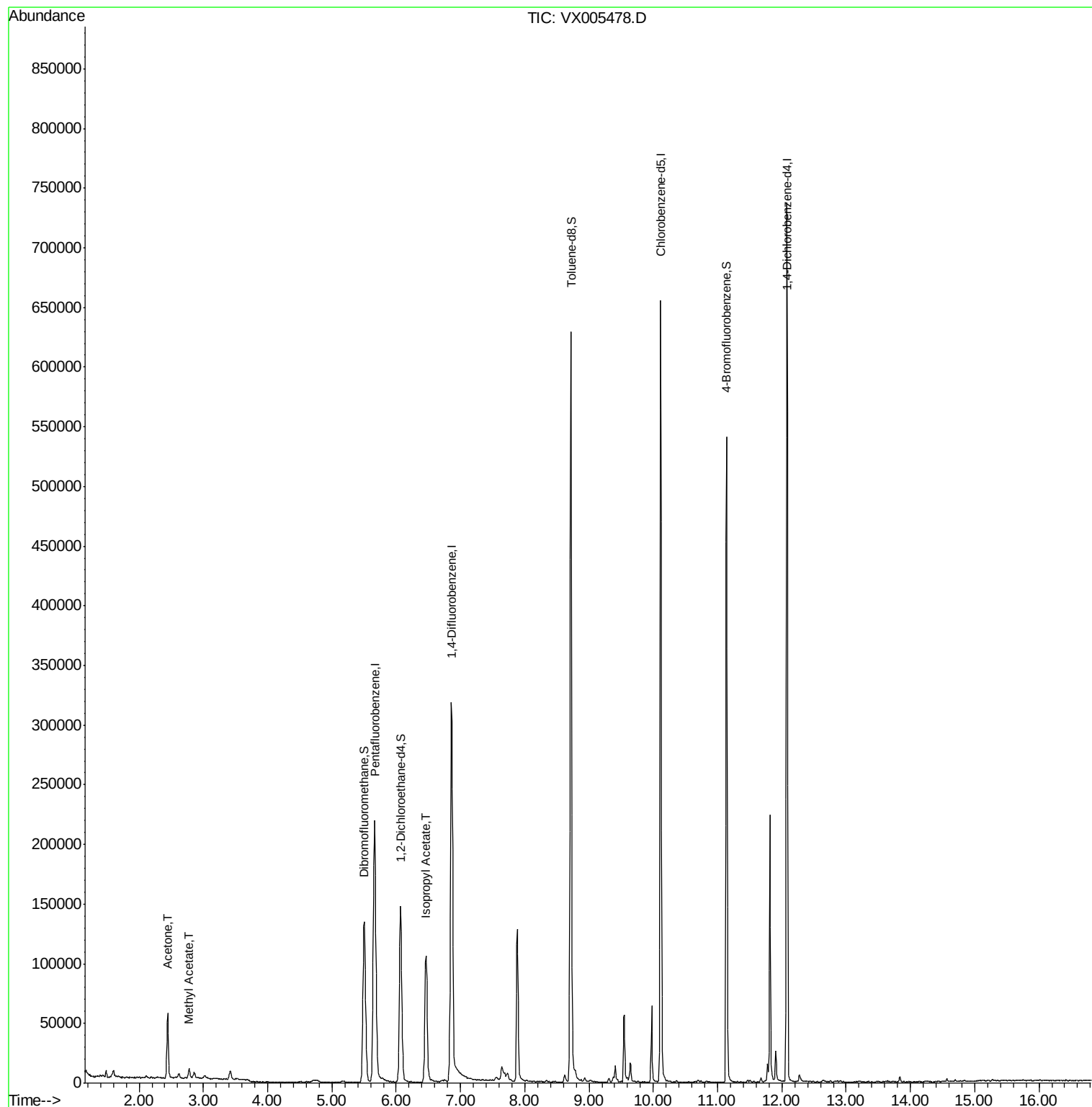
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	147919	58.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.32%	
35) Dibromofluoromethane	5.49	113	115098	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	8.72	98	401946	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.14	95	132573	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
16) Acetone	2.45	43	55366	37.976	ug/l #	87
18) Methyl Acetate	2.78	43	9367	2.258	ug/l	95
43) Isopropyl Acetate	6.45	43	152771	27.371	ug/l	94

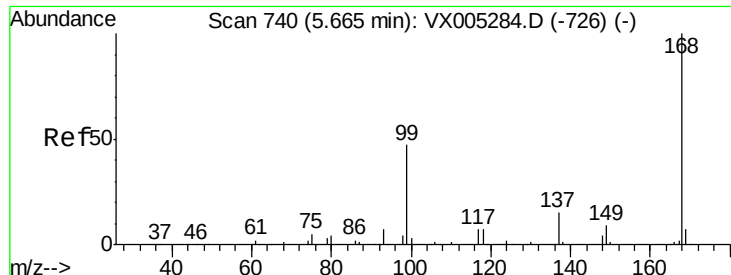
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005478.D

Acq: 22 Oct 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

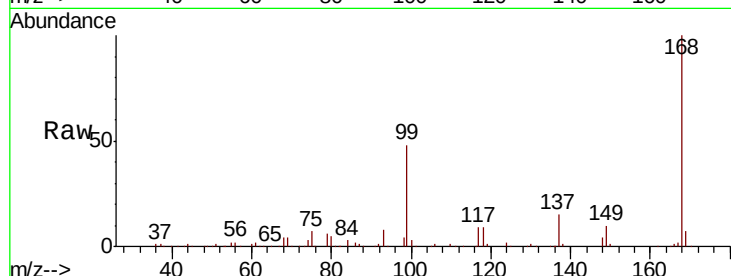
SOIL-PILE

Tot Ion:168 Resp: 227196

Ion Ratio Lower Upper

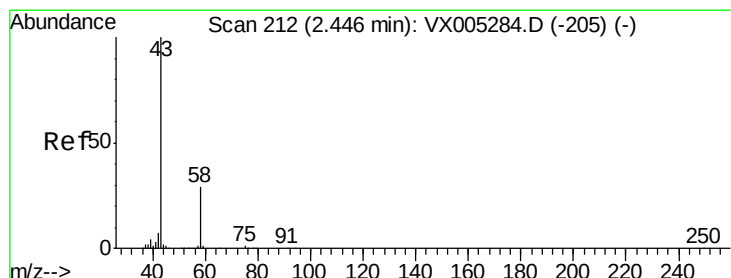
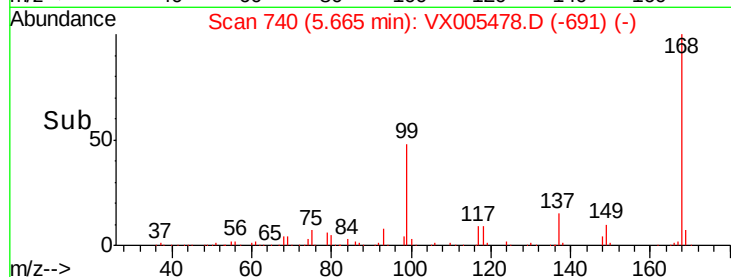
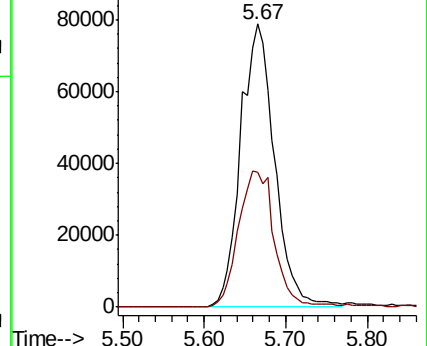
168 100

99 47.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 37.976 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005478.D

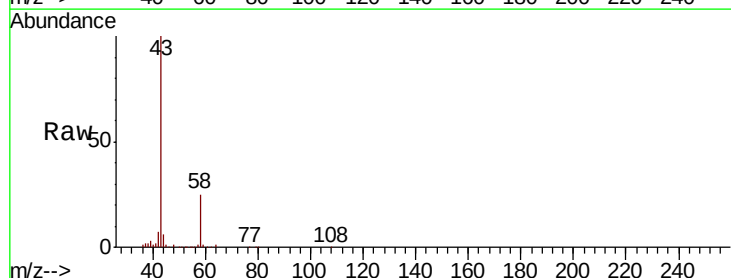
Acq: 22 Oct 2018 18:46

Tgt Ion: 43 Resp: 55366

Ion Ratio Lower Upper

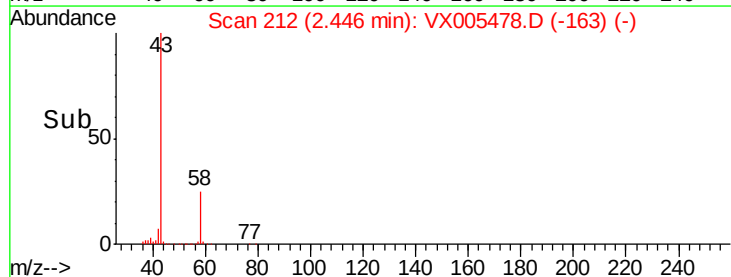
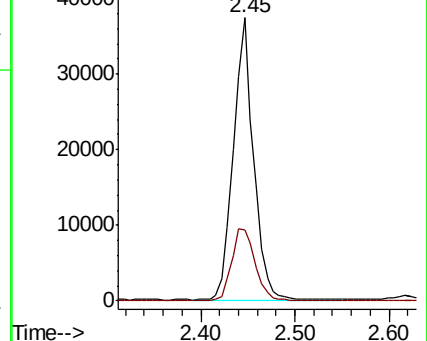
43 100

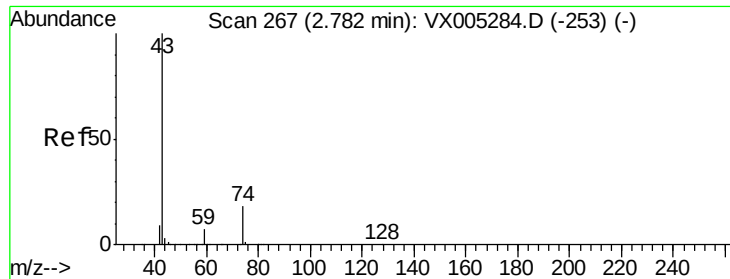
58 25.3 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

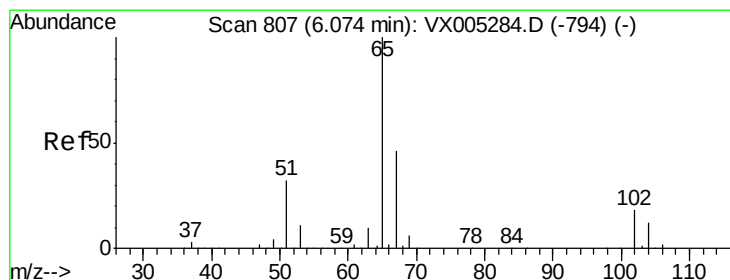
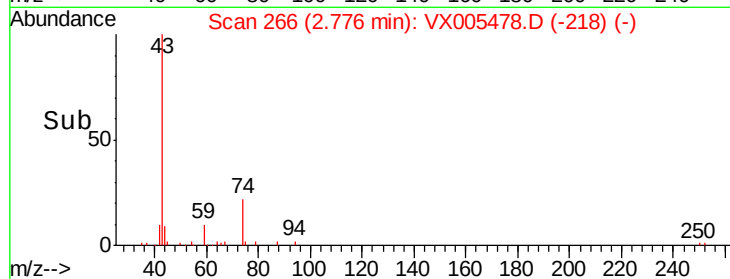
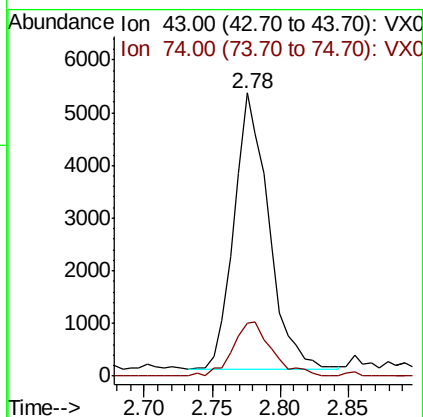
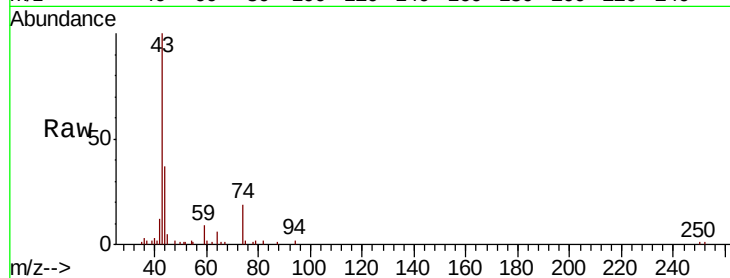




#18
Methyl Acetate
Concen: 2.258 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005478.D
Acq: 22 Oct 2018 18:46

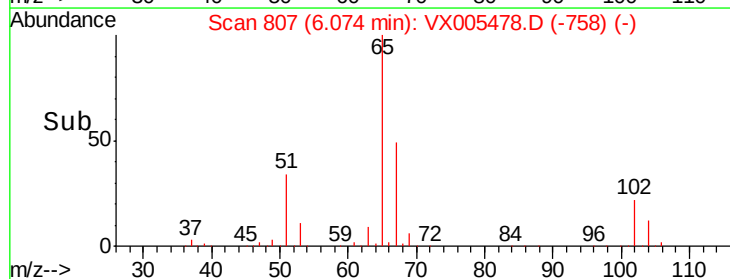
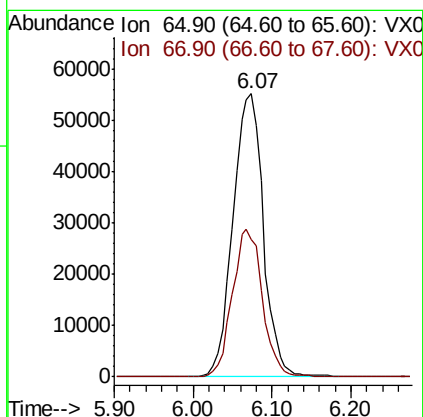
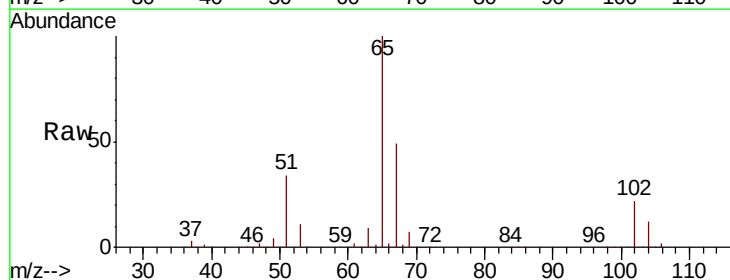
Instrument :
MSVOA_X
ClientSampleId :
SOIL-PILE

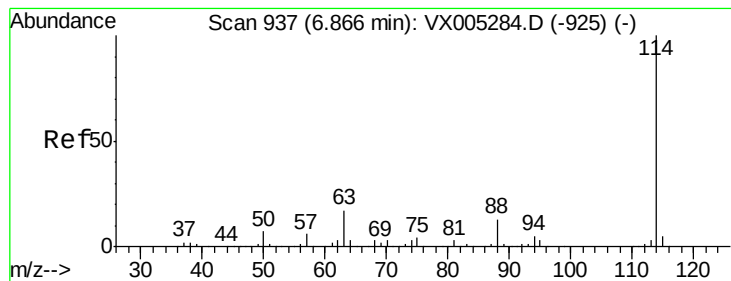
Tot Ion: 43 Resp: 9367
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 58.662 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX005478.D
Acq: 22 Oct 2018 18:46

Tgt Ion: 65 Resp: 147919
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005478.D

Acq: 22 Oct 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

SOIL-PILE

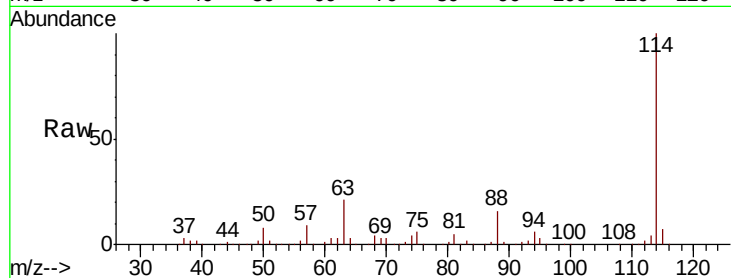
Tot Ion:114 Resp: 336407

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

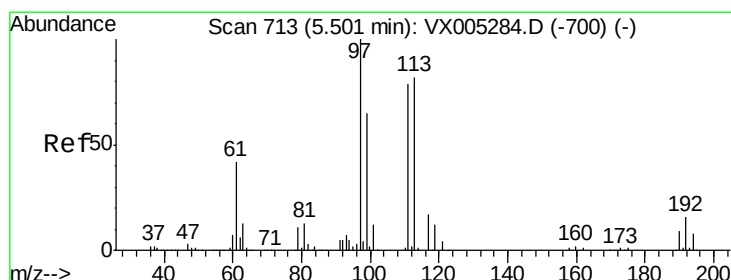
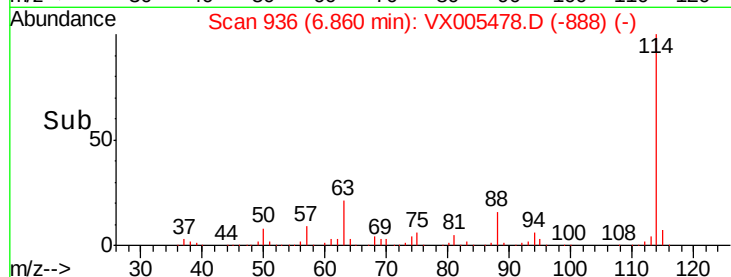
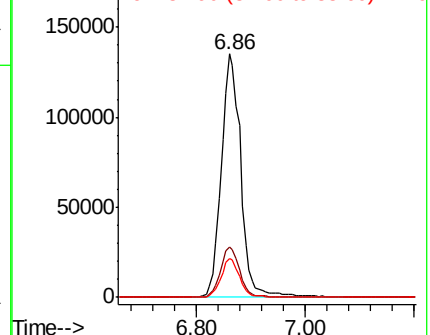
88 16.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.657 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005478.D

Acq: 22 Oct 2018 18:46

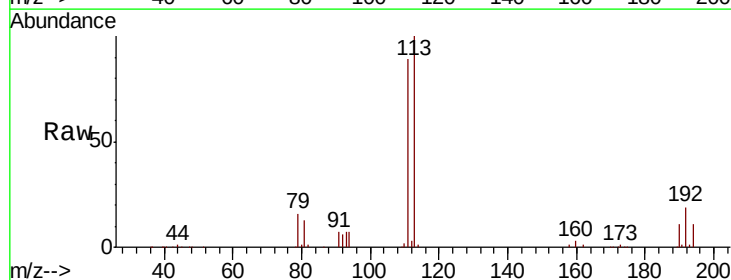
Tgt Ion:113 Resp: 115098

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

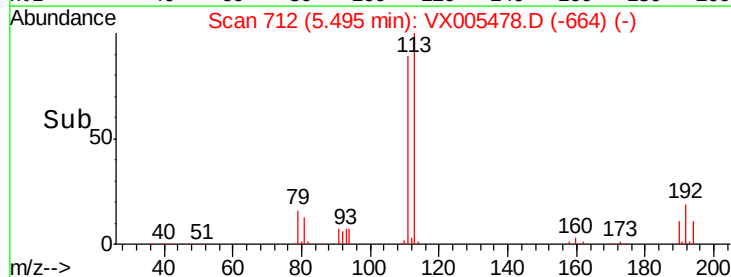
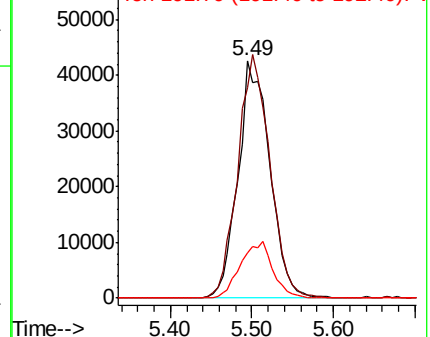
192 24.3 19.4 29.2

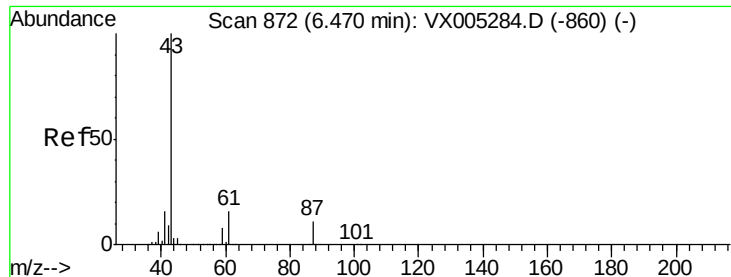


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 27.371 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.02 min

Lab File: VX005478.D

Acq: 22 Oct 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

SOIL-PILE

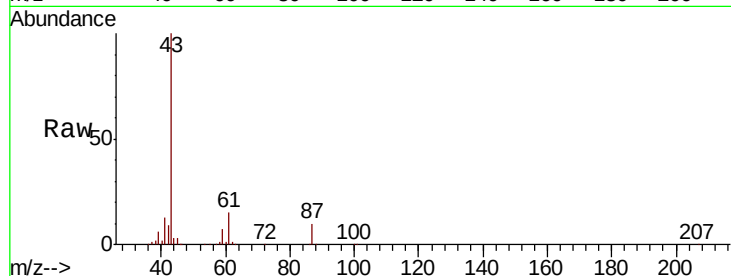
Tot Ion: 43 Resp: 152771

Ion Ratio Lower Upper

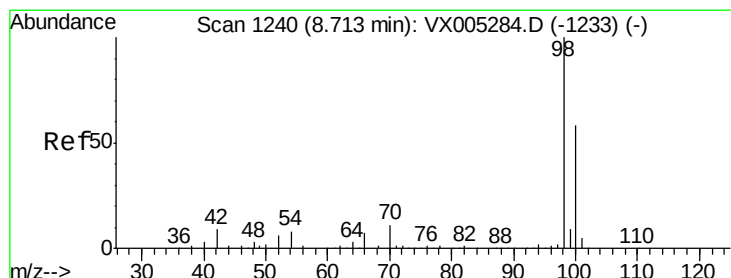
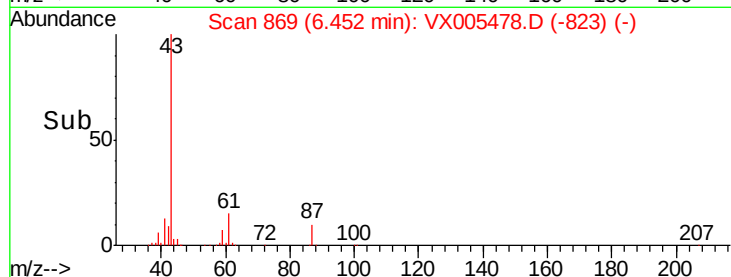
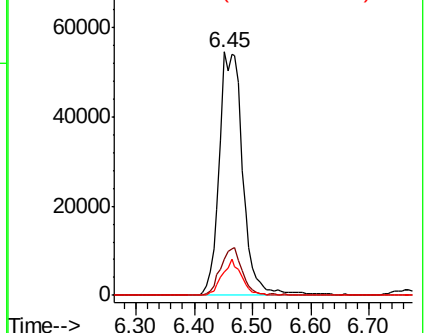
43 100

61 18.2 17.0 25.4

87 12.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.547 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005478.D

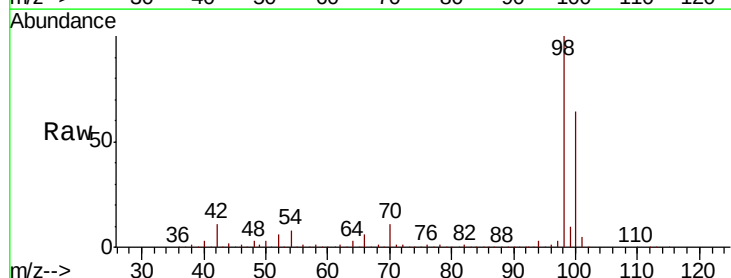
Acq: 22 Oct 2018 18:46

Tgt Ion: 98 Resp: 401946

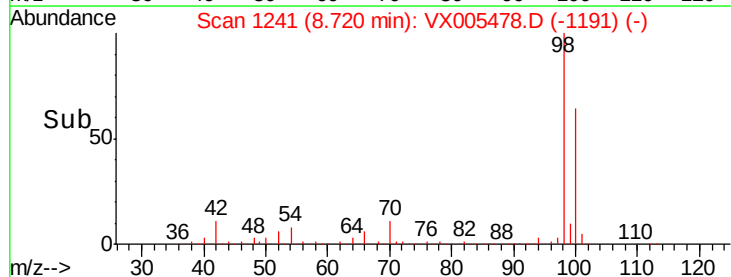
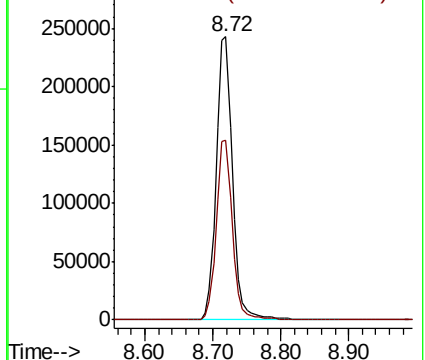
Ion Ratio Lower Upper

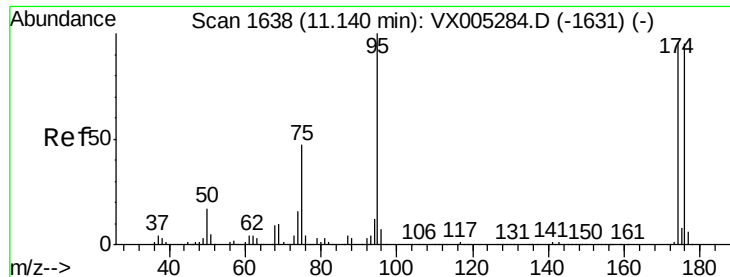
98 100

100 63.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

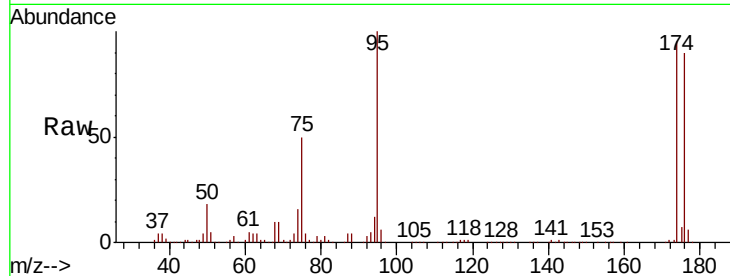




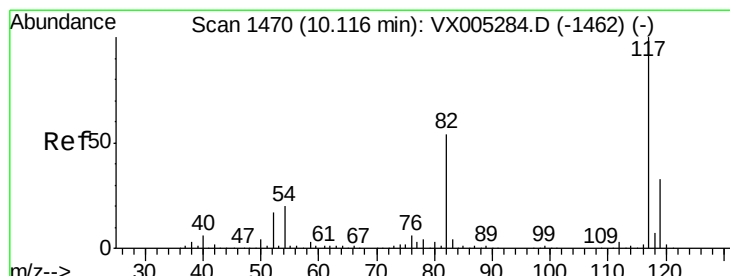
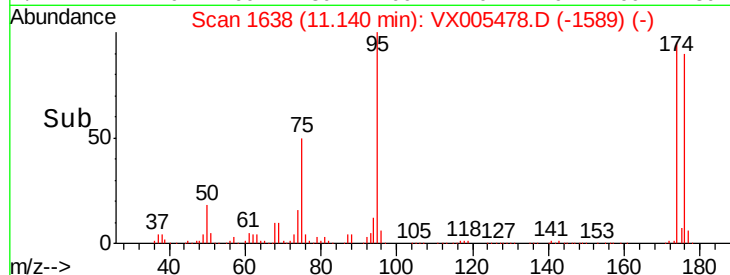
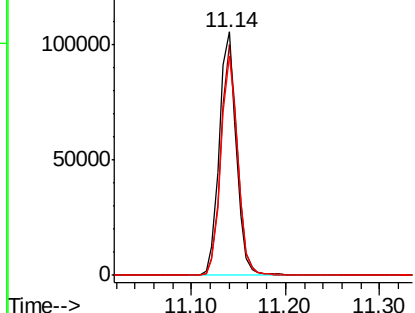
#62
4-Bromofluorobenzene
Concen: 46.136 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005478.D
Acq: 22 Oct 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
SOIL-PILE

Tot Ion: 95 Resp: 132573
Ion Ratio Lower Upper
95 100
174 93.2 0.0 185.2
176 89.4 0.0 178.6

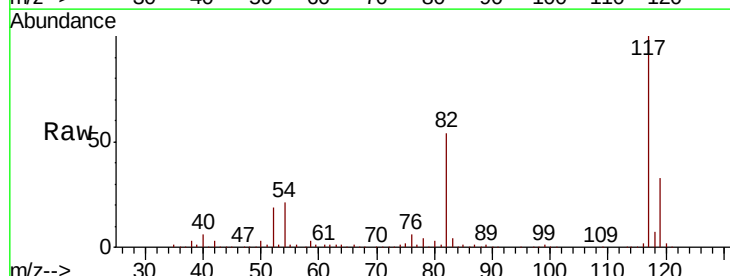


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

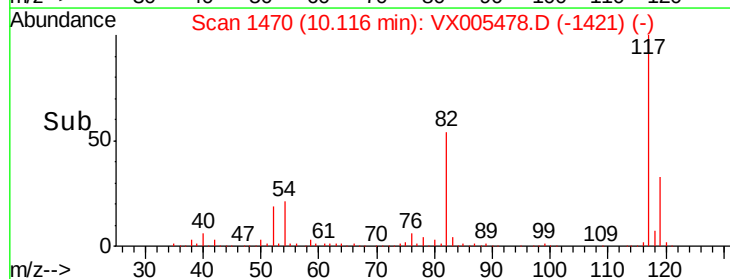
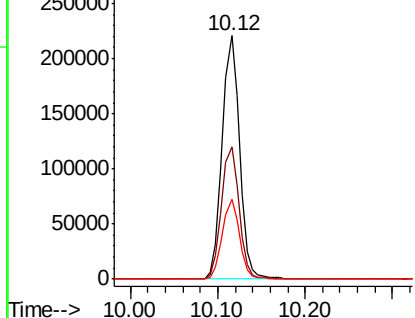


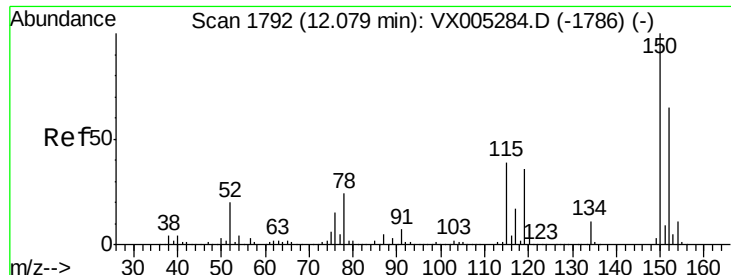
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005478.D
Acq: 22 Oct 2018 18:46

Tgt Ion: 117 Resp: 304524
Ion Ratio Lower Upper
117 100
82 54.3 47.8 71.6
119 33.0 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005478.D
 Acq: 22 Oct 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.0	117.0
150	158.1	0.0	351.0

