

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002372.D
 Acq On : 07 Jun 2018 12:47
 Operator : JC/MD
 Sample : J3300-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROCKPILE-SANDPILE

Quant Time: Jun 07 14:58:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

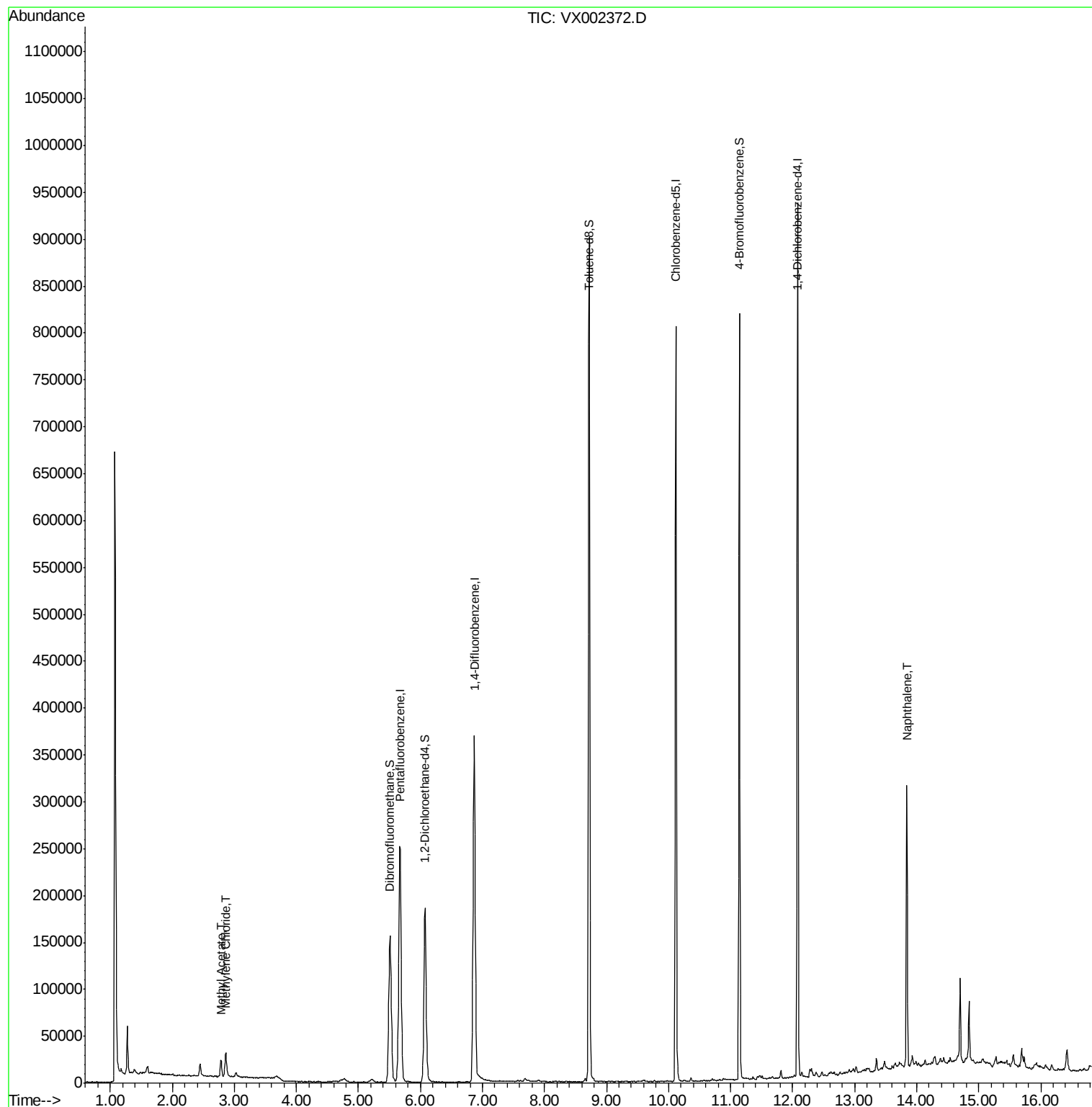
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175905	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	5.51	113	126897	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
50) Toluene-d8	8.72	98	520149	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	187121	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
Target Compounds						
18) Methyl Acetate	2.78	43	21569	3.576	ug/l	97
20) Methylene Chloride	2.86	84	12060	1.635	ug/l	94
95) Naphthalene	13.84	128	181951	12.999	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

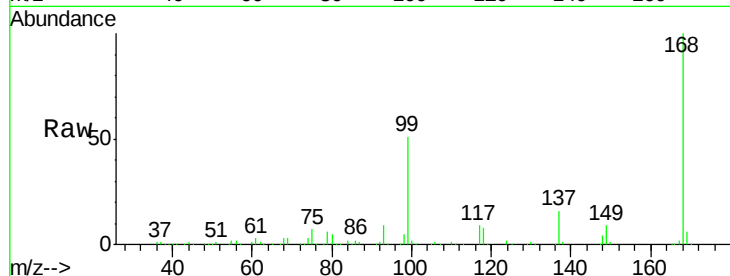
ROCKPILE-SANDPILE

Tgt Ion:168 Resp: 247568

Ion Ratio Lower Upper

168 100

99 50.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

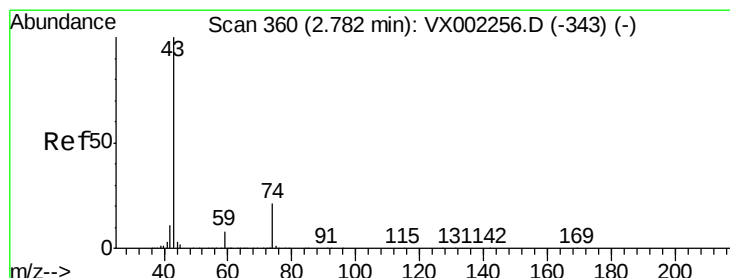
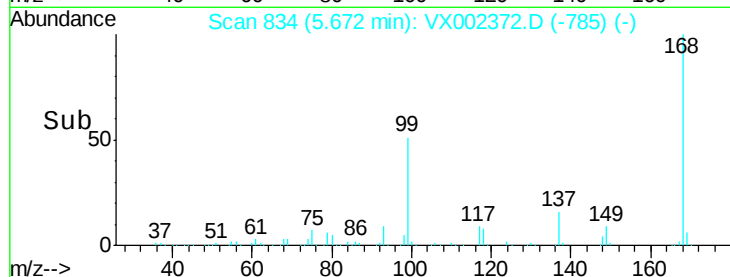
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 3.576 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002372.D

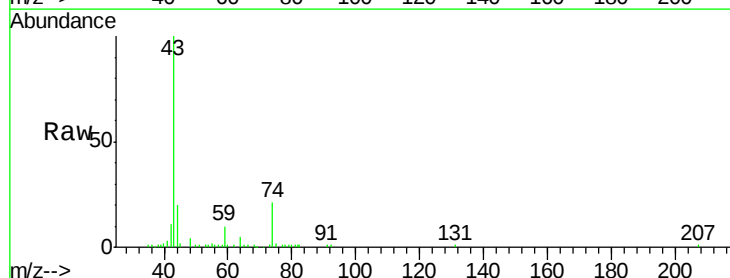
Acq: 07 Jun 2018 12:47

Tgt Ion: 43 Resp: 21569

Ion Ratio Lower Upper

43 100

74 22.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

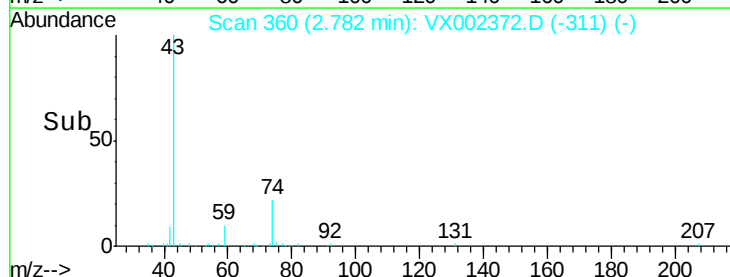
2.78

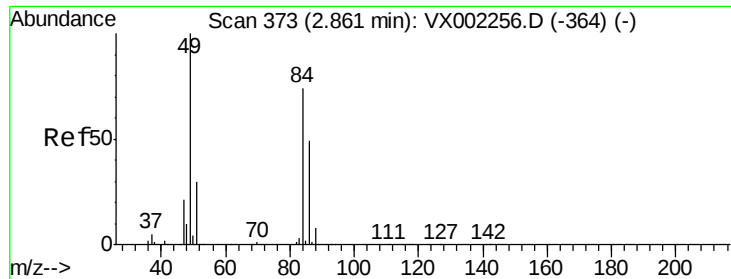
10000

5000

0

Time--> 2.70 2.75 2.80 2.85

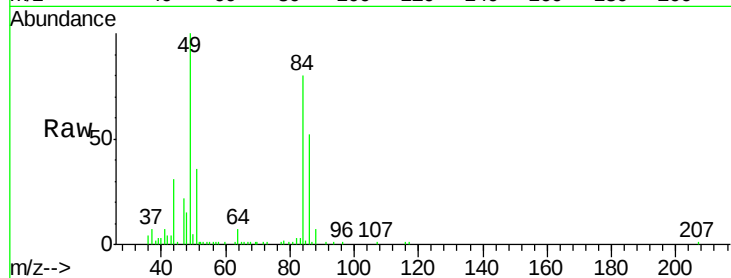




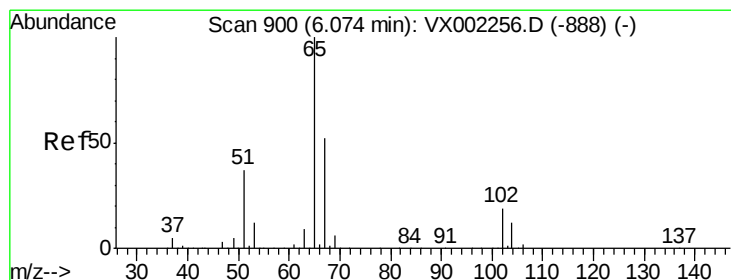
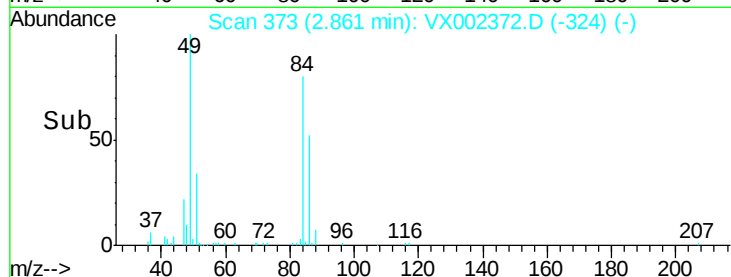
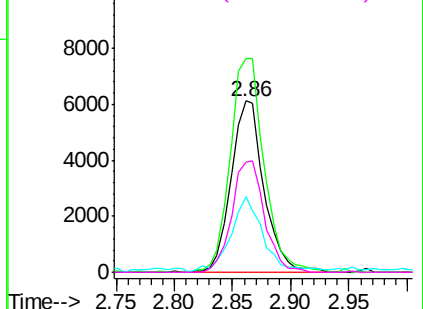
#20
Methylene Chloride
Concen: 1.635 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
ROCKPILE-SANDPILE

Tgt Ion: 84 Resp: 12060
Ion Ratio Lower Upper
84 100
49 124.6 107.8 161.6
51 44.4 32.8 49.2
86 64.6 52.5 78.7

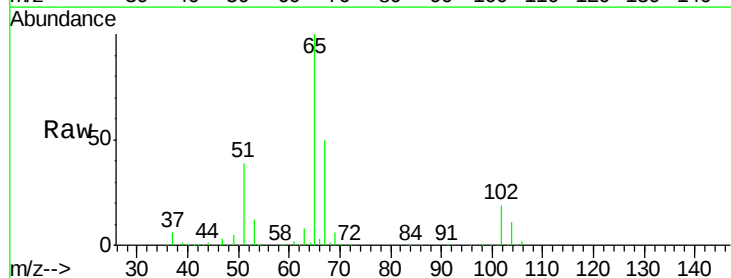


Abundance Ion 83.90 (83.60 to 84.60): VX0
12000 Ion 48.90 (48.60 to 49.60): VX0
10000 Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

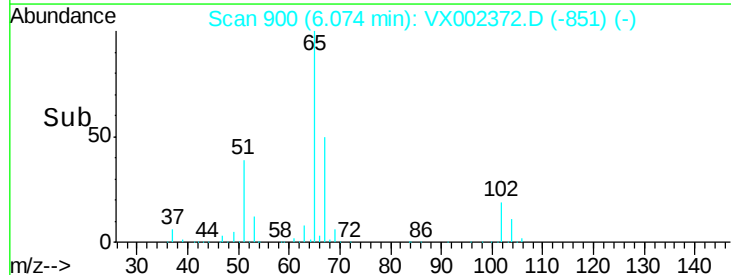
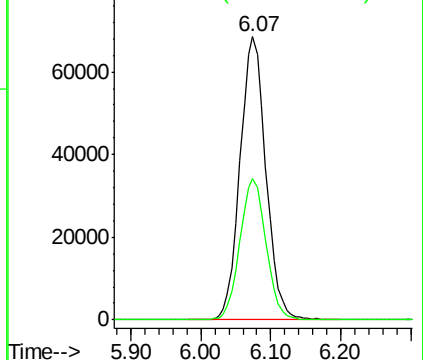


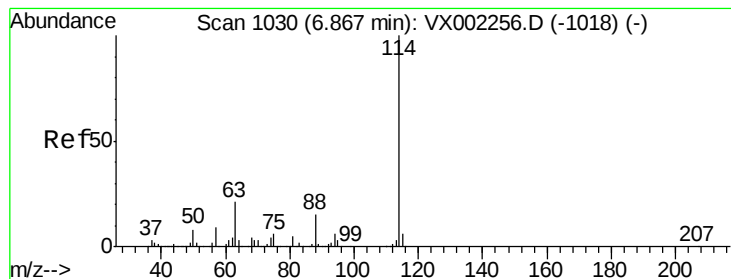
#33
1,2-Dichloroethane-d4
Concen: 49.664 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

Tgt Ion: 65 Resp: 175905
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
80000 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

ROCKPILE-SANDPILE

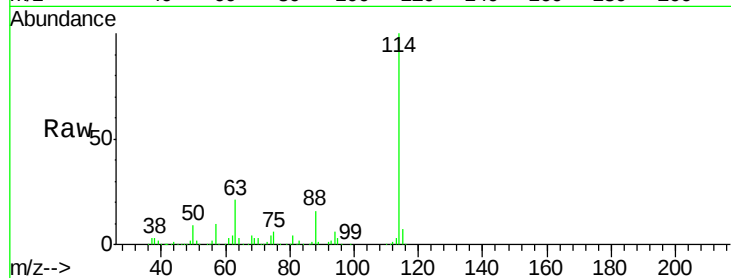
Tgt Ion:114 Resp: 361860

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

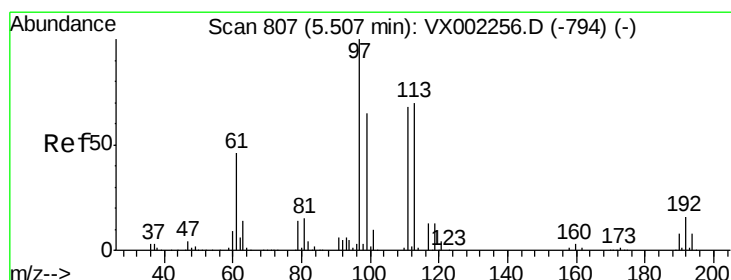
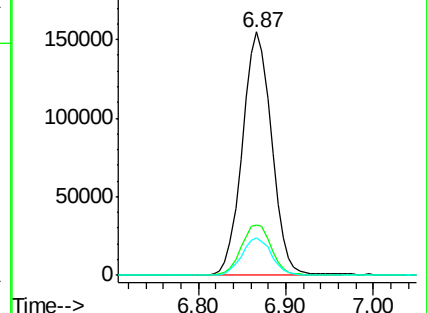
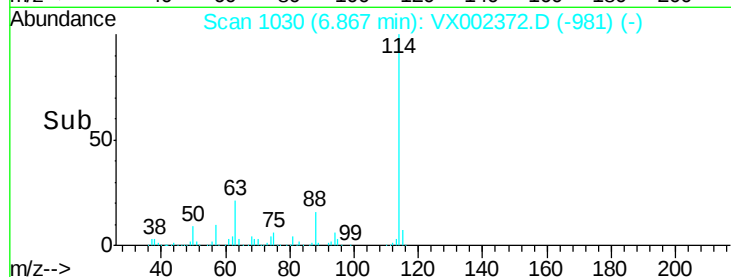
88 15.6 0.0 30.0



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: 44.593 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

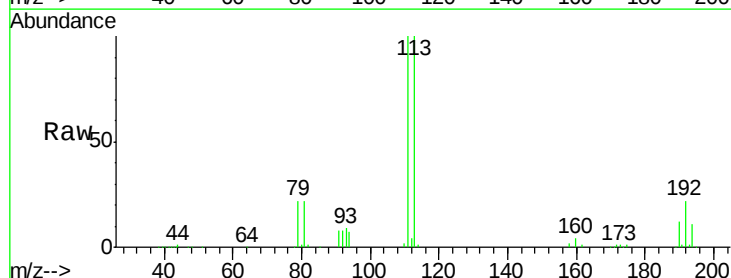
Tgt Ion:113 Resp: 126897

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

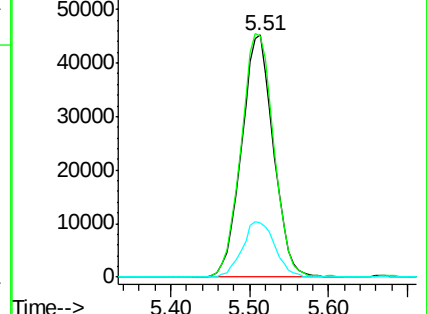
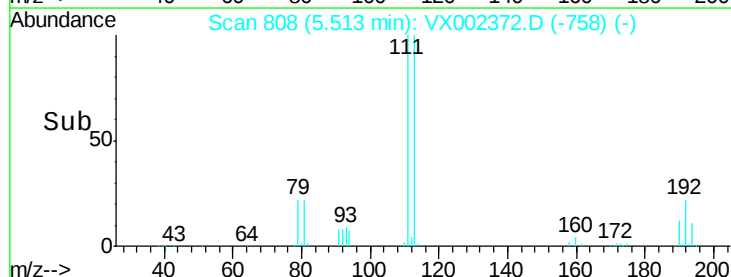
192 23.4 19.1 28.7

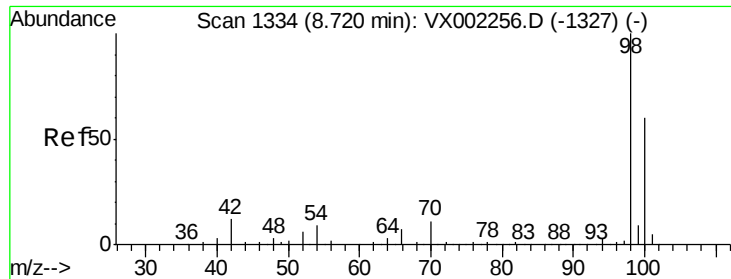


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

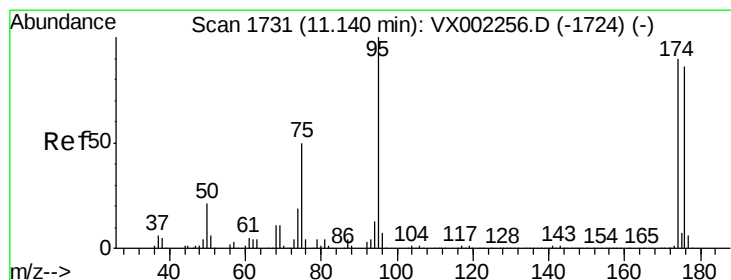
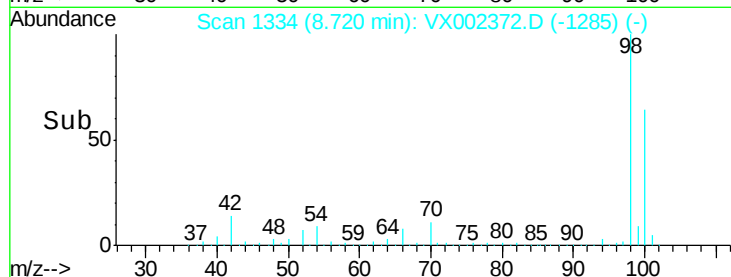
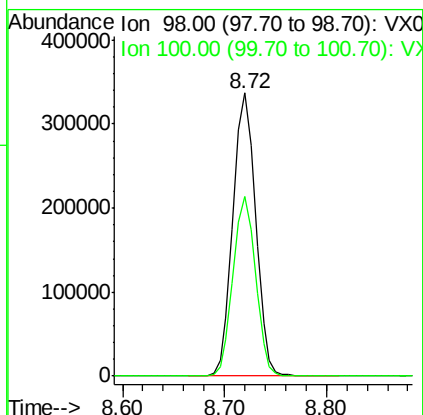
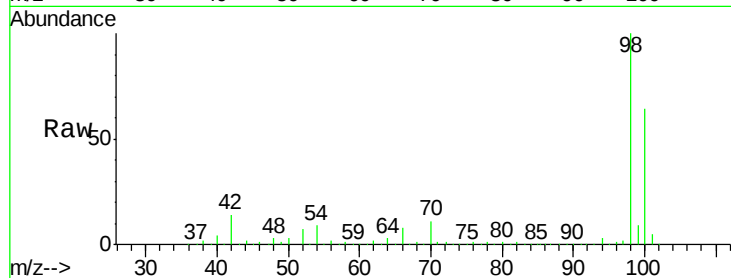




#50
Toluene-d8
Concen: 47.688 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

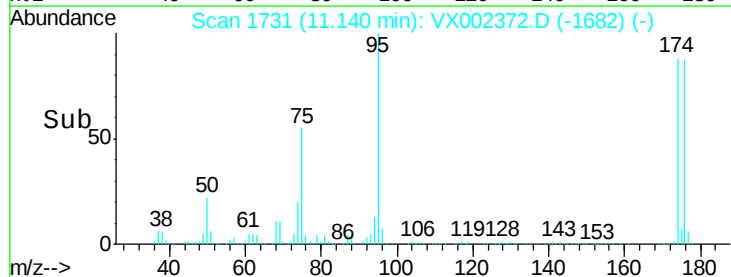
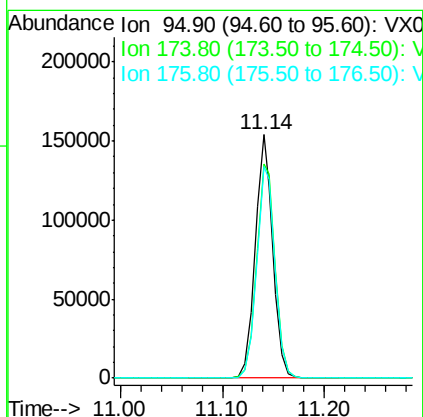
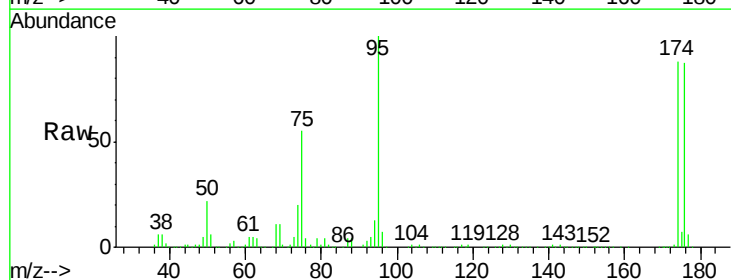
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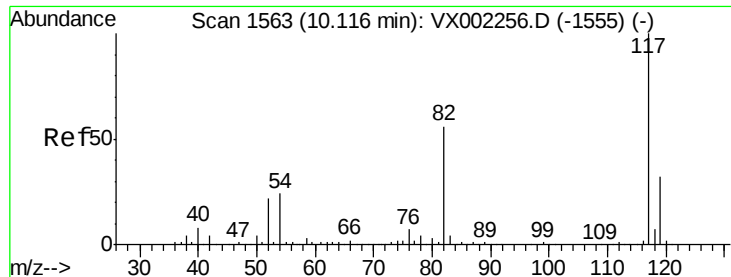
Tgt Ion: 98 Resp: 520149
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.489 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

Tgt Ion: 95 Resp: 187121
Ion Ratio Lower Upper
95 100
174 92.9 0.0 187.4
176 90.6 0.0 181.0

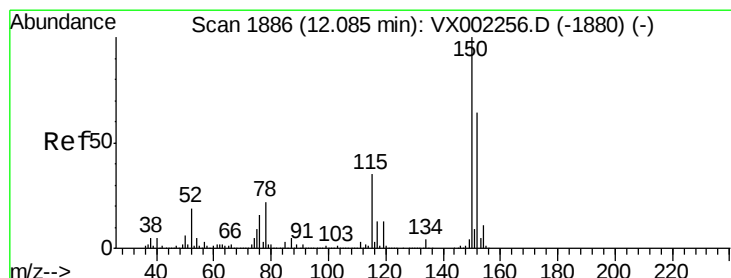
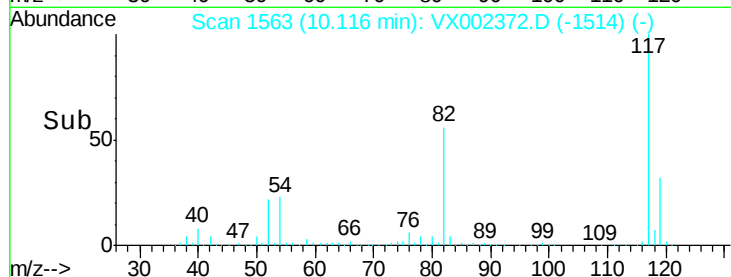
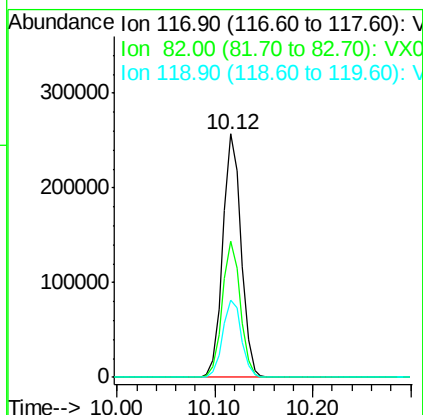
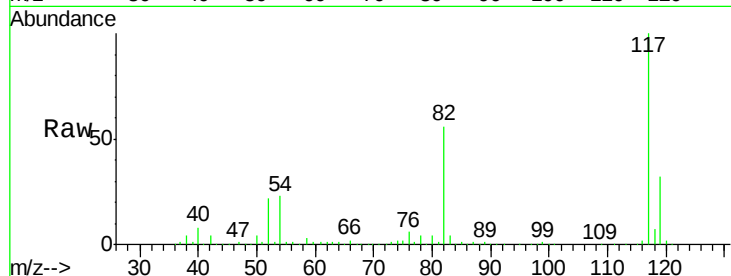




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

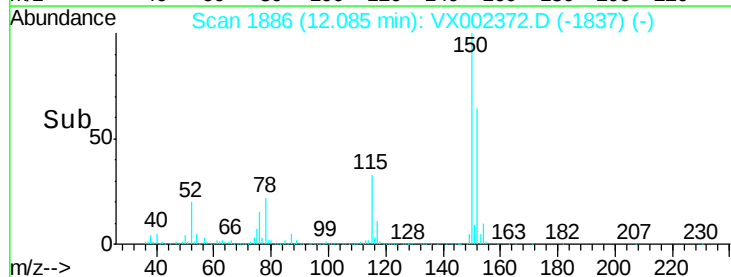
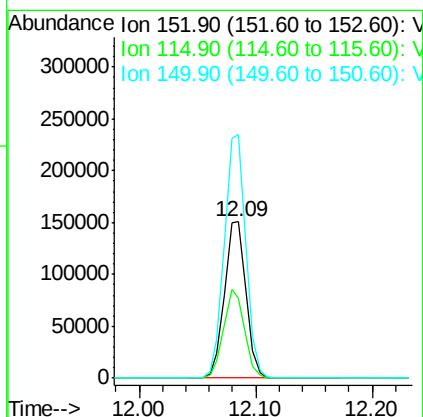
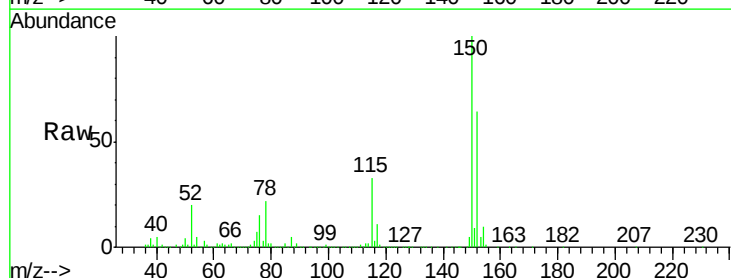
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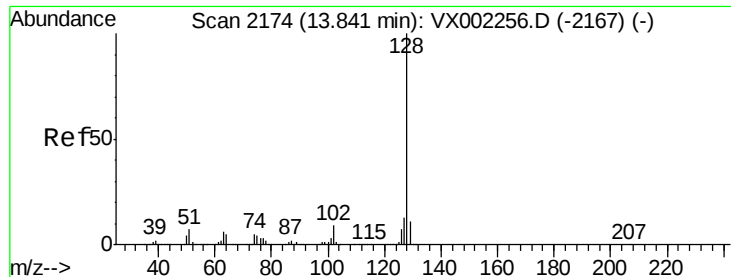
Tgt Ion:117 Resp: 334025
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

Tgt Ion:152 Resp: 192300
Ion Ratio Lower Upper
152 100
115 54.4 40.1 120.2
150 155.5 0.0 347.2





#95

Naphthalene

Concen: 12.999 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002372.D

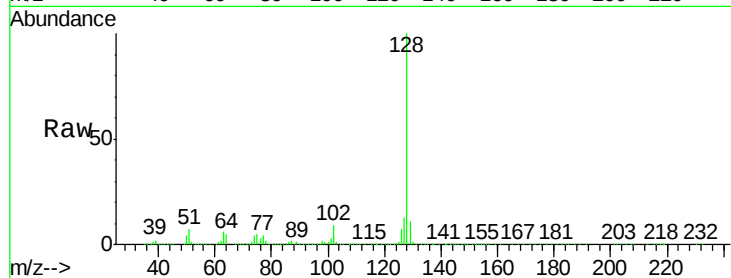
Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

ROCKPILE-SANDPILE



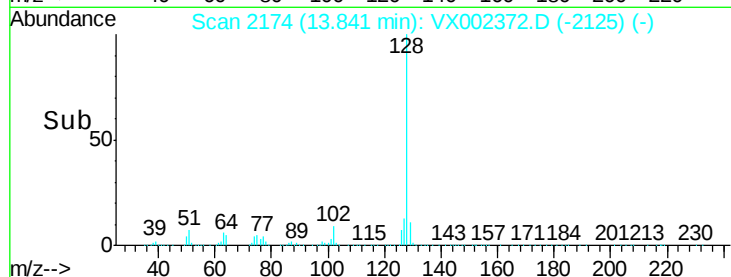
Tgt Ion:128 Resp: 181951

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

