

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 14:42:21 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	175905	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
35) Dibromofluoromethane	5.51	113	126897	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	
50) Toluene-d8	8.72	98	520149	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	187121	44.49	ug/l	0.00
Spiked Amount			Recovery	=	88.98%	

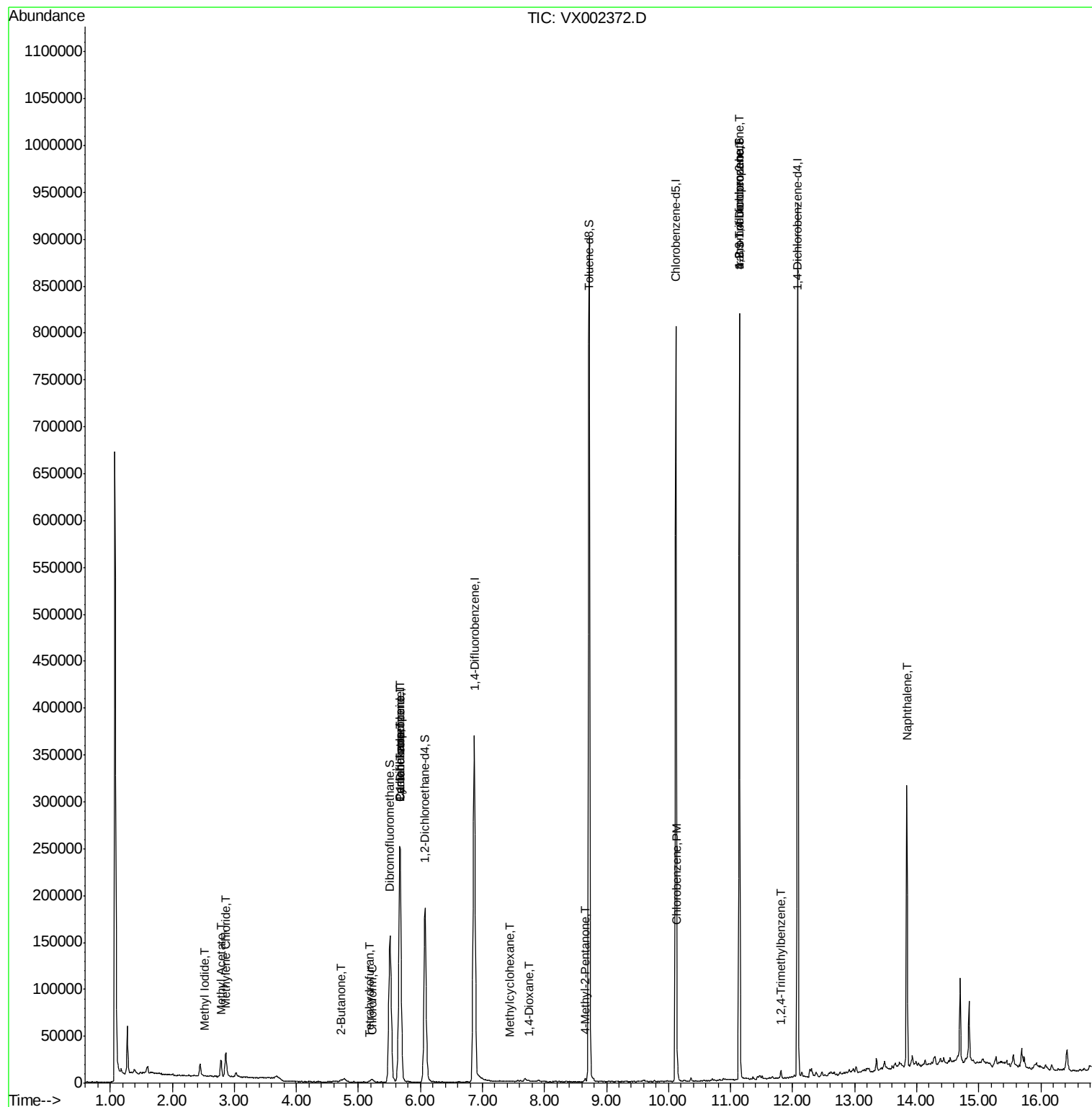
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	382	Below Cal	#	39
5) Bromomethane	1.62	94	151	Below Cal	#	3
8) Diethyl Ether	2.19	74	138	Below Cal		100
10) Methyl Iodide	2.52	142	989	0.264	ug/l #	85
11) Tert butyl alcohol	3.03	59	2744	Below Cal	#	73
13) Acrolein	2.31	56	146	Below Cal	#	14
15) Acrylonitrile	3.16	53	249	Below Cal	#	44
16) Acetone	2.45	43	14277	Below Cal		93
18) Methyl Acetate	2.78	43	21569	3.576	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	21	Below Cal	#	54
20) Methylene Chloride	2.86	84	12060	1.635	ug/l	94
22) Diisopropyl ether	3.89	45	88	Below Cal	#	75
25) 2-Butanone	4.71	43	3073	1.266	ug/l #	82
28) Bromochloromethane	5.04	49	65	Below Cal	#	13
29) Tetrahydrofuran	5.17	42	1030	0.658	ug/l #	58
30) Chloroform	5.22	83	2831	0.519	ug/l	92
31) Cyclohexane	5.67	56	5585	1.249	ug/l #	30
36) 1,1-Dichloropropene	5.66	75	17819	4.684	ug/l #	51
38) Carbon Tetrachloride	5.67	117	23167	5.821	ug/l #	15
39) Methylcyclohexane	7.43	83	41	0.271	ug/l #	26
49) 1,4-Dioxane	7.75	88	20	0.274	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	2042	0.422	ug/l	94
65) Chlorobenzene	10.14	112	2996	0.360	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	100974	23.930	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	100974	83.883	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.81	105	4361	0.369	ug/l	94
95) Naphthalene	13.84	128	181951	12.999	ug/l	99

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

Data Path : Z:\V0ASRV\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 14:42:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

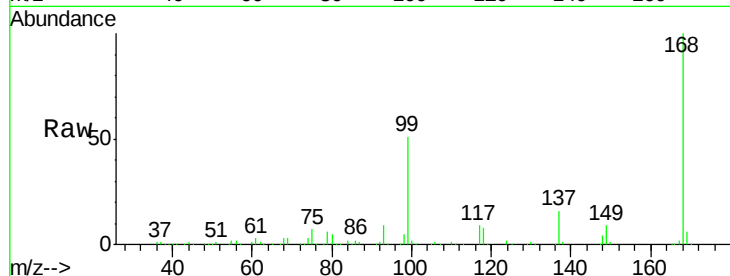
ROCKPILE-SANDPILE

Tot Ion:168 Resp: 247568

Ion Ratio Lower Upper

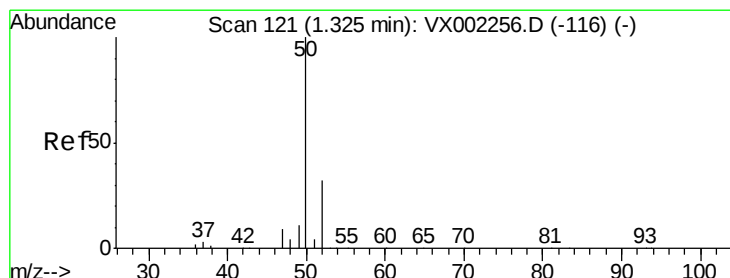
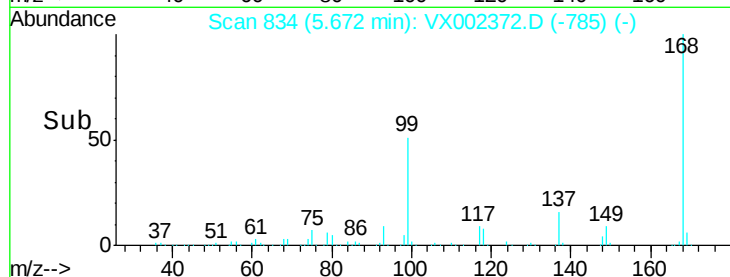
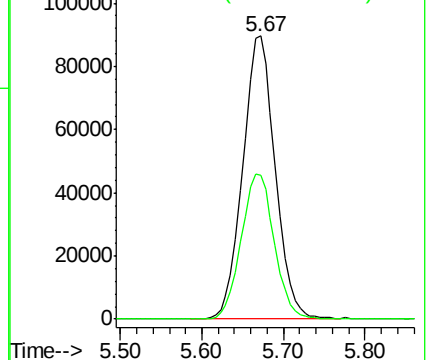
168 100

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



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002372.D

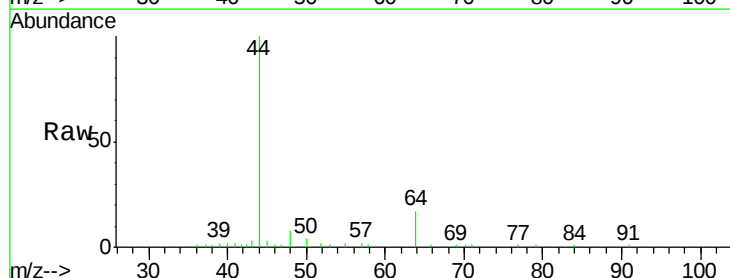
Acq: 07 Jun 2018 12:47

Tgt Ion: 50 Resp: 382

Ion Ratio Lower Upper

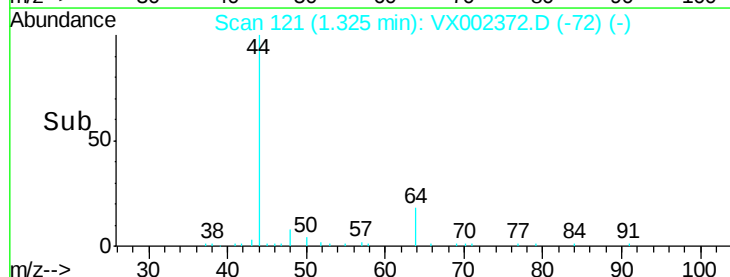
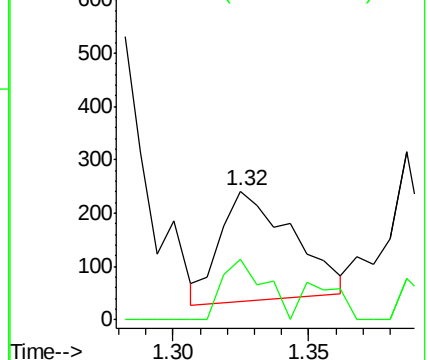
50 100

52 66.3 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

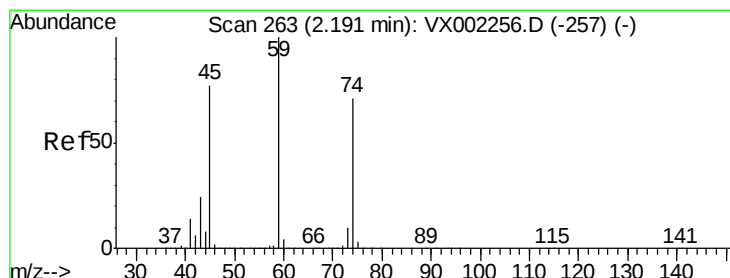
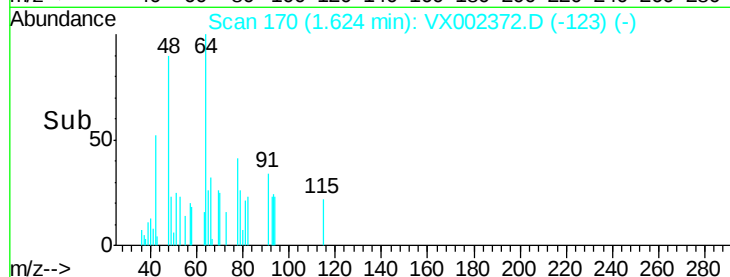
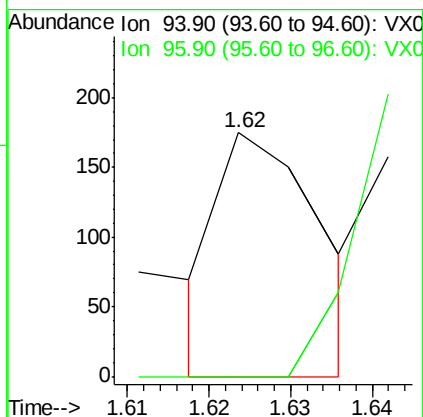
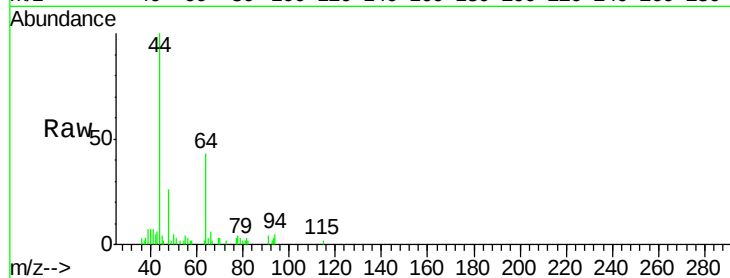
ROCKPILE-SANDPILE

Tot Ion: 94 Resp: 151

Ion Ratio Lower Upper

94 100

96 0.0 74.9 112.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002372.D

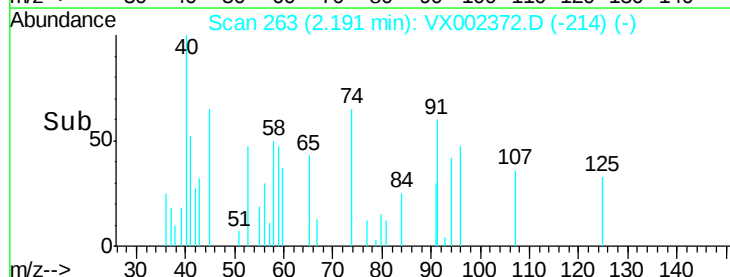
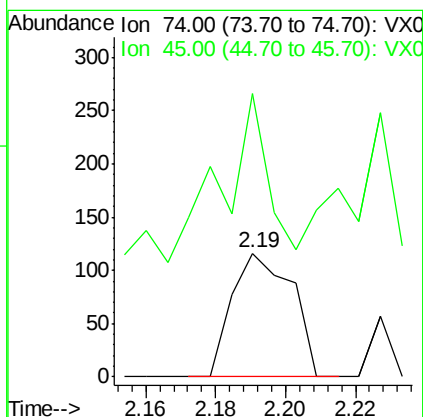
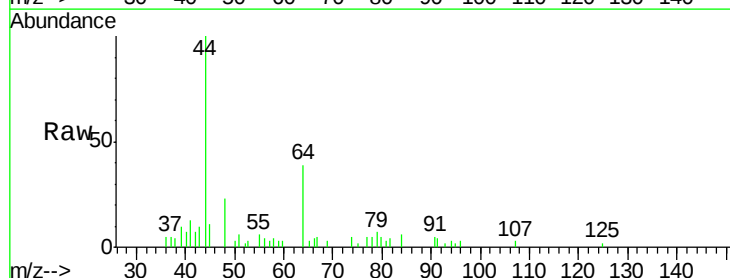
Acq: 07 Jun 2018 12:47

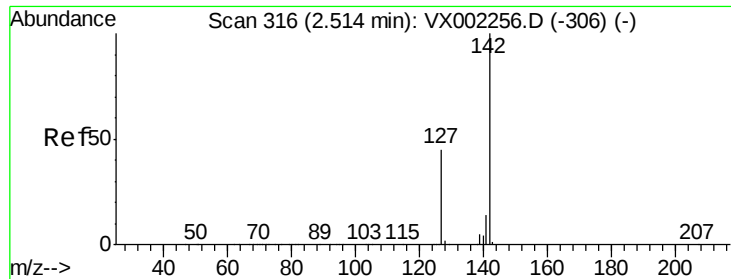
Tgt Ion: 74 Resp: 138

Ion Ratio Lower Upper

74 100

45 105.8 53.1 159.4

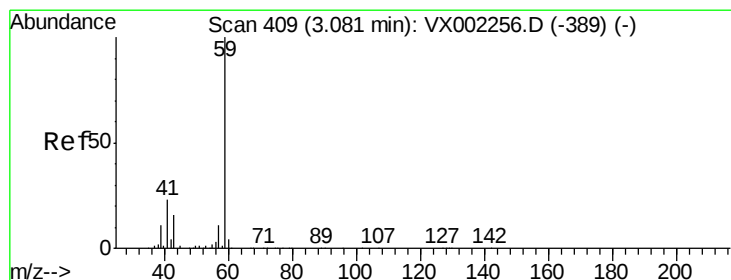
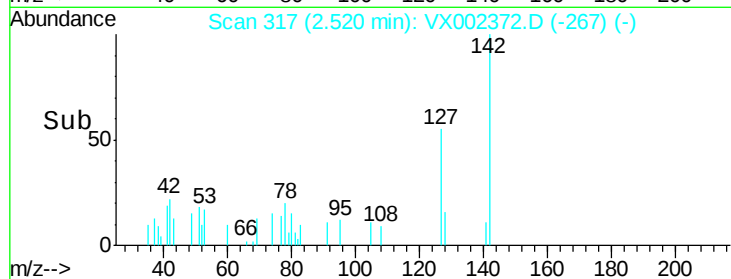
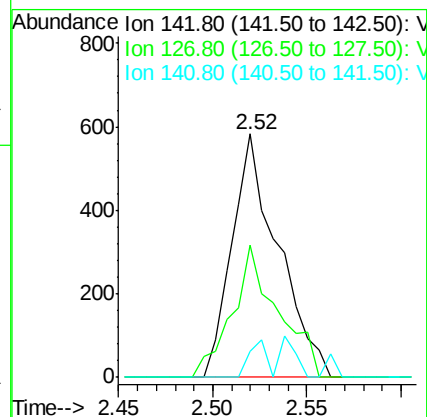
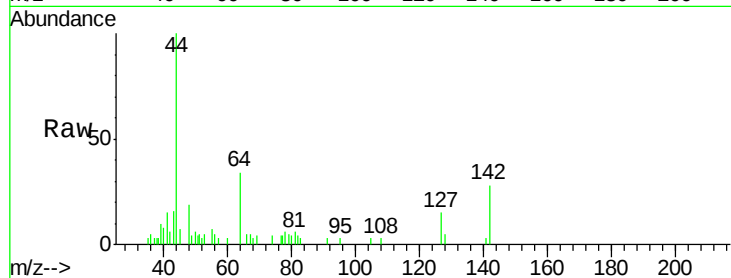




#10
Methvl Iodide
Concen: 0.264 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

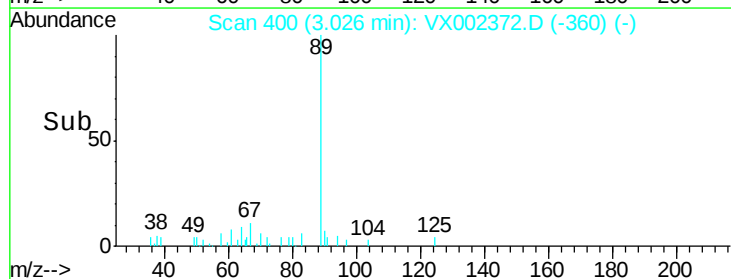
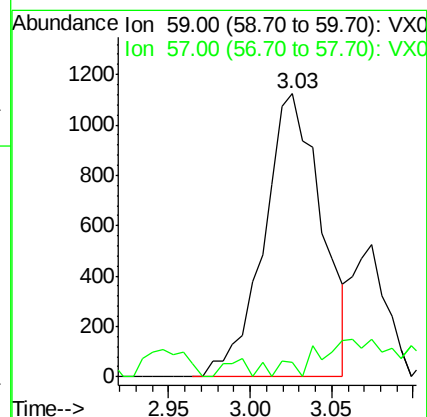
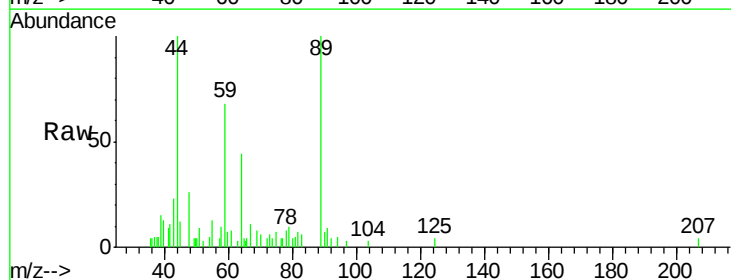
Instrument :
MSVOA_X
ClientSampleId :
ROCKPILE-SANDPILE

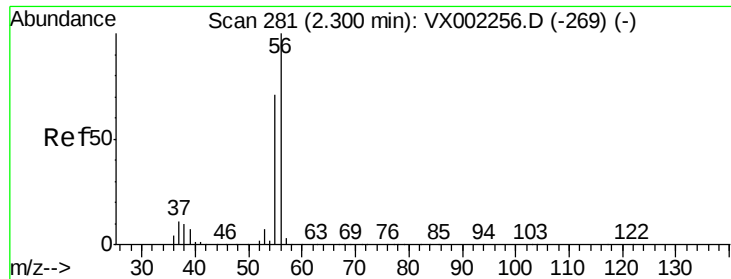
Tot Ion:142 Resp: 989
Ion Ratio Lower Upper
142 100
127 54.3 36.6 55.0
141 5.7 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

Tgt Ion: 59 Resp: 2744
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

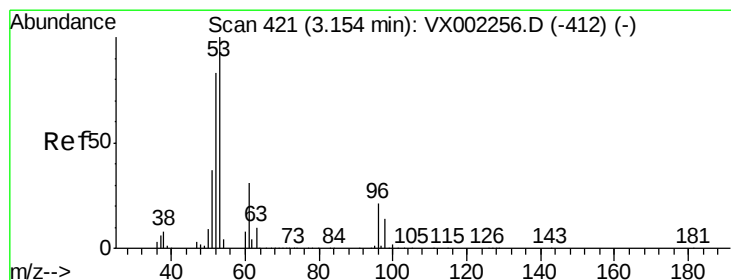
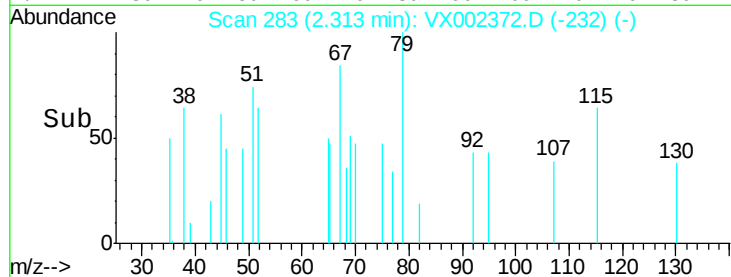
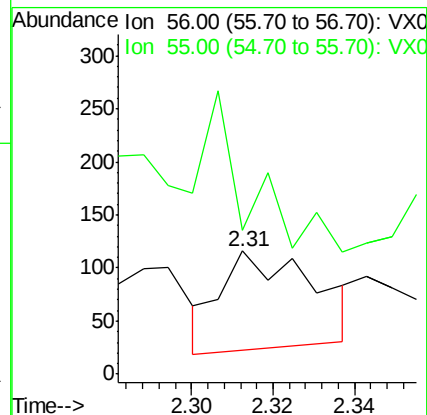
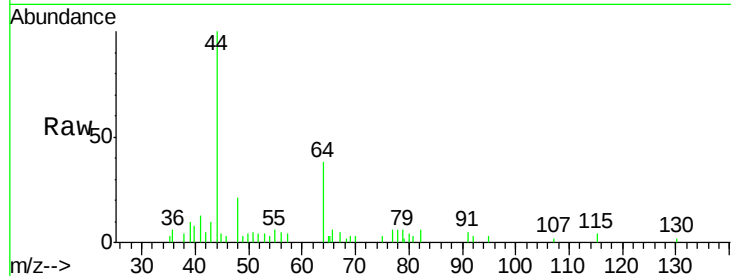
ROCKPILE-SANDPILE

Tot Ion: 56 Resp: 146

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#15

Acrylonitrile

Concen: Below Cal

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

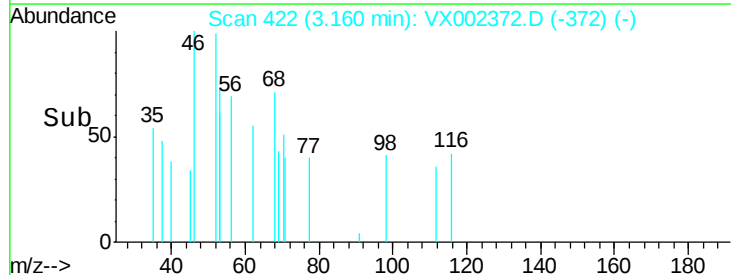
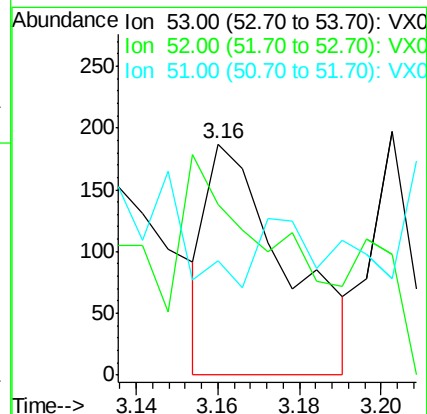
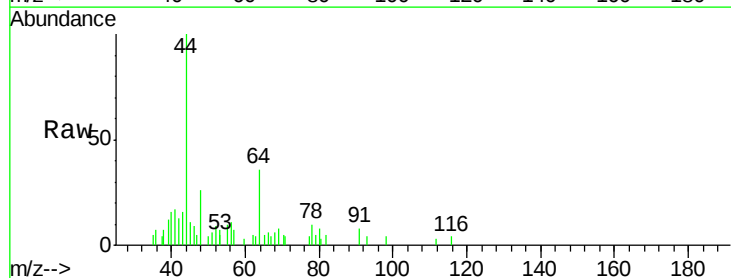
Tgt Ion: 53 Resp: 249

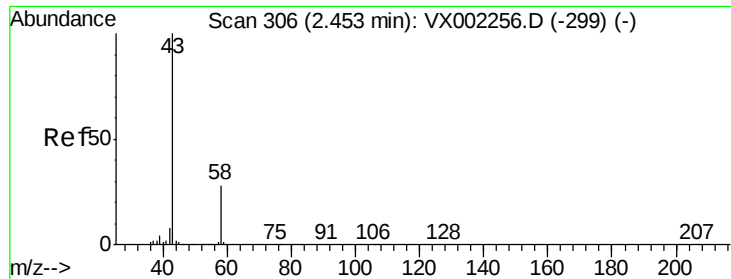
Ion Ratio Lower Upper

53 100

52 155.4 66.7 100.1#

51 35.7 29.9 44.9





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

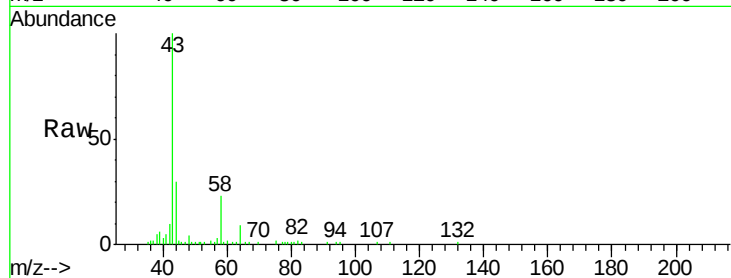
ROCKPILE-SANDPILE

Tot Ion: 43 Resp: 14277

Ion Ratio Lower Upper

43 100

58 23.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

6000

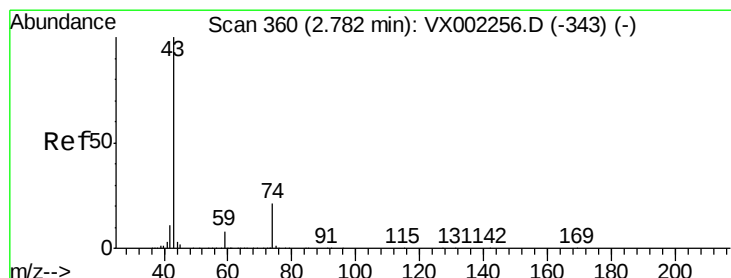
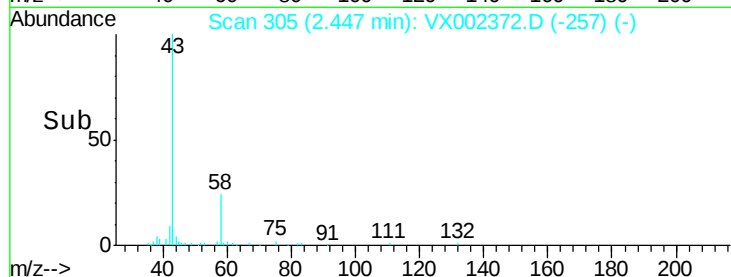
4000

2000

0

Time-->

2.40 2.45 2.50



#18

Methyl Acetate

Concen: 3.576 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002372.D

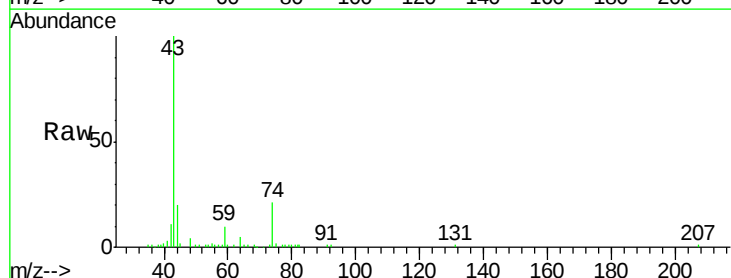
Acq: 07 Jun 2018 12:47

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

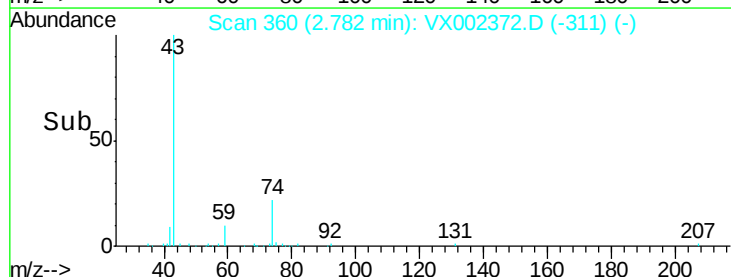
10000

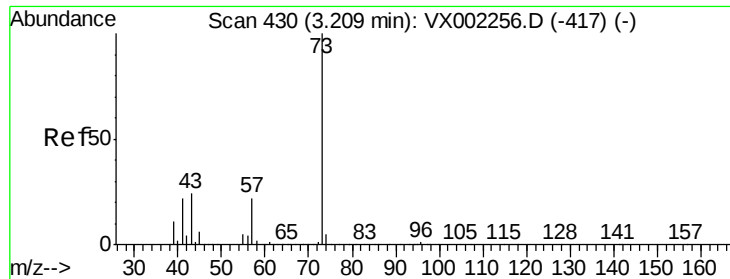
5000

0

Time-->

2.70 2.75 2.80 2.85



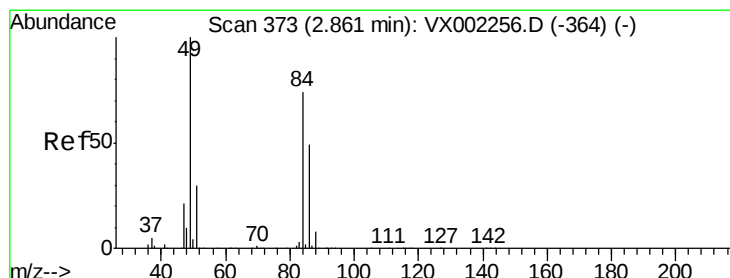
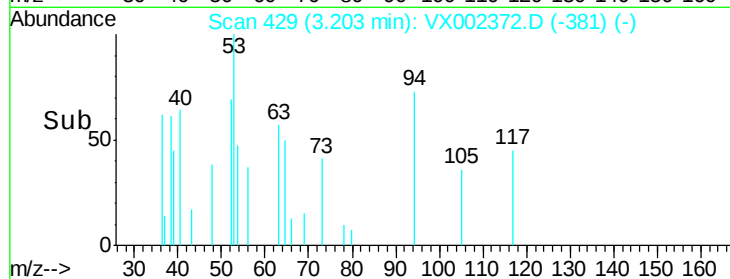
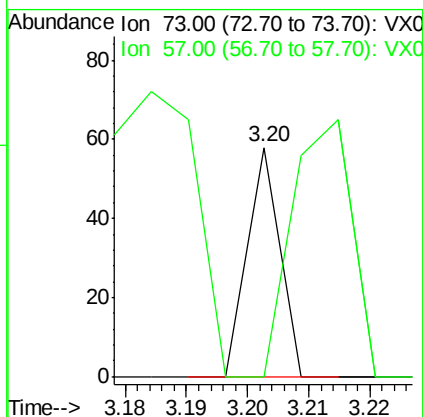
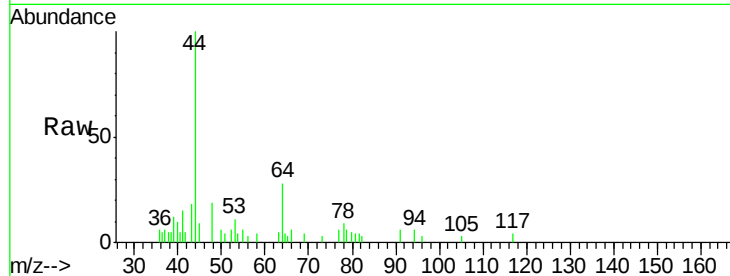


#19

Methyl tert-butyl Ether
 Concen: Below Cal
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002372.D
 Acq: 07 Jun 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ROCKPILE-SANDPILE

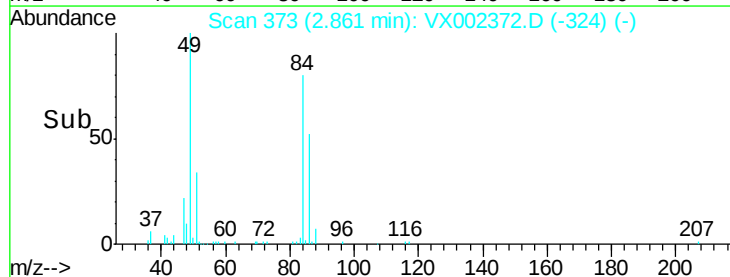
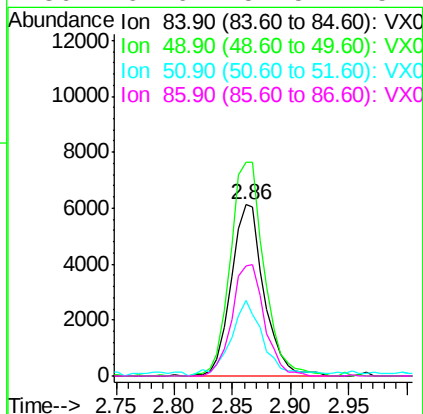
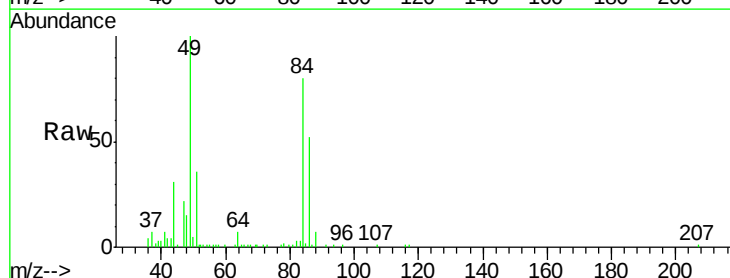
Tot Ion: 73 Resp: 21
 Ion Ratio Lower Upper
 73 100
 57 0.0 17.7 26.5#

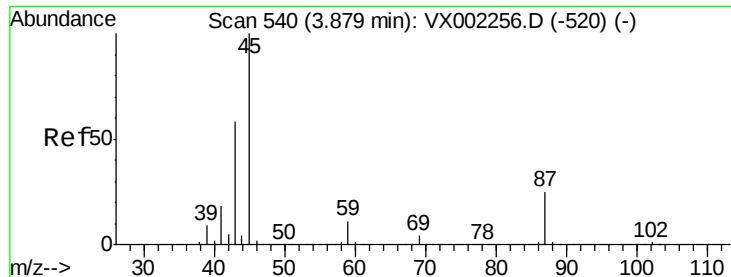


#20

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

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



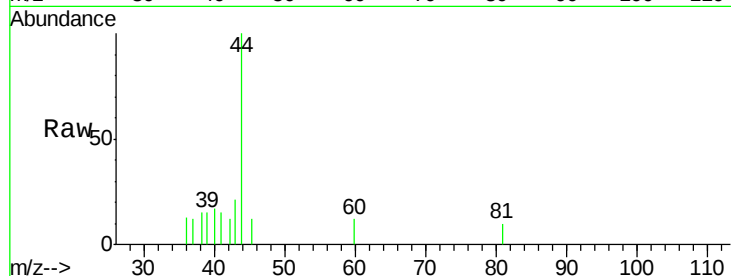


#22

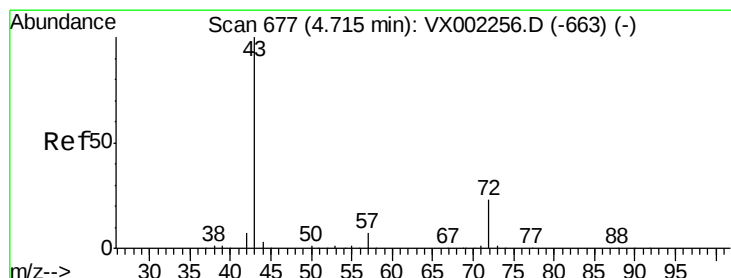
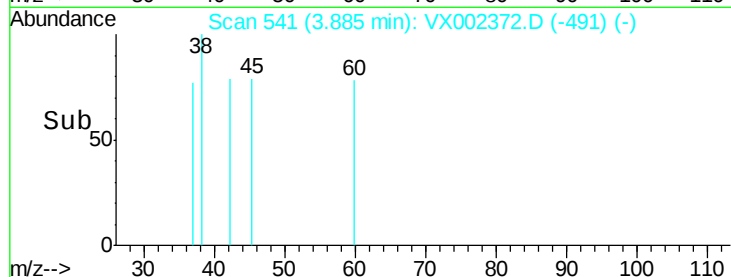
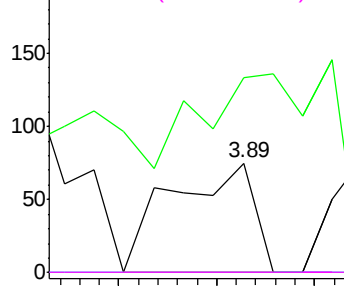
Diisopropyl ether
 Concen: Below Cal
 RT: 3.89 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VX002372.D
 Acq: 07 Jun 2018 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ROCKPILE-SANDPILE

Tot Ion:	45	Resp:	88
Ion	Ratio	Lower	Upper
45	100		
43	48.0	46.8	70.2
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#



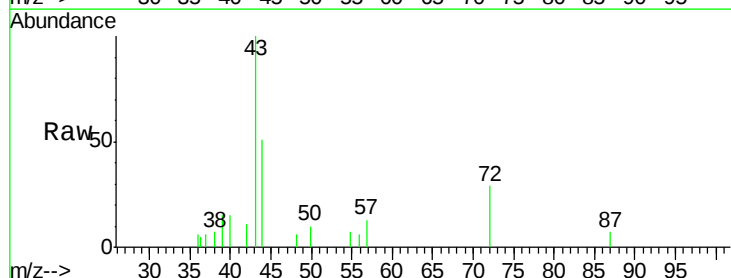
Abundance Ion 45.00 (44.70 to 45.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0
 Ion 59.00 (58.70 to 59.70): VX0



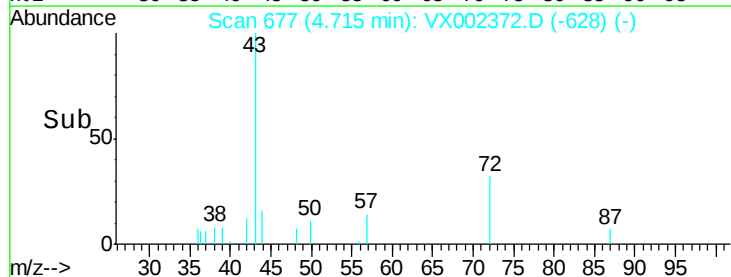
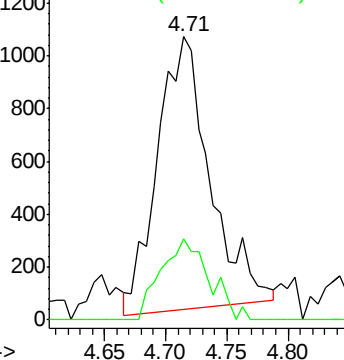
#25

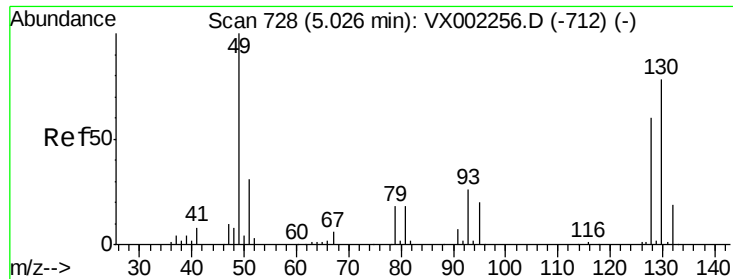
2-Butanone
 Concen: 1.266 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VX002372.D
 Acq: 07 Jun 2018 12:47

Tgt Ion:	43	Resp:	3073
Ion	Ratio	Lower	Upper
43	100		
72	31.6	18.5	27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 730

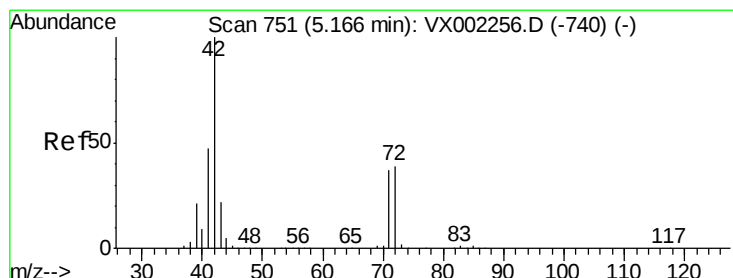
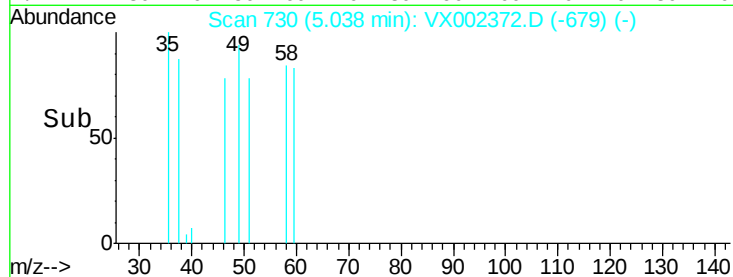
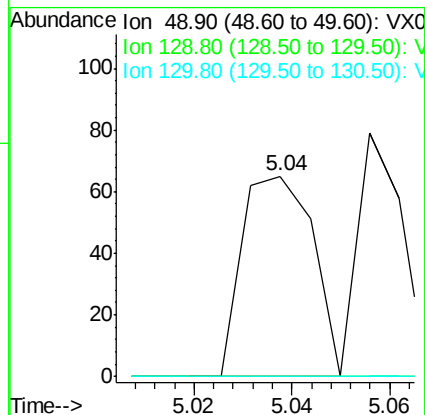
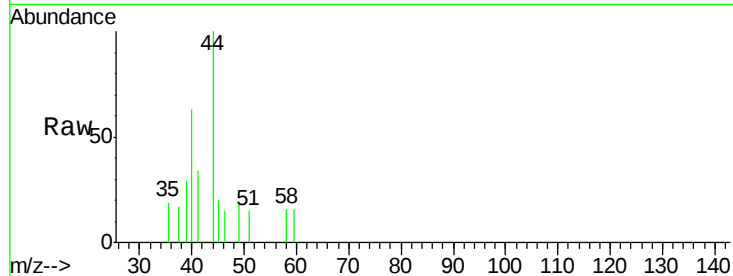
Delta R.T. 0.01 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
ROCKPILE-SANDPILE

Tot Ion: 49 Resp: 65
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 61.2 91.8#



#29

Tetrahydrofuran

Concen: 0.658 ug/l

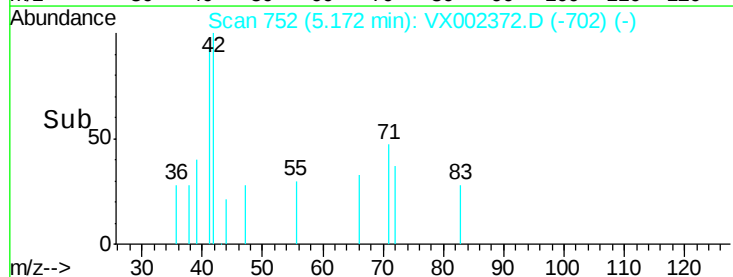
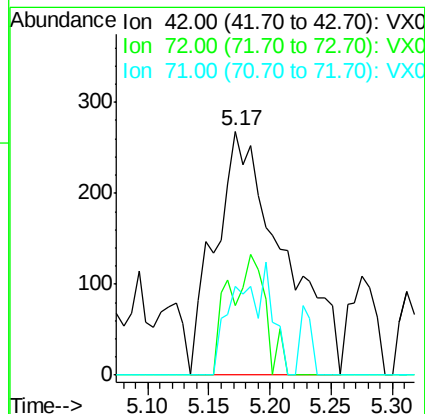
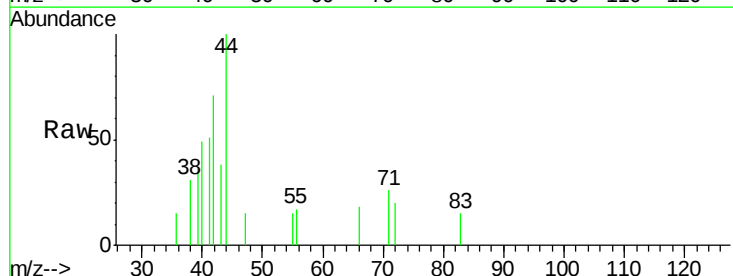
RT: 5.17 min Scan# 752

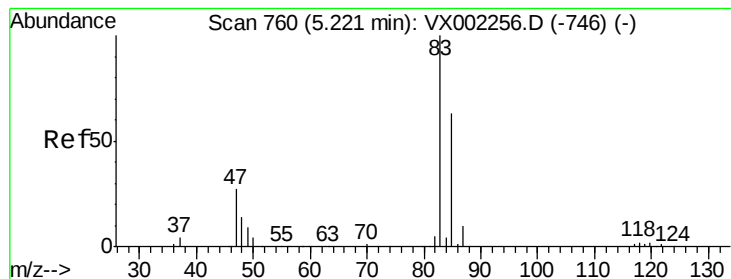
Delta R.T. 0.01 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Tgt Ion: 42 Resp: 1030
Ion Ratio Lower Upper
42 100
72 9.6 32.0 48.0#
71 16.9 30.1 45.1#





#30

Chloroform

Concen: 0.519 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

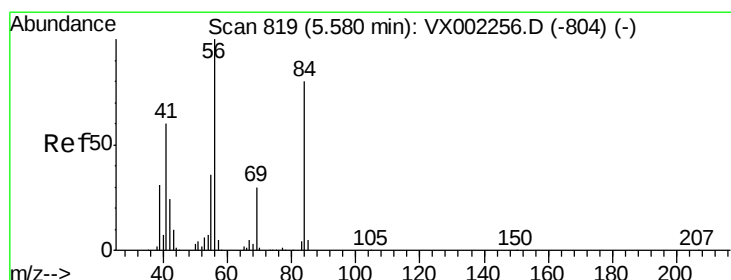
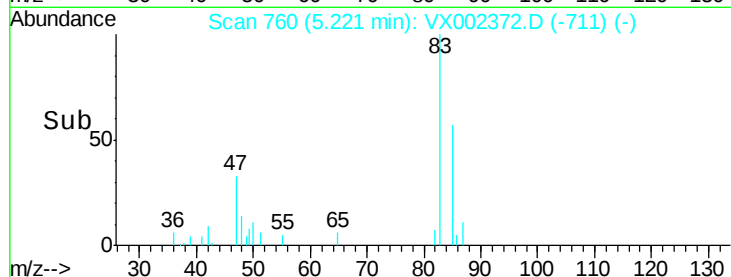
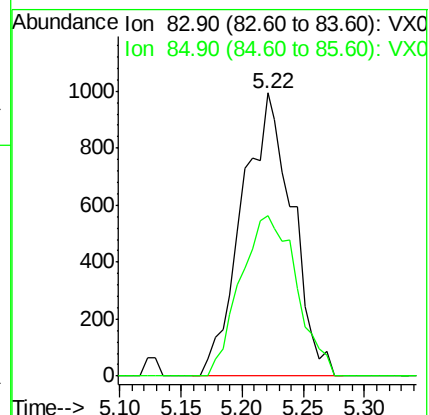
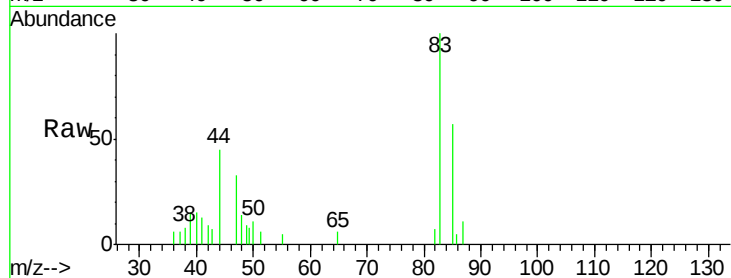
ROCKPILE-SANDPILE

Tot Ion: 83 Resp: 2831

Ion Ratio Lower Upper

83 100

85 56.7 50.4 75.6



#31

Cyclohexane

Concen: 1.249 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

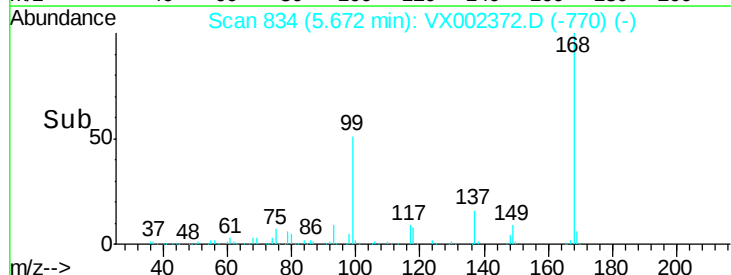
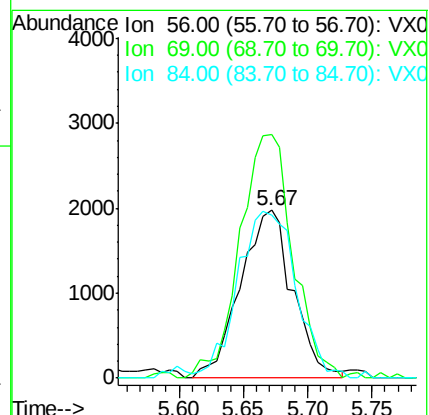
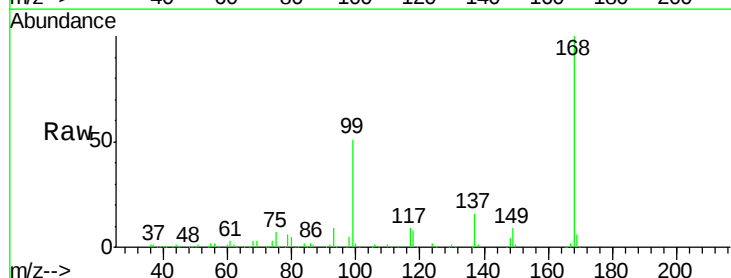
Tgt Ion: 56 Resp: 5585

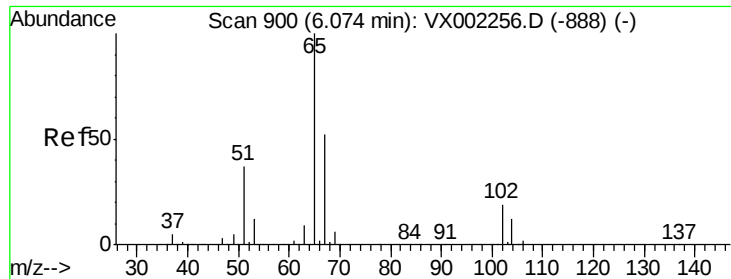
Ion Ratio Lower Upper

56 100

69 144.9 23.7 35.5#

84 94.3 64.1 96.1





#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

Instrument :

MSVOA_X

ClientSampleId :

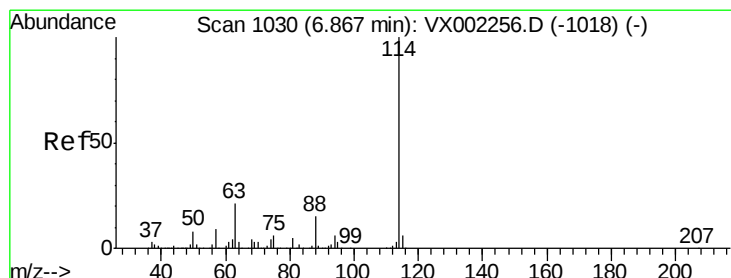
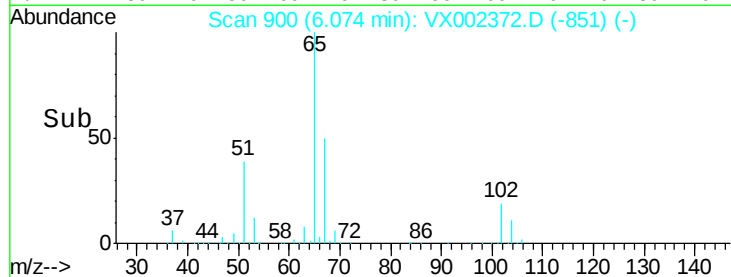
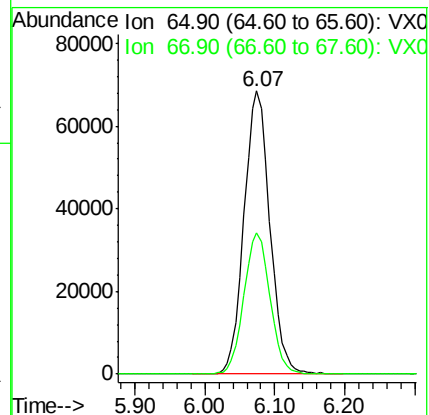
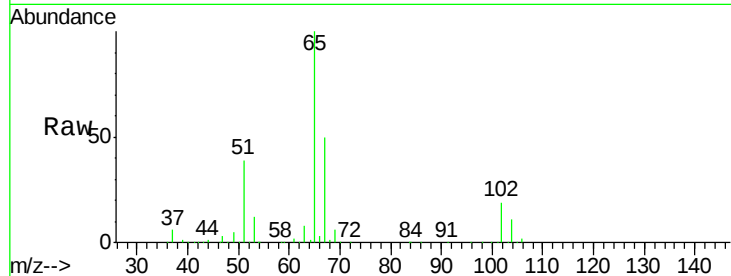
ROCKPILE-SANDPILE

Tot Ion: 65 Resp: 175905

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.6



#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

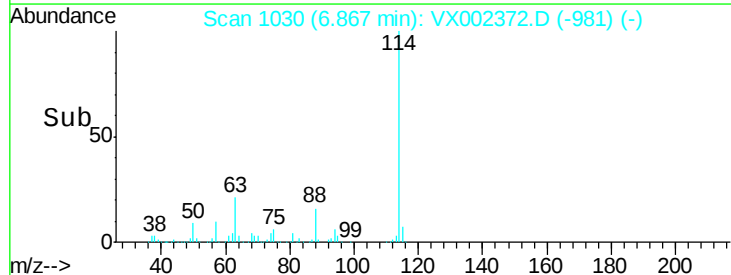
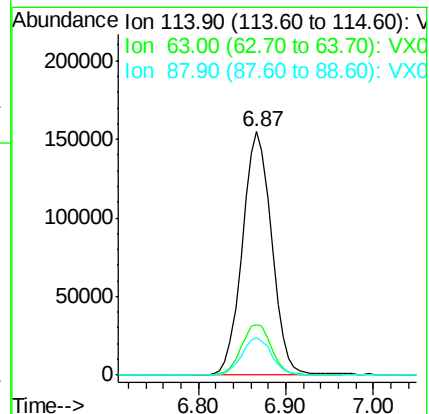
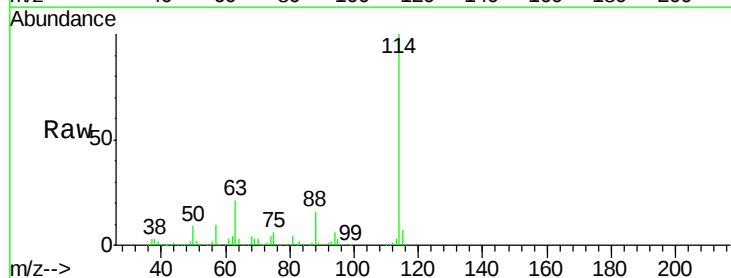
Tgt Ion: 114 Resp: 361860

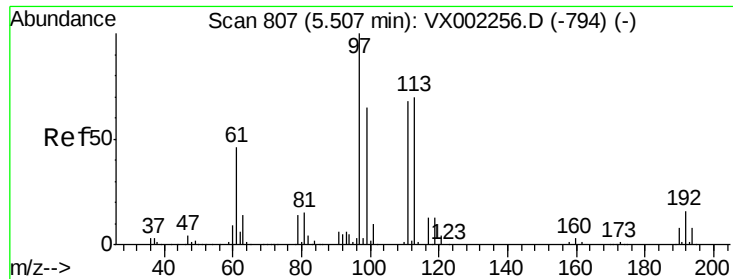
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

88 15.6 0.0 30.0



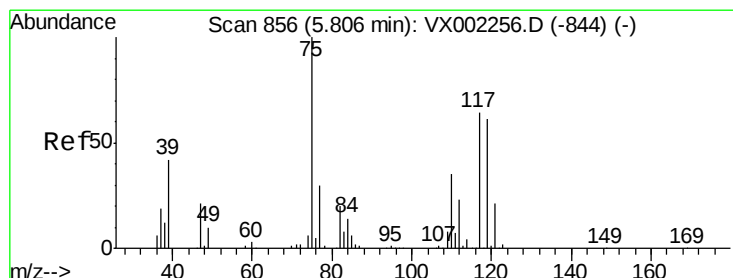
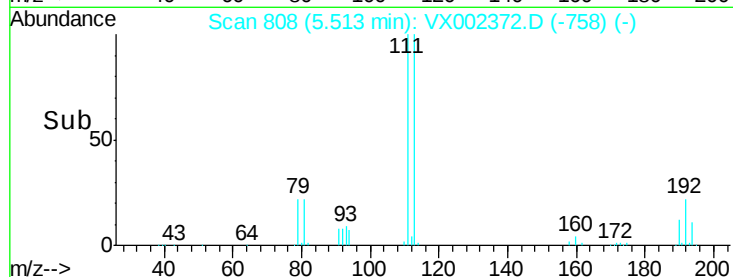
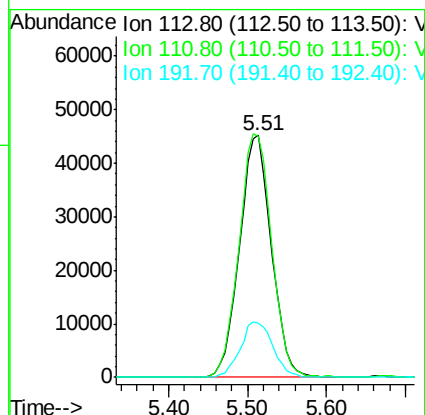
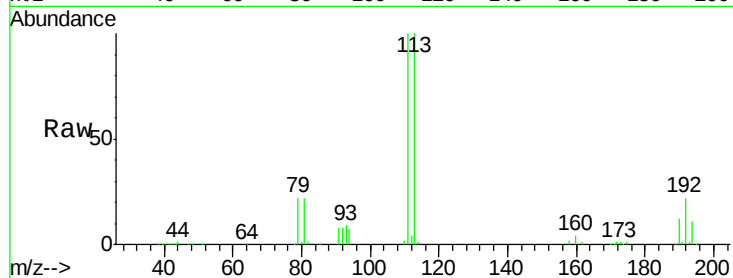


#35
Dibromofluoromethane
Concen: 44.593 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
ROCKPILE-SANDPILE

Tot Ion:113 Resp: 126897

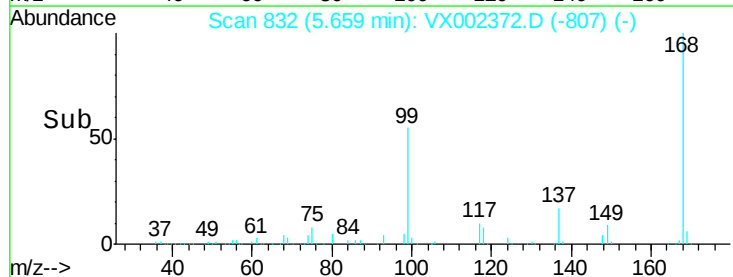
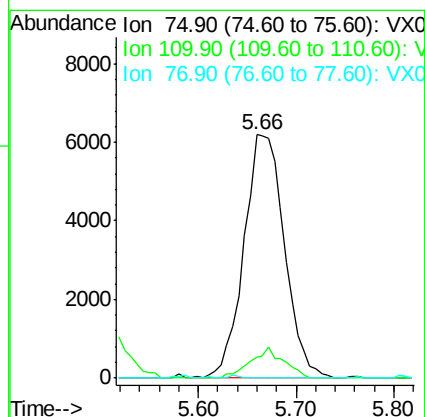
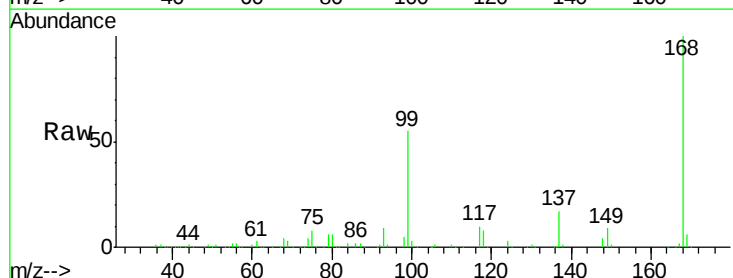
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.0
192	23.4	19.1	28.7

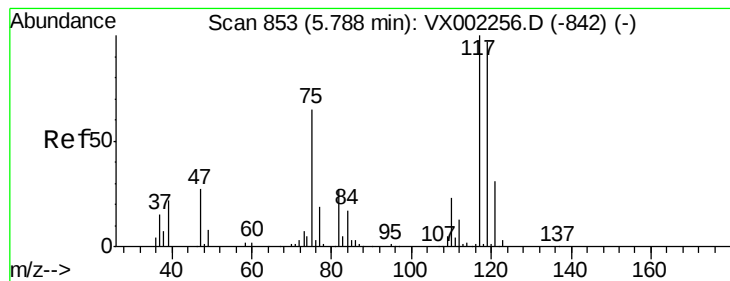


#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.15 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

Tgt Ion: 75 Resp: 17819

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 5.821 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

ROCKPILE-SANDPILE

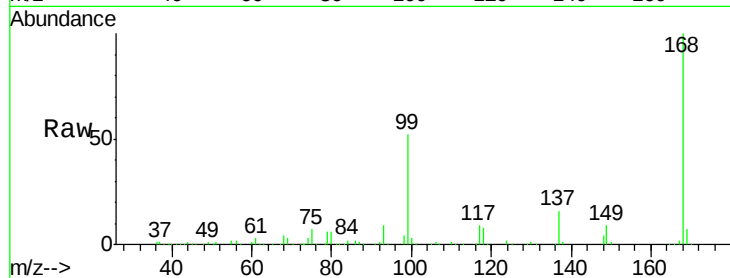
Tot Ion:117 Resp: 23167

Ion Ratio Lower Upper

117 100

119 4.0 77.4 116.0#

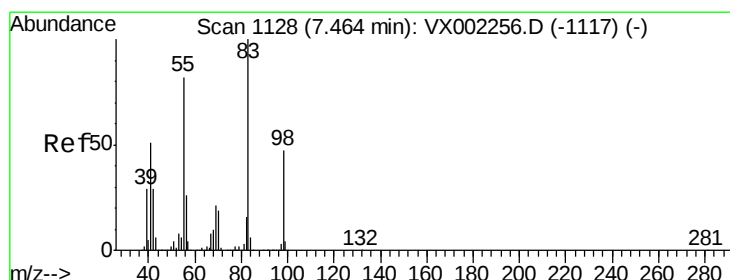
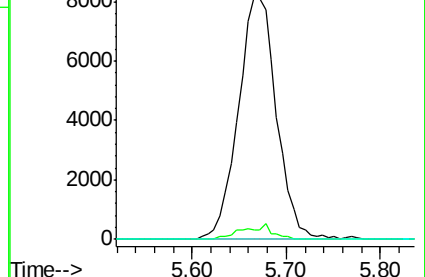
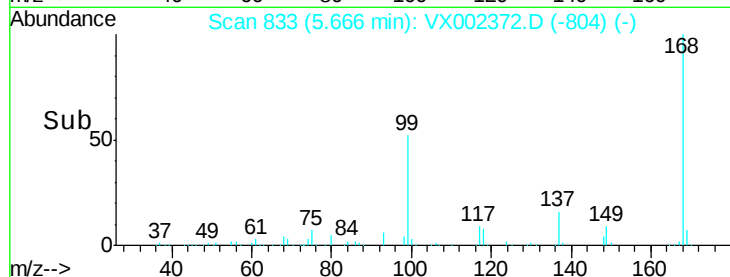
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.271 ug/l

RT: 7.43 min Scan# 1123

Delta R.T. -0.03 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

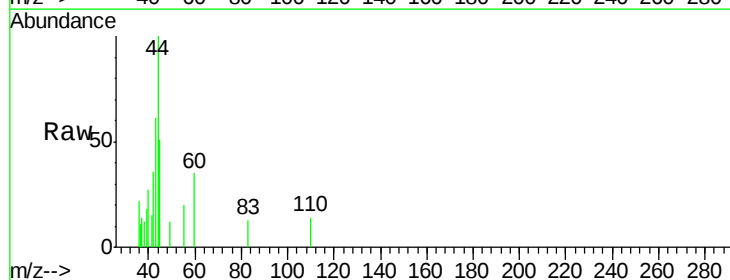
Tgt Ion: 83 Resp: 41

Ion Ratio Lower Upper

83 100

55 149.2 65.4 98.0#

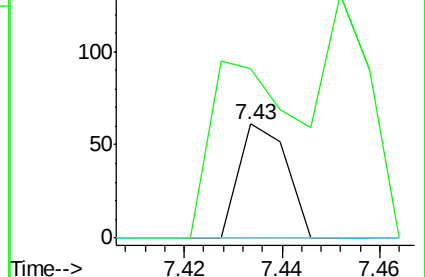
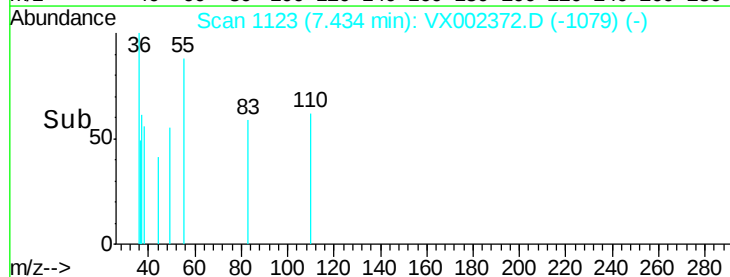
98 0.0 37.4 56.0#

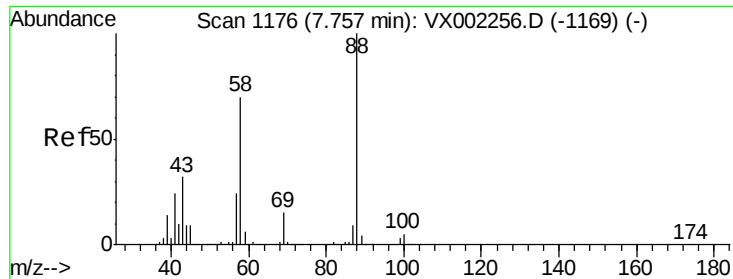


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#49

1,4-Dioxane

Concen: 0.274 ug/l

RT: 7.75 min Scan# 1175

Delta R.T. -0.01 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

ROCKPILE-SANDPILE

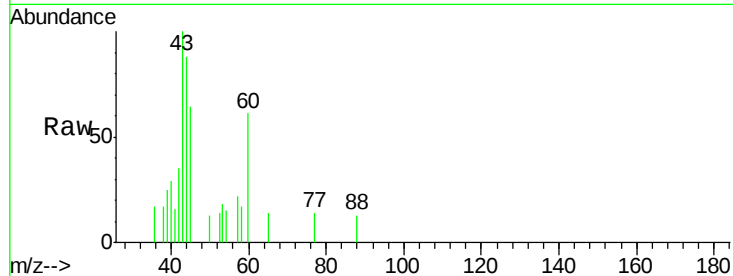
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 1255.0 29.8 44.6#

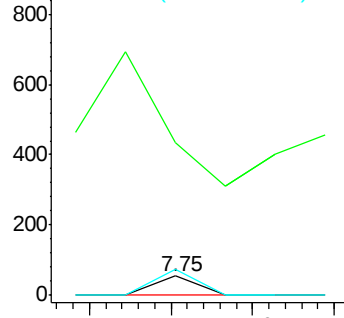
58 135.0 57.1 85.7#



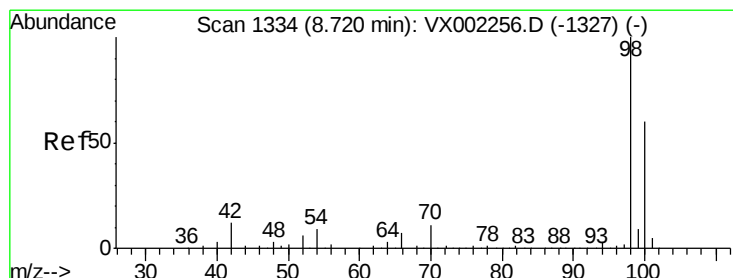
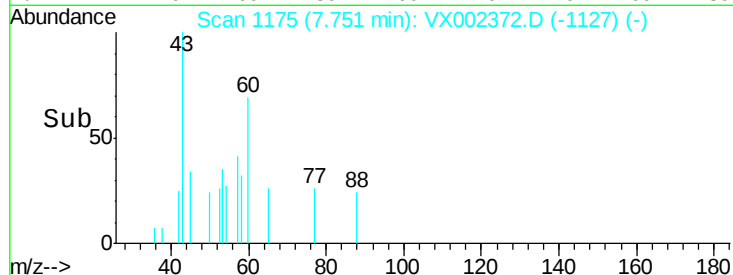
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 47.688 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002372.D

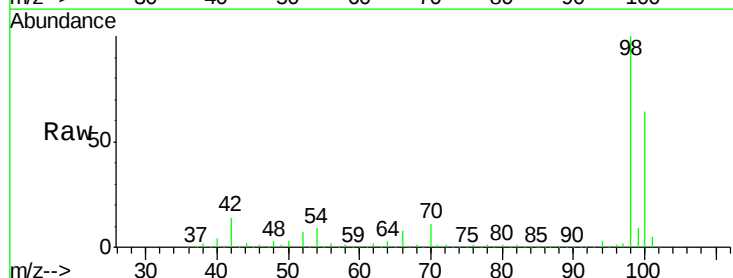
Acq: 07 Jun 2018 12:47

Tgt Ion: 98 Resp: 520149

Ion Ratio Lower Upper

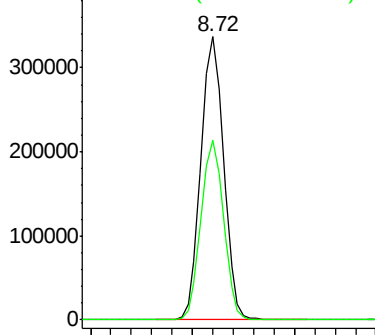
98 100

100 63.2 50.9 76.3

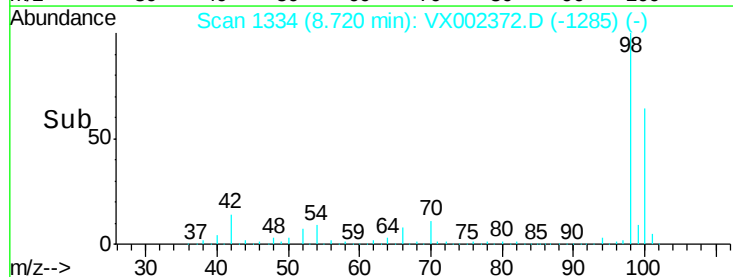


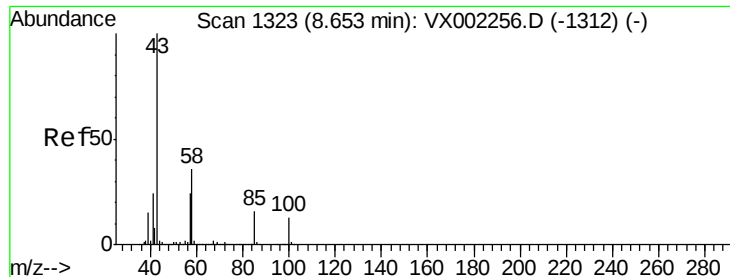
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.422 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

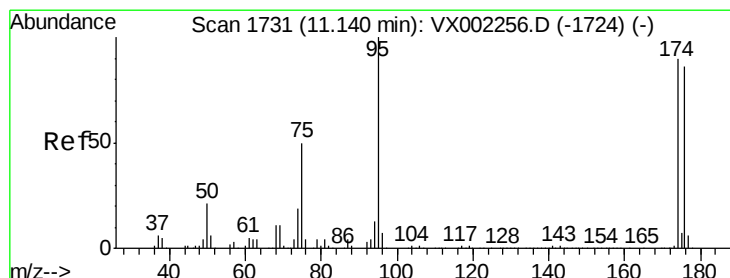
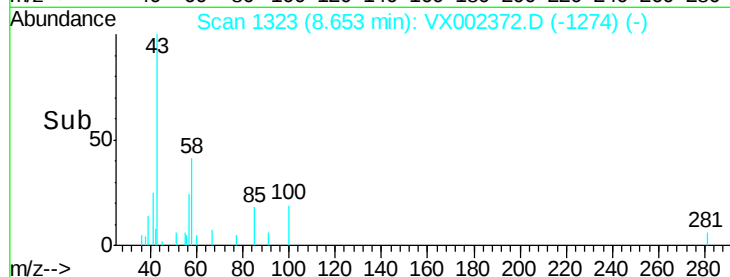
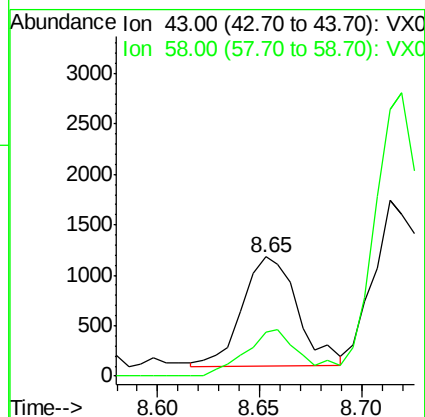
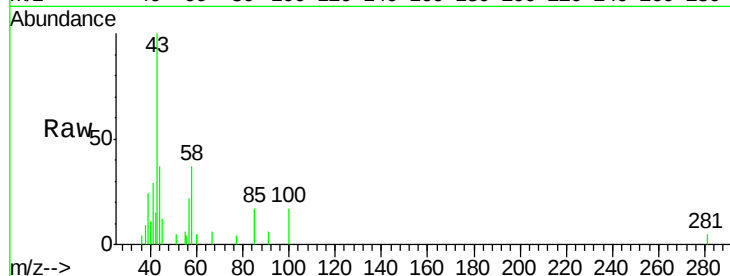
ROCKPILE-SANDPILE

Tot Ion: 43 Resp: 2042

Ion Ratio Lower Upper

43 100

58 39.2 28.6 42.8



#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

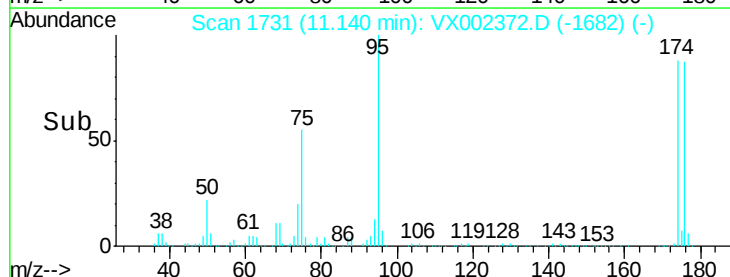
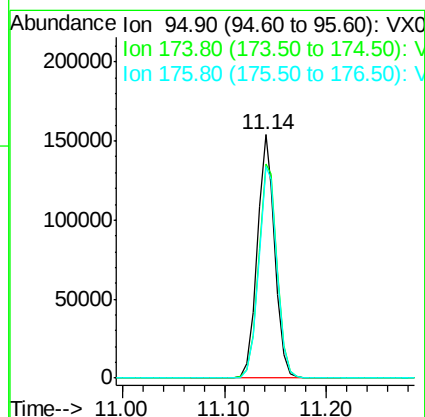
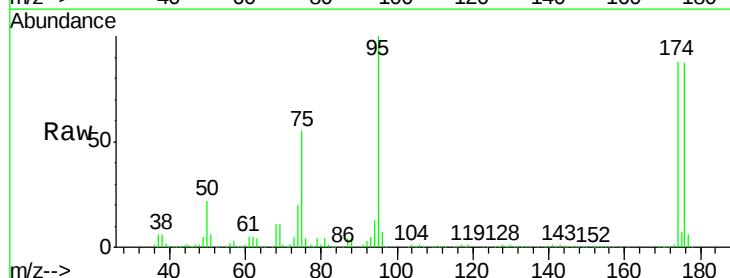
Tgt Ion: 95 Resp: 187121

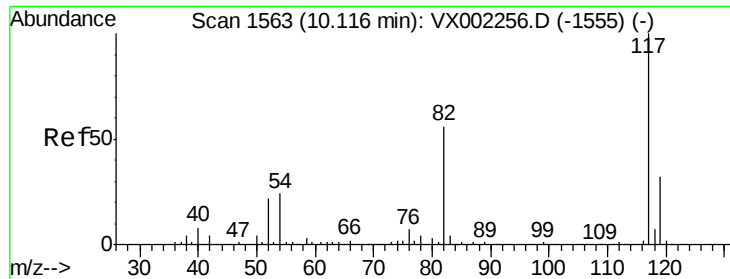
Ion Ratio Lower Upper

95 100

174 92.9 0.0 187.4

176 90.6 0.0 181.0

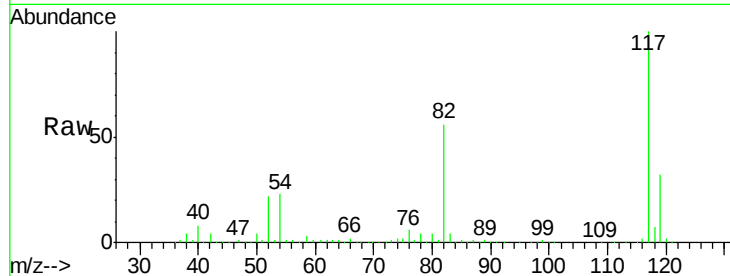




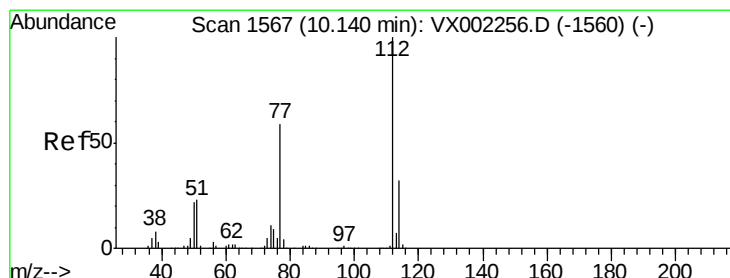
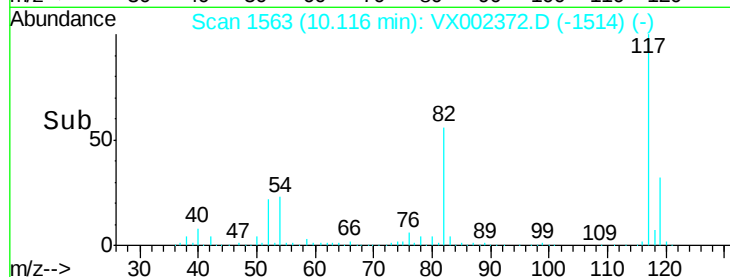
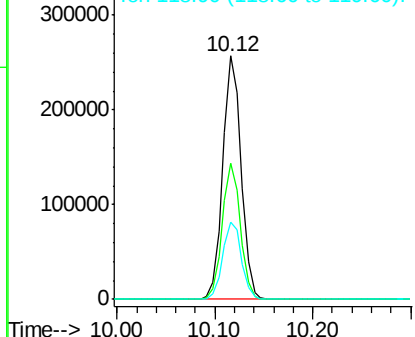
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

Instrument :
MSVOA_X
ClientSampleId :
ROCKPILE-SANDPILE

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

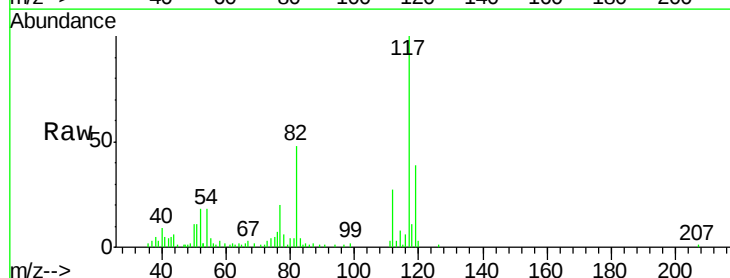


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

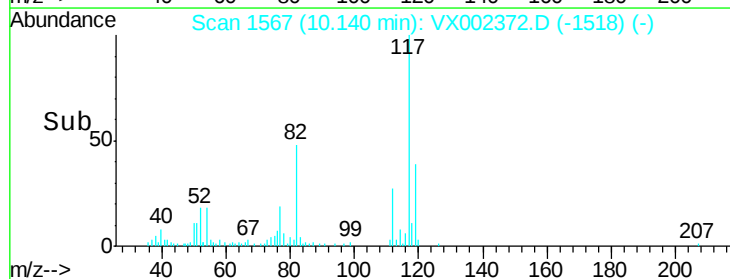
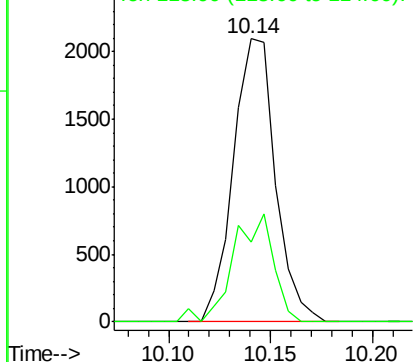


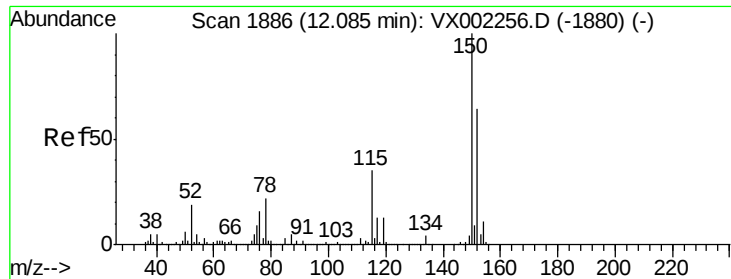
#65
Chlorobenzene
Concen: 0.360 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002372.D
Acq: 07 Jun 2018 12:47

Tgt Ion:112 Resp: 2996
Ion Ratio Lower Upper
112 100
114 28.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#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

Instrument :

MSVOA_X

ClientSampleId :

ROCKPILE-SANDPILE

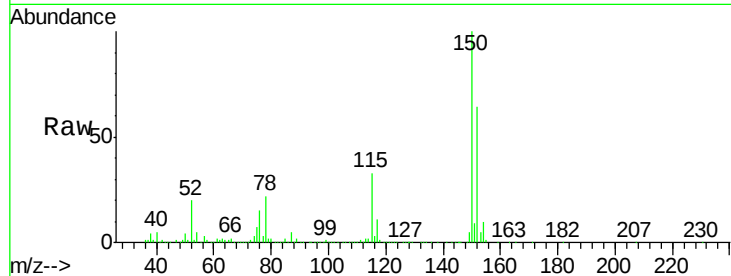
Tot Ion:152 Resp: 192300

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

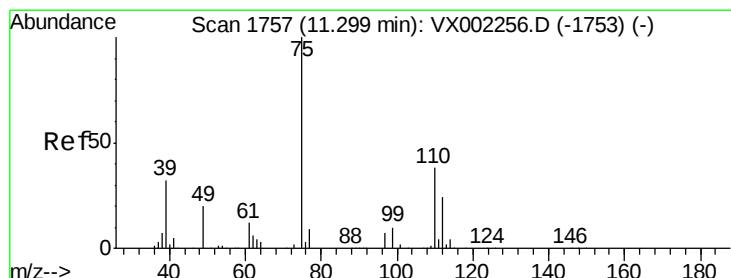
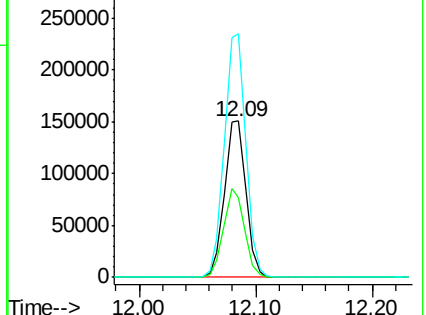
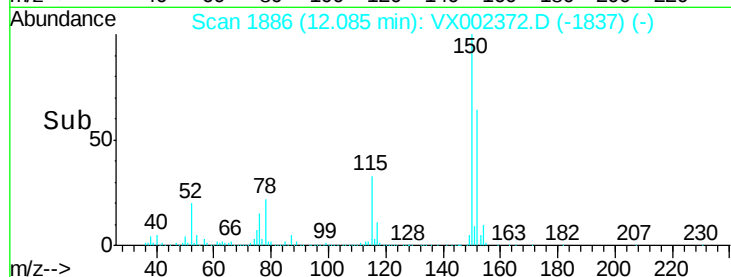
150 155.5 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.930 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002372.D

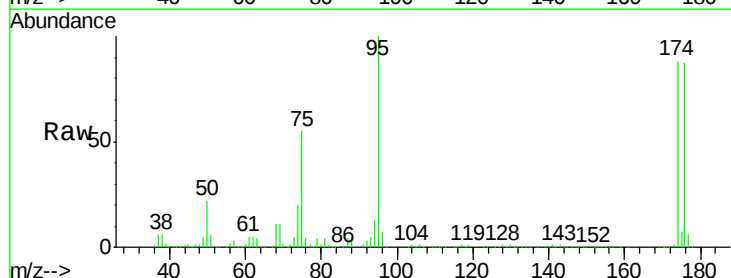
Acq: 07 Jun 2018 12:47

Tgt Ion: 75 Resp: 100974

Ion Ratio Lower Upper

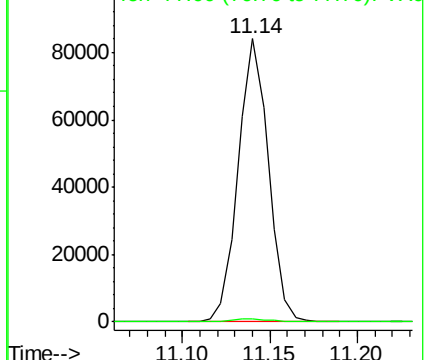
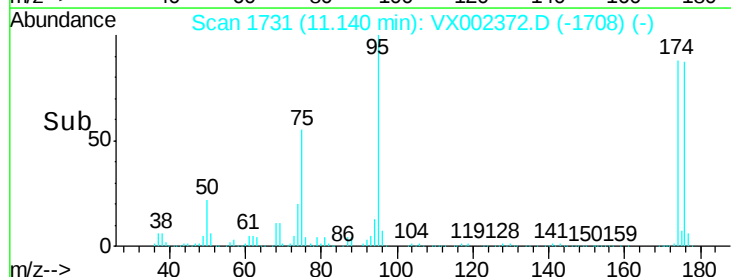
75 100

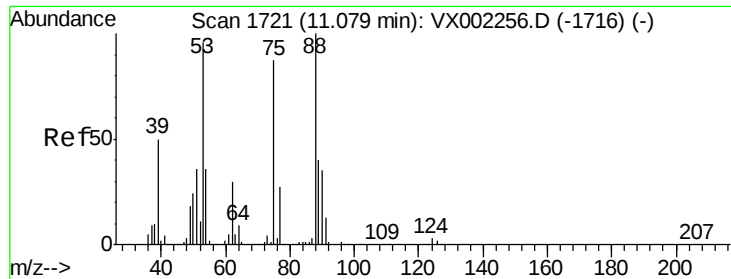
77 1.1 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 83.883 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002372.D

Acq: 07 Jun 2018 12:47

Instrument :

MSVOA_X

ClientSampleId :

ROCKPILE-SANDPILE

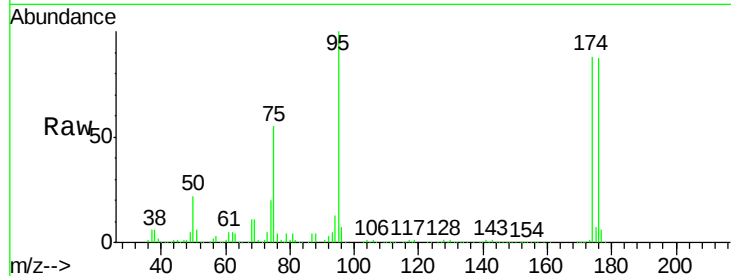
Tot Ion: 75 Resp: 100974

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

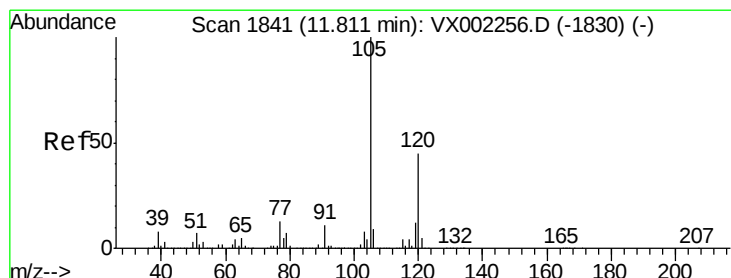
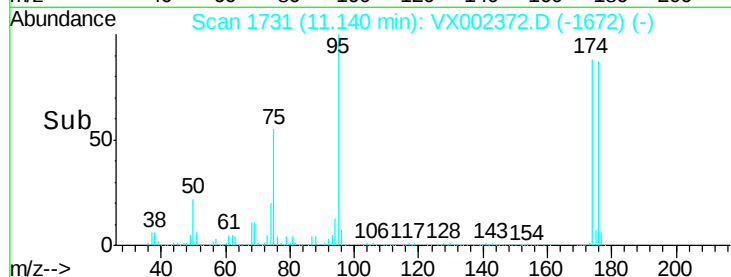
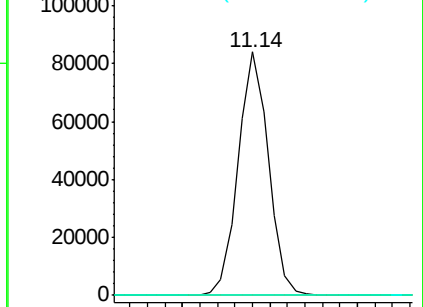
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.369 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002372.D

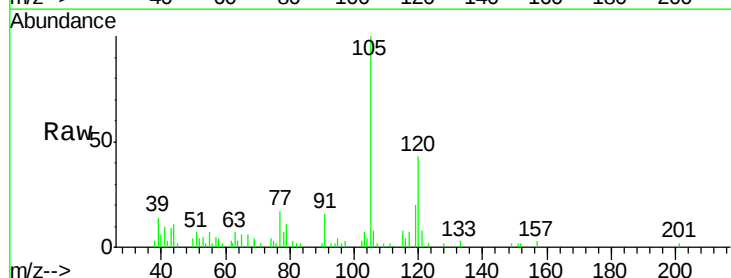
Acq: 07 Jun 2018 12:47

Tgt Ion: 105 Resp: 4361

Ion Ratio Lower Upper

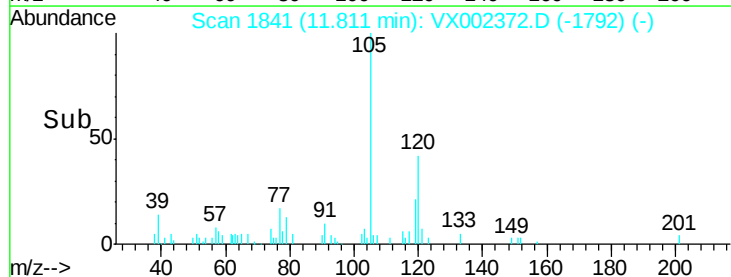
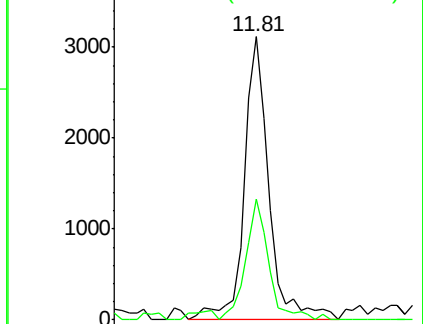
105 100

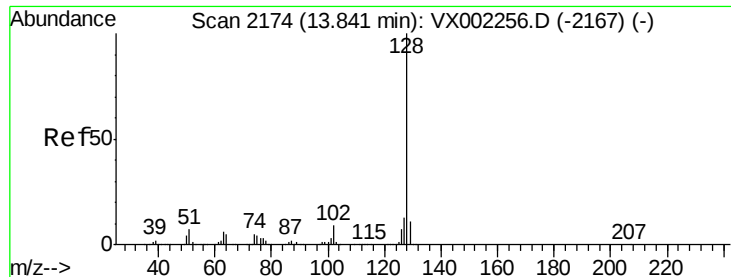
120 40.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.0	8.6	13.0

