

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032118\
 Data File : VX000386.D
 Acq On : 21 Mar 2018 15:37
 Operator : JC/MD
 Sample : J1997-32 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SLAB-CONCRETE-B

Quant Time: Mar 22 05:29:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	108319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	189007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86557	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	76745	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.56%		
35) Dibromofluoromethane	5.51	113	58454	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.16%		
50) Toluene-d8	8.73	98	236303	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.82%		
62) 4-Bromofluorobenzene	11.15	95	78674	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	78.52%		

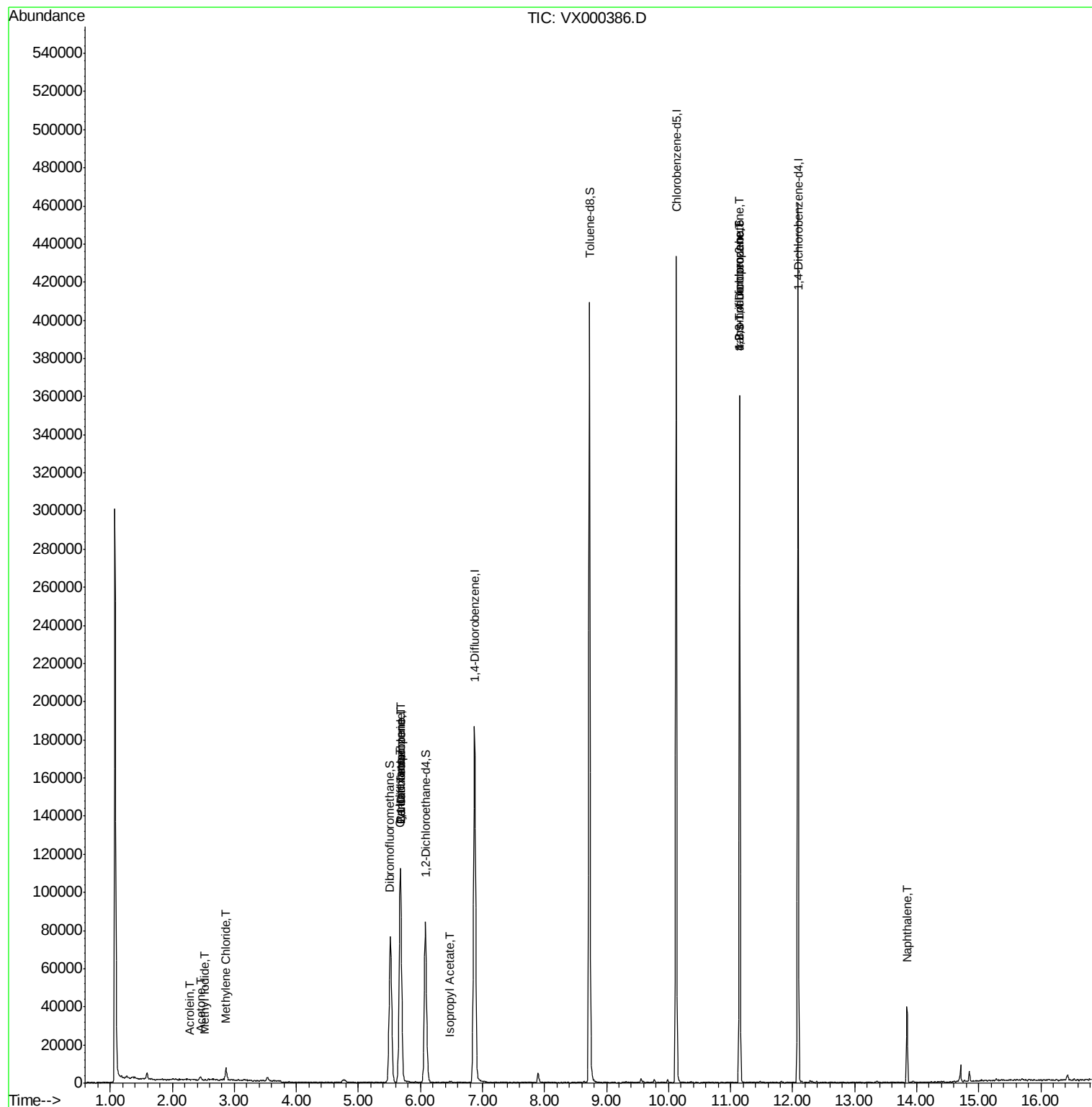
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.74	64	111	Below Cal	#	44
10) Methyl Iodide	2.53	142	75	4.33	ug/l #	37
13) Acrolein	2.28	56	19	14.69	ug/l #	1
14) Allyl chloride	2.73	41	163	Below Cal	#	53
16) Acetone	2.45	43	2035	1.73	ug/l	93
20) Methylene Chloride	2.87	84	2510	1.85	ug/l	90
31) Cyclohexane	5.67	56	2532	1.42	ug/l #	41
36) 1,1-Dichloropropene	5.67	75	8244	4.66	ug/l #	52
38) Carbon Tetrachloride	5.67	117	10674	5.75	ug/l #	15
43) Isopropyl Acetate	6.47	43	996	0.28	ug/l #	62
74) N-amyl acetate	6.47	43	996	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	46669	25.09	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	46669	81.22	ug/l #	9
95) Naphthalene	13.84	128	22994	3.25	ug/l	98

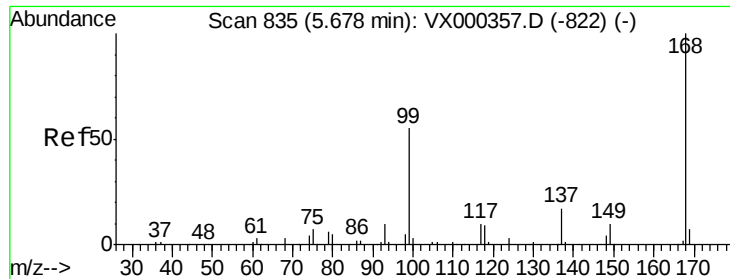
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000386.D

Acq: 21 Mar 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

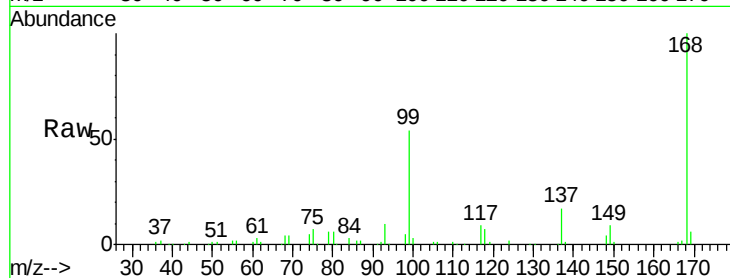
SLAB-CONCRETE-B

Tgt Ion:168 Resp: 108319

Ion Ratio Lower Upper

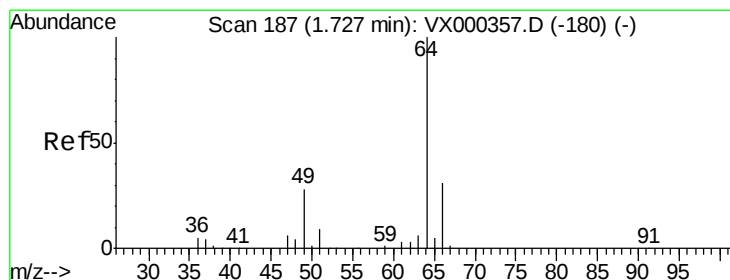
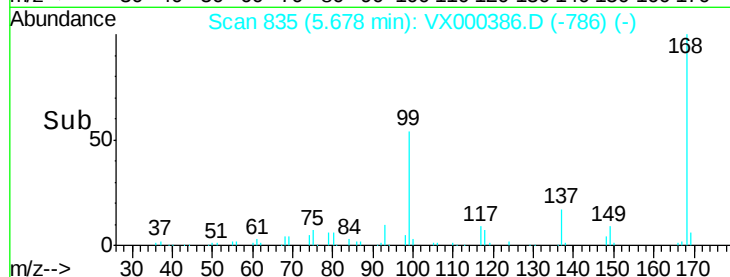
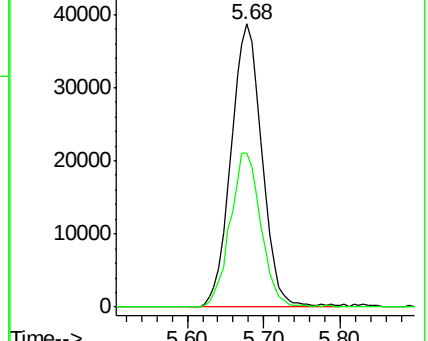
168 100

99 54.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX000386.D

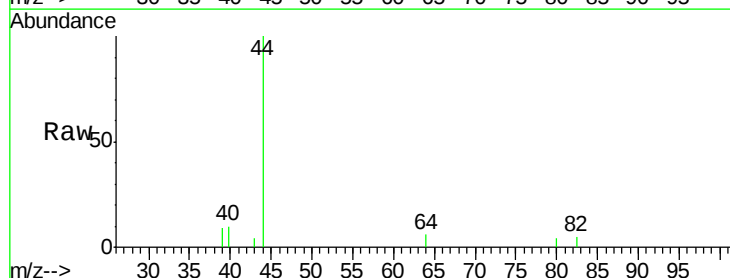
Acq: 21 Mar 2018 15:37

Tgt Ion: 64 Resp: 111

Ion Ratio Lower Upper

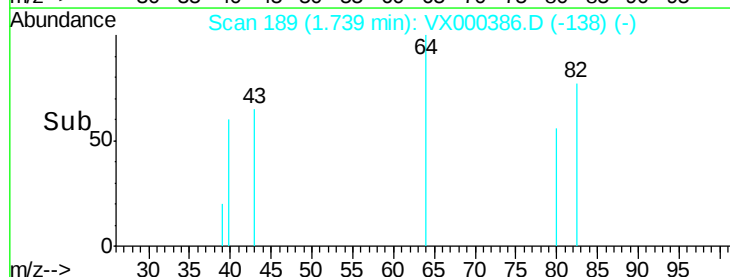
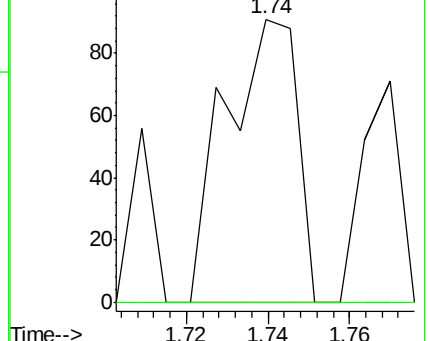
64 100

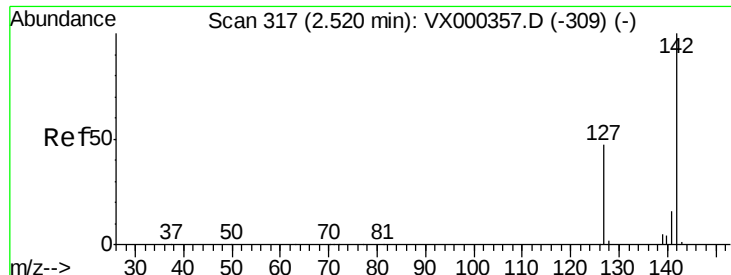
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

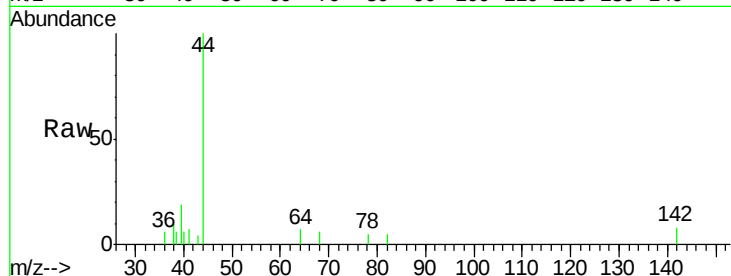




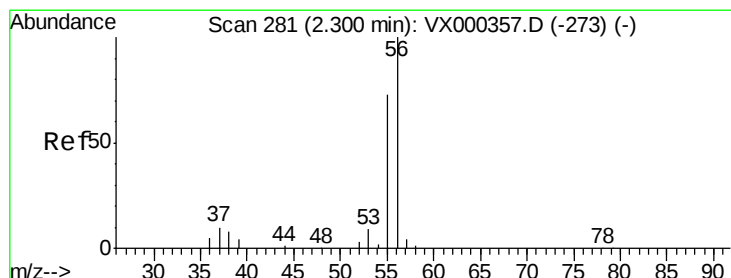
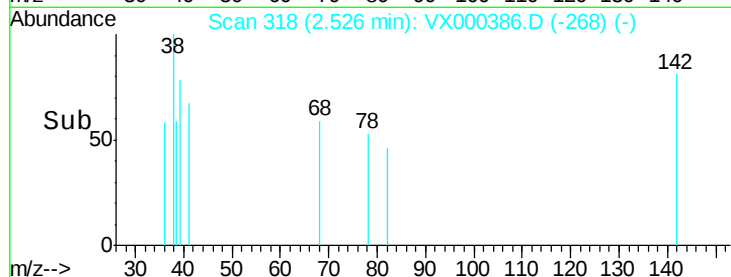
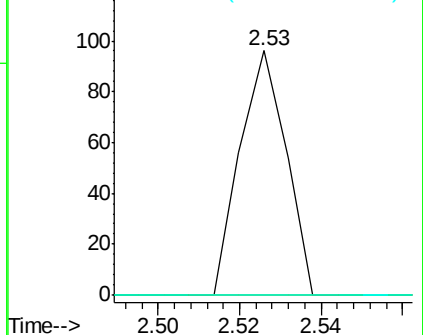
#10
Methyl Iodide
Concen: 4.33 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000386.D
Acq: 21 Mar 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
SLAB-CONCRETE-B

Tgt Ion: 142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#

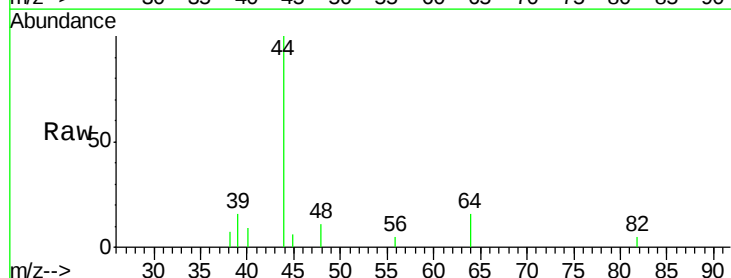


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

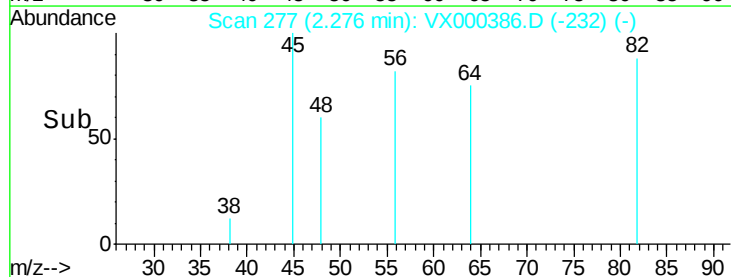
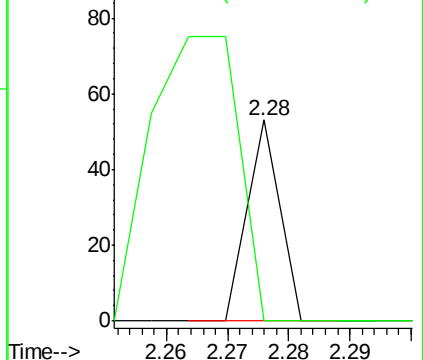


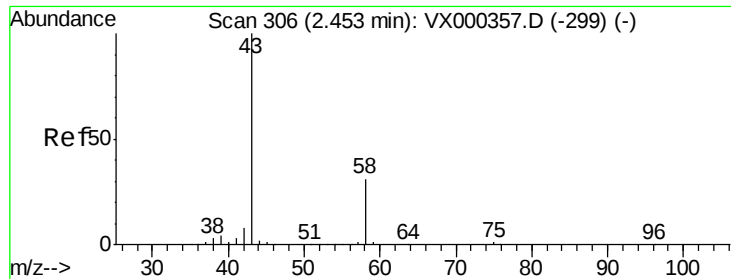
#13
Acrolein
Concen: 14.69 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX000386.D
Acq: 21 Mar 2018 15:37

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 394.7 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 1.73 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000386.D

Acq: 21 Mar 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

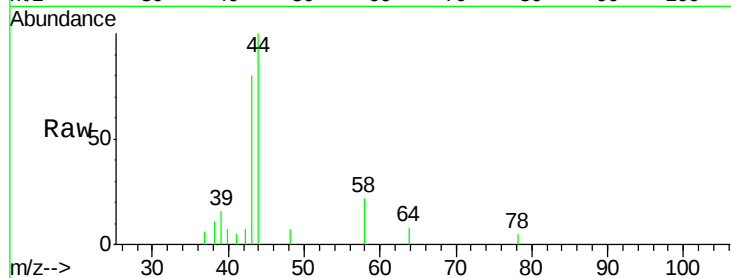
SLAB-CONCRETE-B

Tgt Ion: 43 Resp: 2035

Ion Ratio Lower Upper

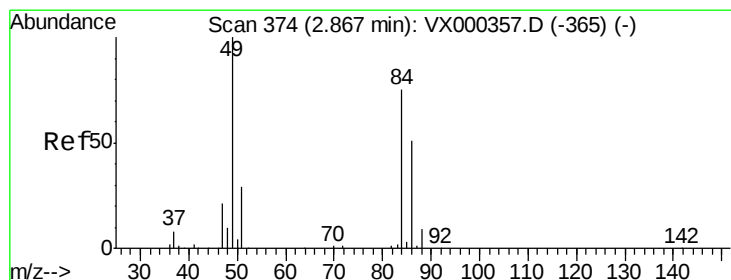
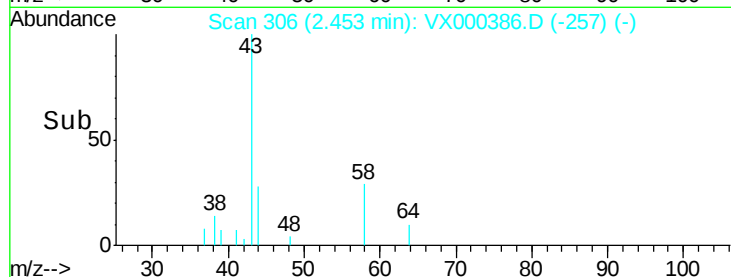
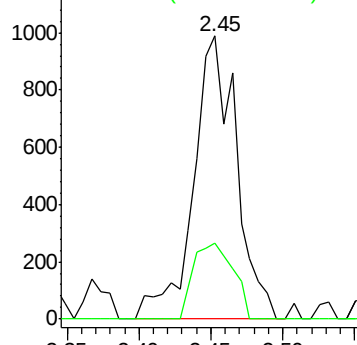
43 100

58 27.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 1.85 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000386.D

Acq: 21 Mar 2018 15:37

Tgt Ion: 84 Resp: 2510

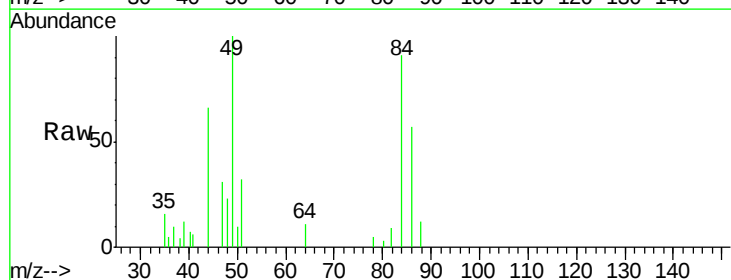
Ion Ratio Lower Upper

84 100

49 110.2 100.6 151.0

51 35.4 31.6 47.4

86 62.8 52.6 78.8

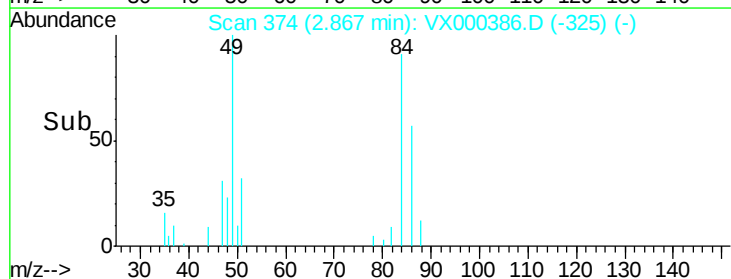
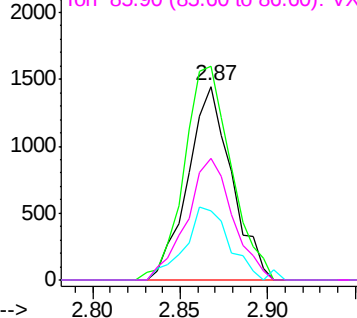


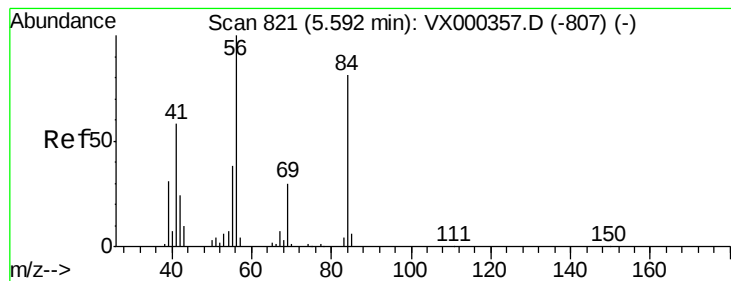
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#31

Cyclohexane

Concen: 1.42 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.07 min

Lab File: VX000386.D

Acq: 21 Mar 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

SLAB-CONCRETE-B

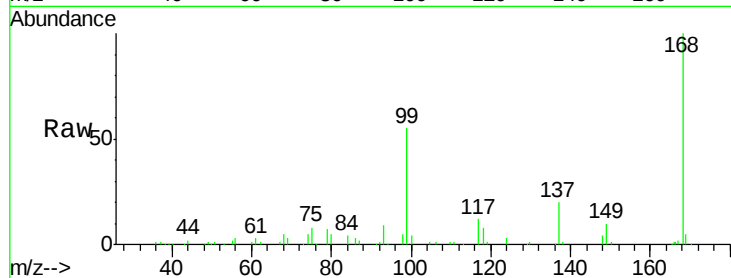
Tgt Ion: 56 Resp: 2532

Ion Ratio Lower Upper

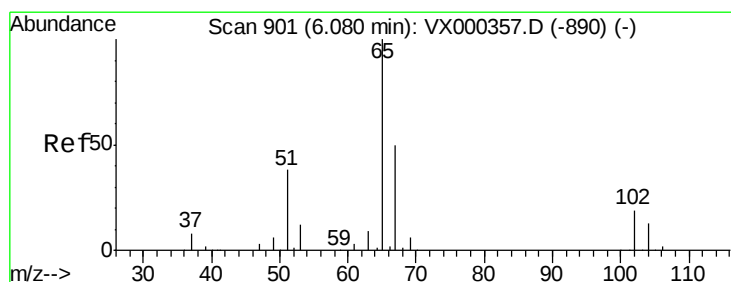
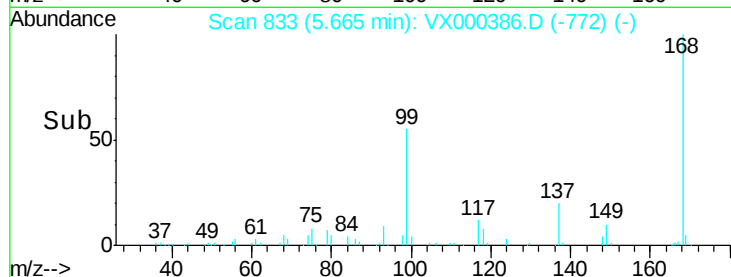
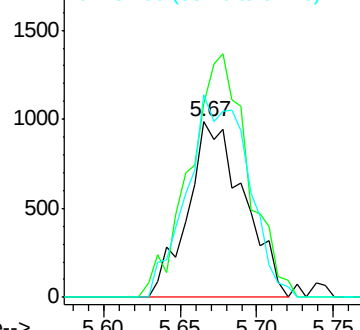
56 100

69 110.3 23.4 35.0#

84 115.5 71.0 106.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.28 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000386.D

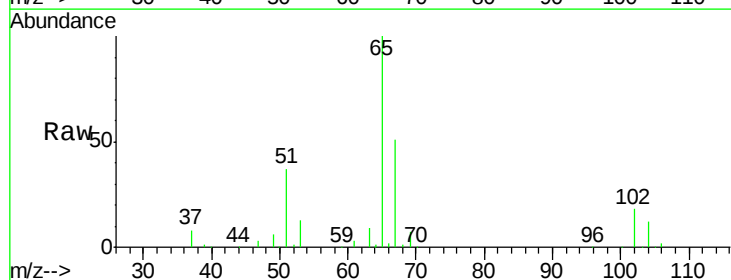
Acq: 21 Mar 2018 15:37

Tgt Ion: 65 Resp: 76745

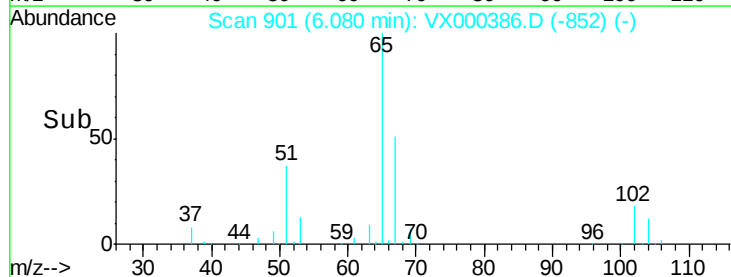
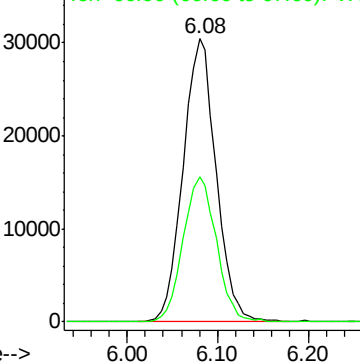
Ion Ratio Lower Upper

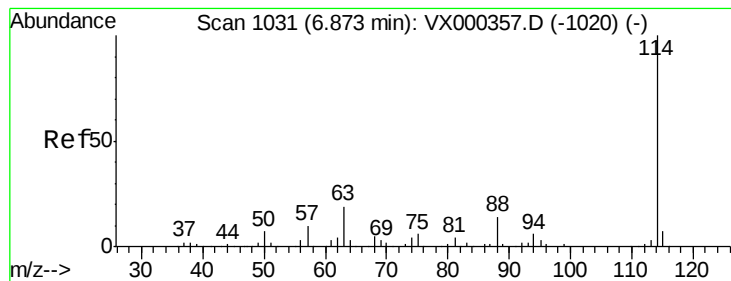
65 100

67 51.9 0.0 103.2



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000386.D

Acq: 21 Mar 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

SLAB-CONCRETE-B

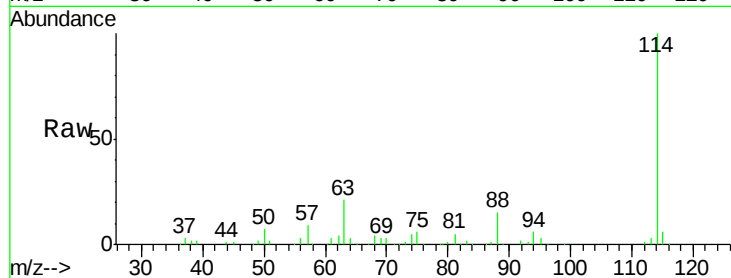
Tgt Ion:114 Resp: 189007

Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

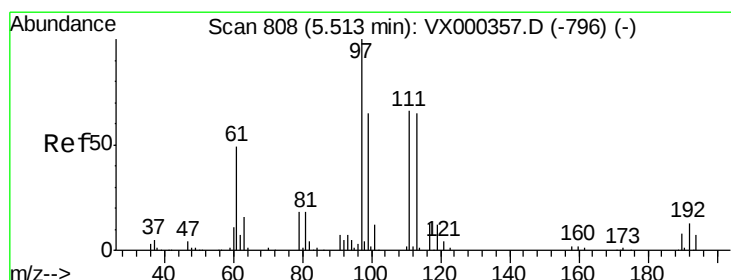
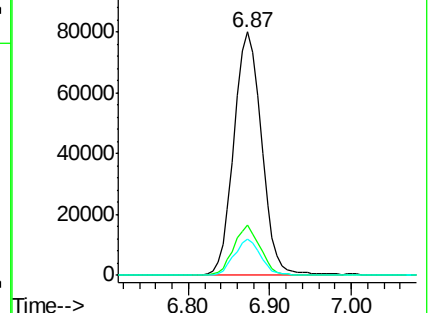
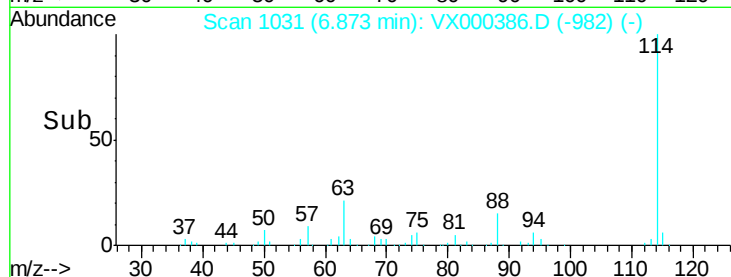
88 14.6 0.0 27.0



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: 49.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000386.D

Acq: 21 Mar 2018 15:37

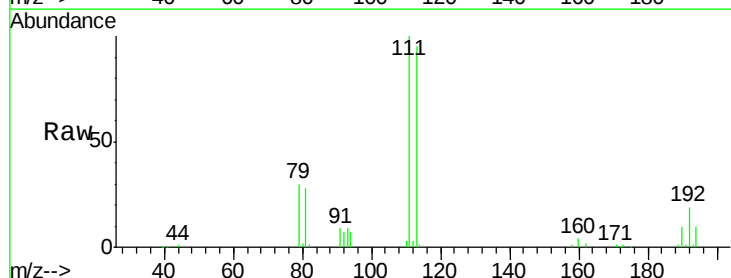
Tgt Ion:113 Resp: 58454

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

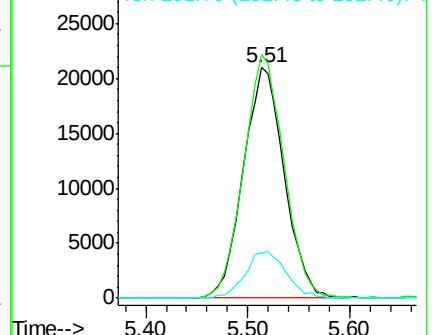
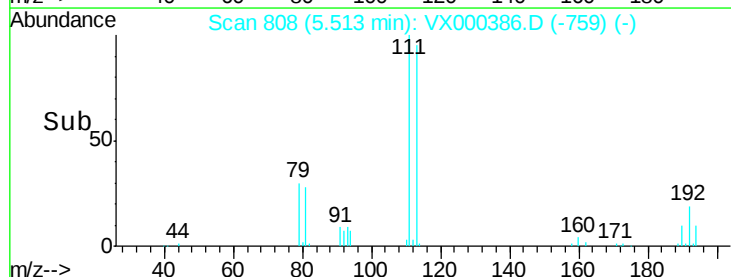
192 20.3 15.8 23.6

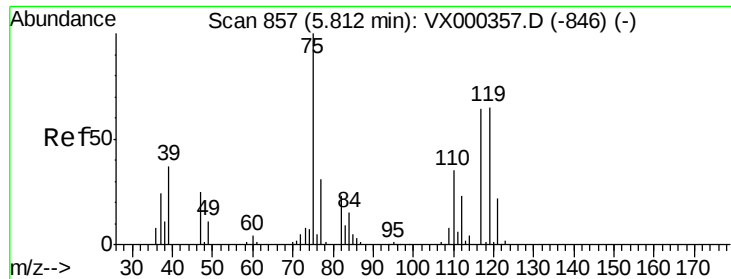


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

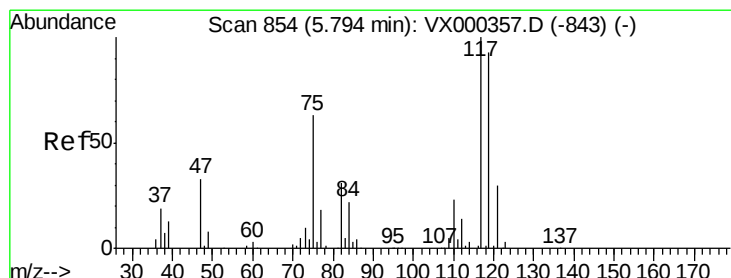
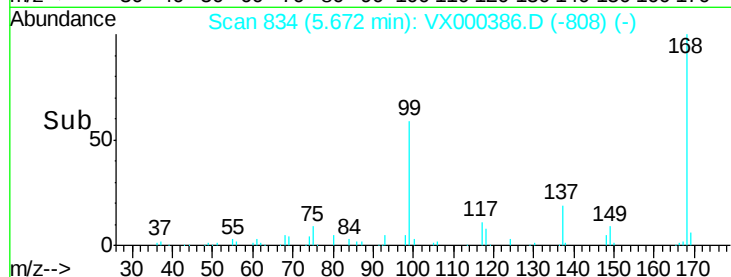
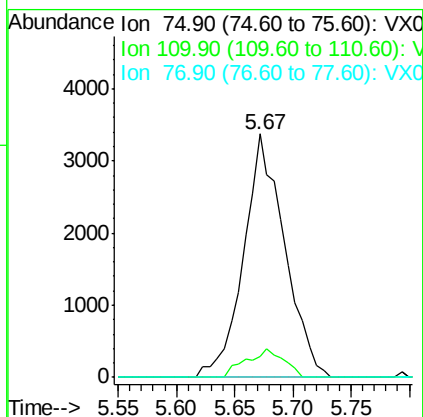
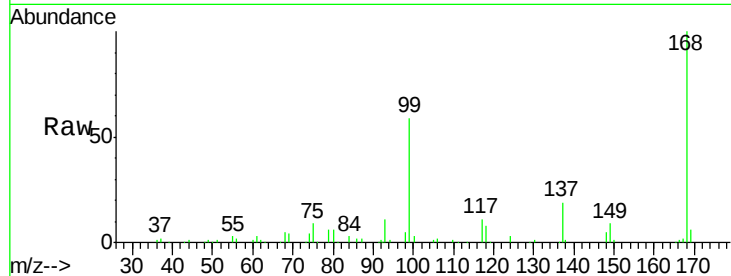




#36
 1,1-Dichloropropene
 Concen: 4.66 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000386.D
 Acq: 21 Mar 2018 15:37

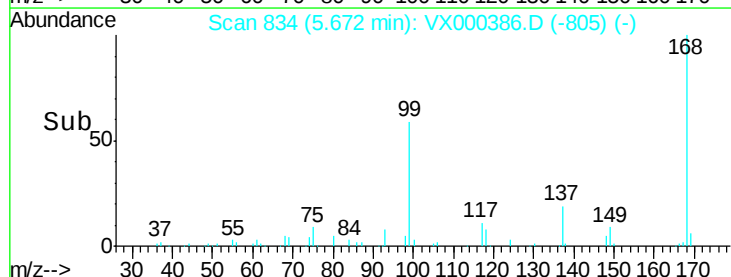
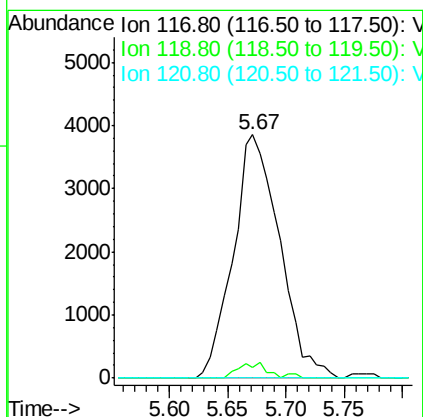
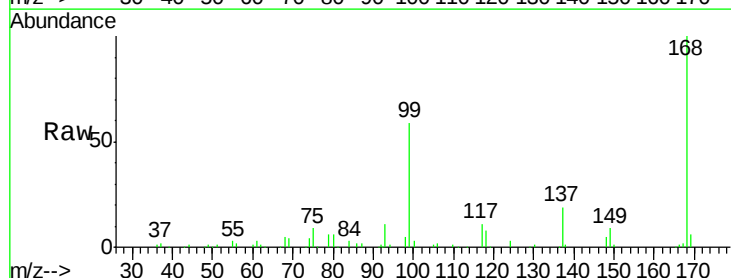
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 MSVOA_X
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 SLAB-CONCRETE-B

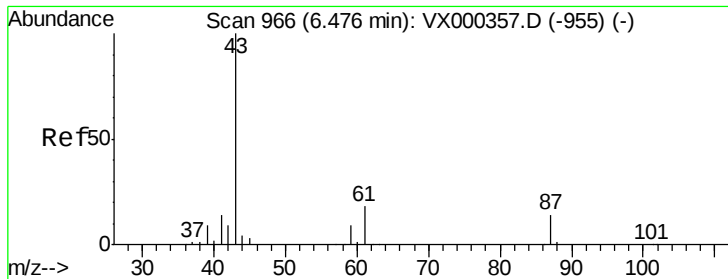
Tgt Ion: 75 Resp: 8244
 Ion Ratio Lower Upper
 75 100
 110 10.9 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.75 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX000386.D
 Acq: 21 Mar 2018 15:37

Tgt Ion: 117 Resp: 10674
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.4 116.2#
 121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 0.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000386.D

Acq: 21 Mar 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

SLAB-CONCRETE-B

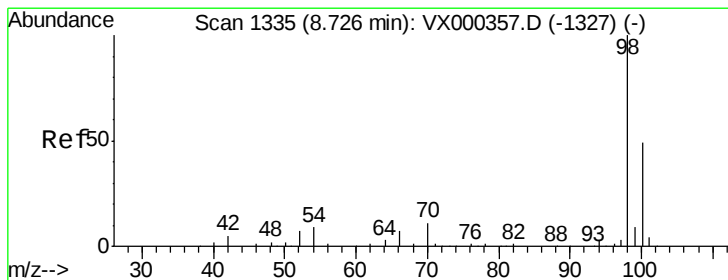
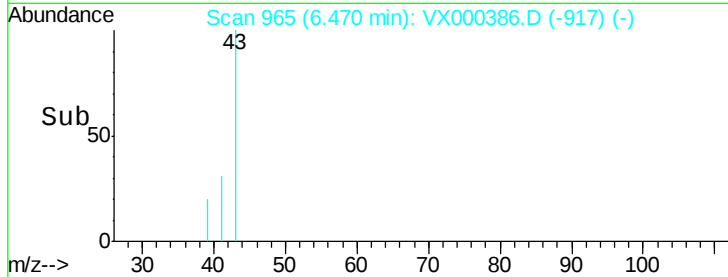
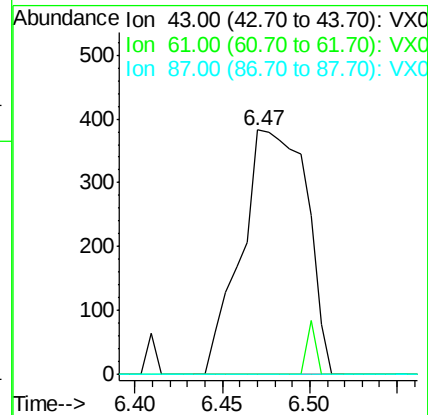
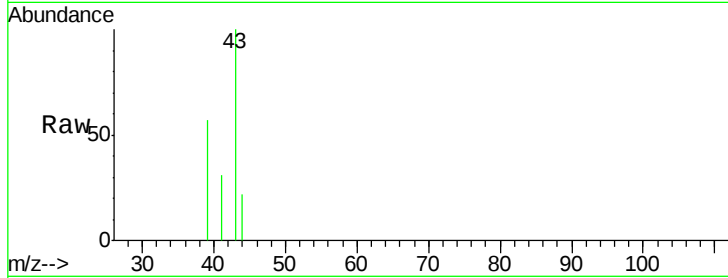
Tgt Ion: 43 Resp: 996

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

87 0.0 11.0 16.4#



#50

Toluene-d8

Concen: 47.91 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000386.D

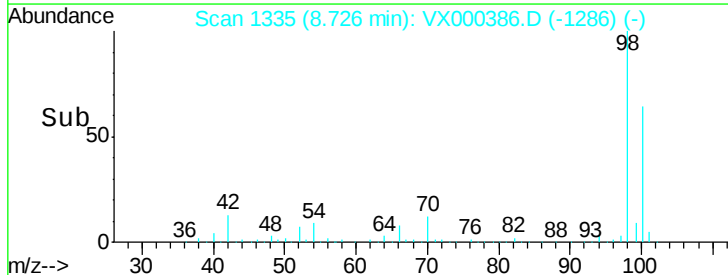
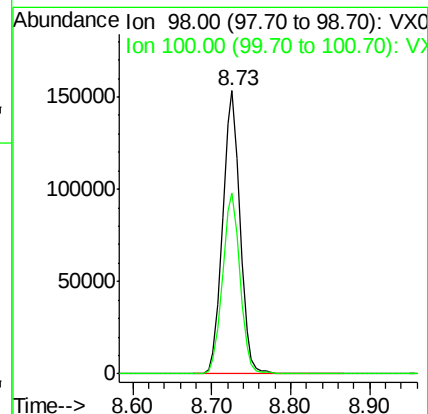
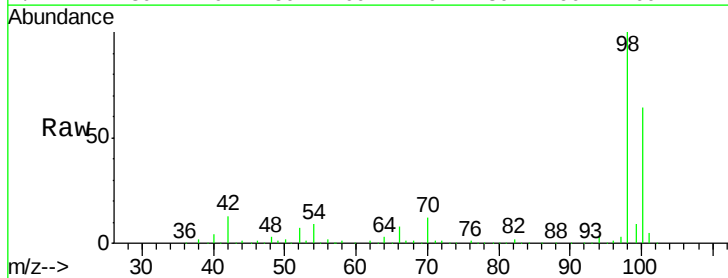
Acq: 21 Mar 2018 15:37

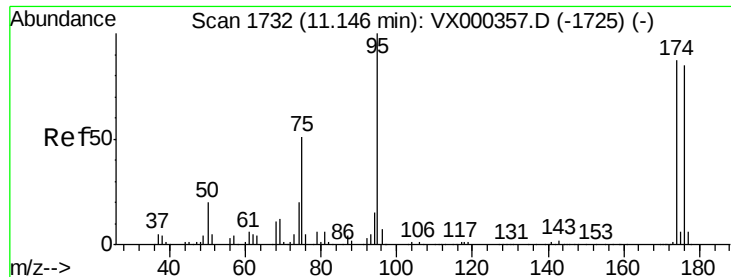
Tgt Ion: 98 Resp: 236303

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8

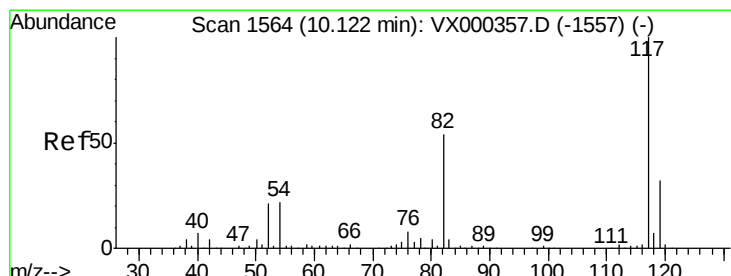
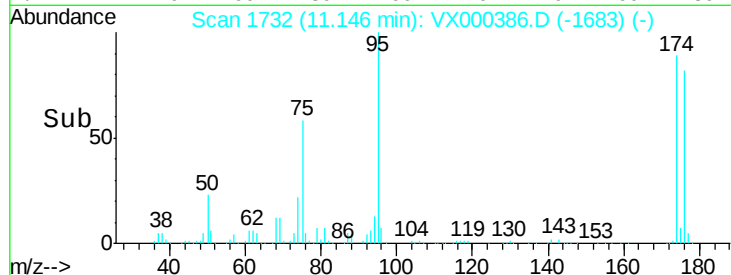
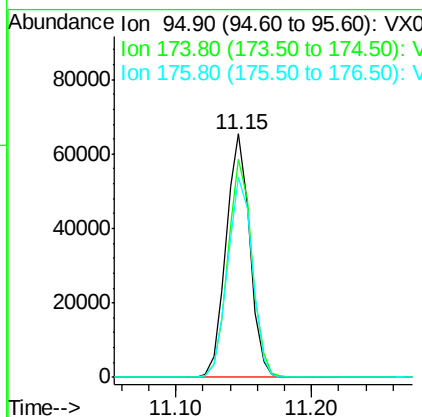
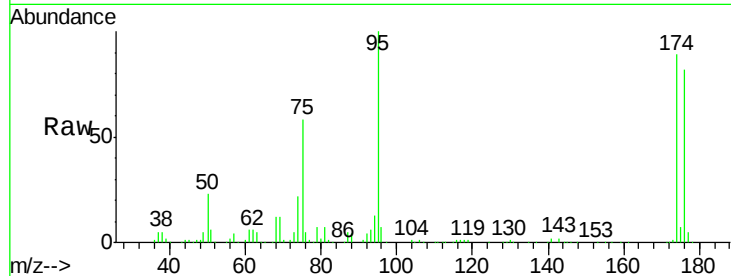




#62
4-Bromofluorobenzene
Concen: 39.26 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000386.D
Acq: 21 Mar 2018 15:37

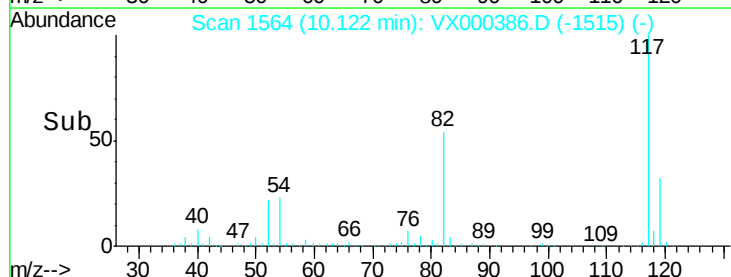
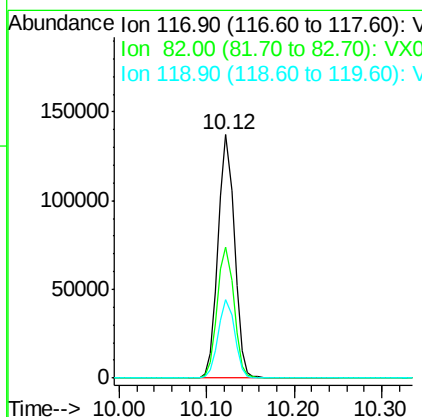
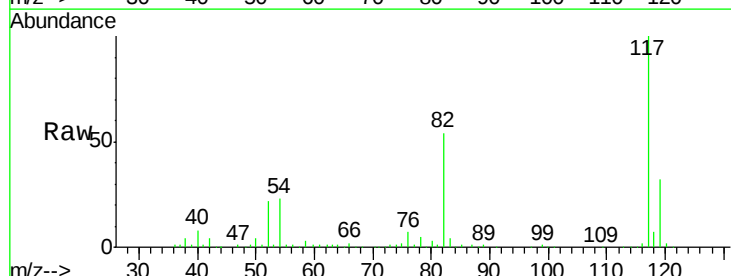
Instrument :
MSVOA_X
ClientSampleId :
SLAB-CONCRETE-B

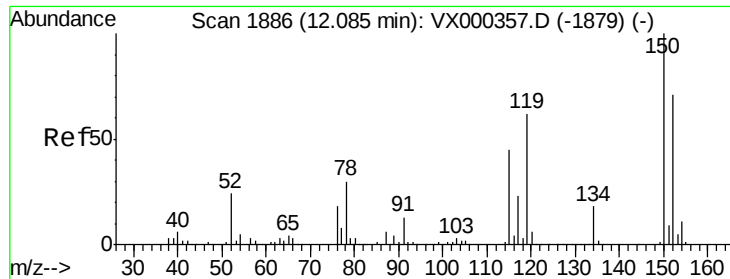
Tgt Ion: 95 Resp: 78674
Ion Ratio Lower Upper
95 100
174 90.9 0.0 173.6
176 86.2 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000386.D
Acq: 21 Mar 2018 15:37

Tgt Ion: 117 Resp: 178157
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 32.2 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000386.D

Acq: 21 Mar 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

SLAB-CONCRETE-B

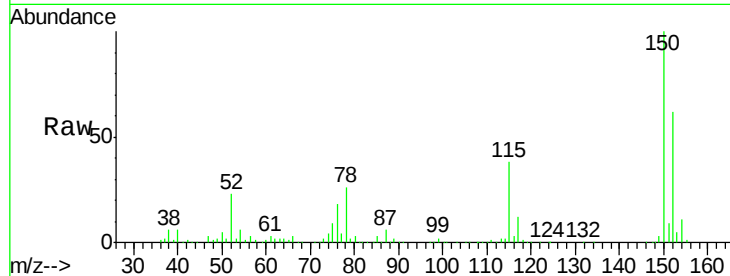
Tgt Ion:152 Resp: 86557

Ion Ratio Lower Upper

152 100

115 56.9 39.8 119.3

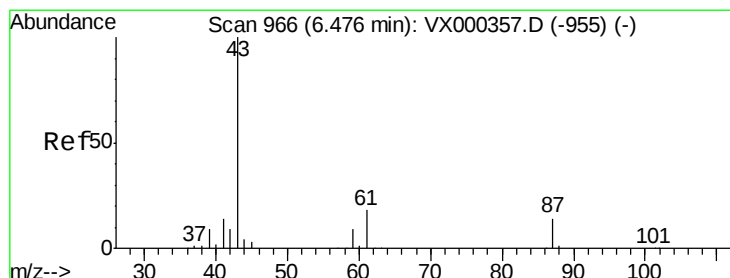
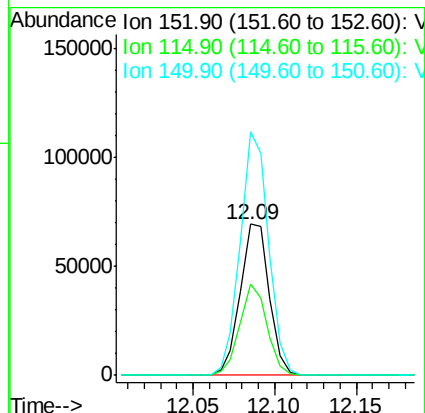
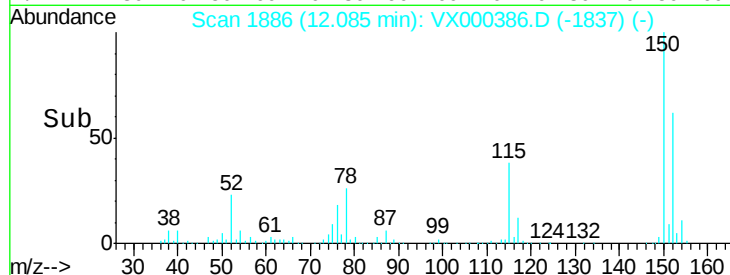
150 157.2 0.0 344.4



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



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000386.D

Acq: 21 Mar 2018 15:37

Tgt Ion: 43 Resp: 996

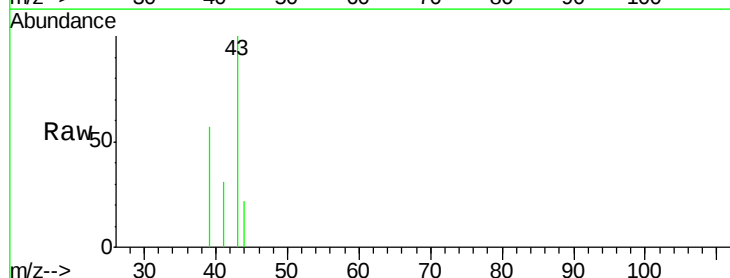
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

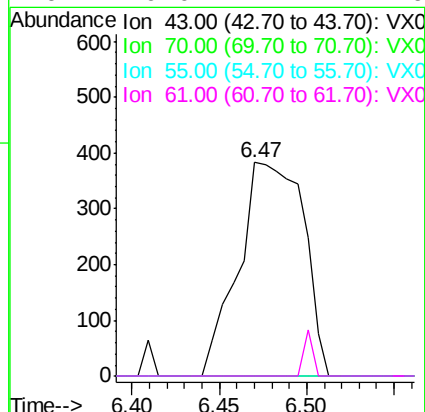
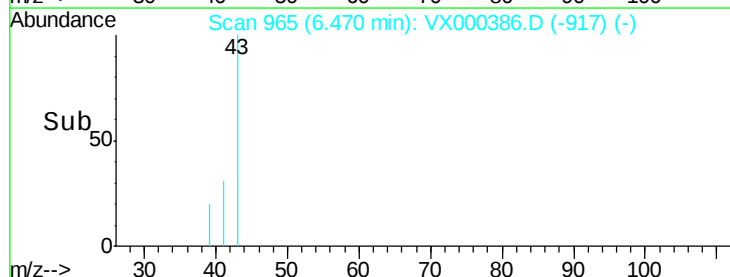


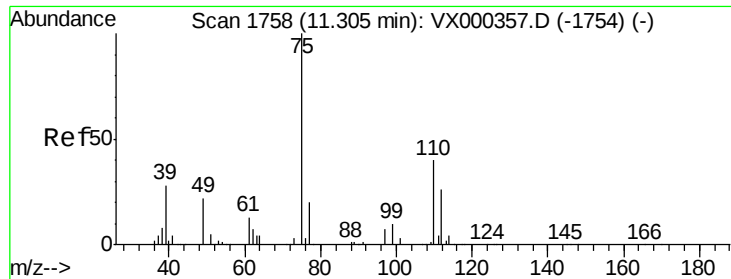
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

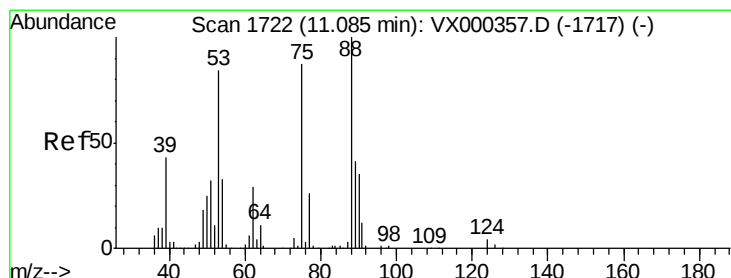
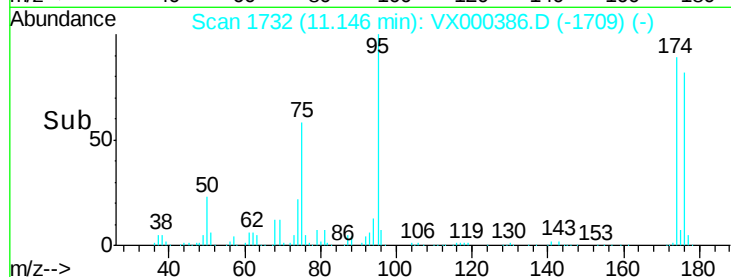
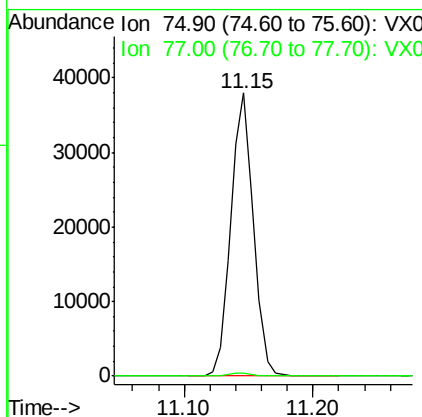
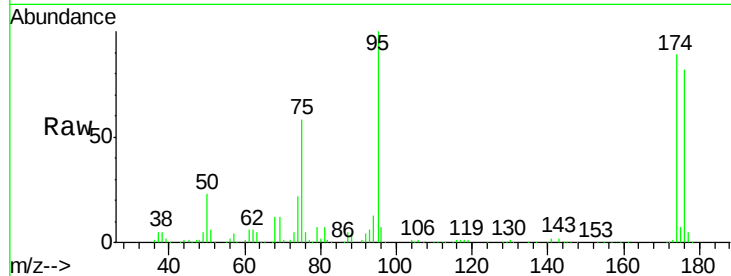




#76
 1,2,3-Trichloropropane
 Concen: 25.09 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000386.D
 Acq: 21 Mar 2018 15:37

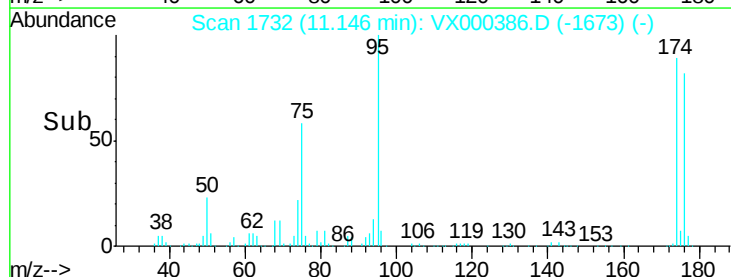
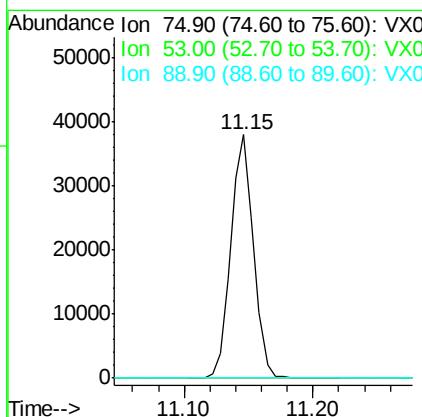
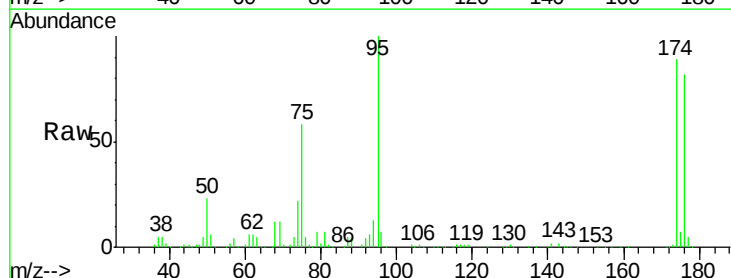
Instrument :
 MSVOA_X
 ClientSampleId :
 SLAB-CONCRETE-B

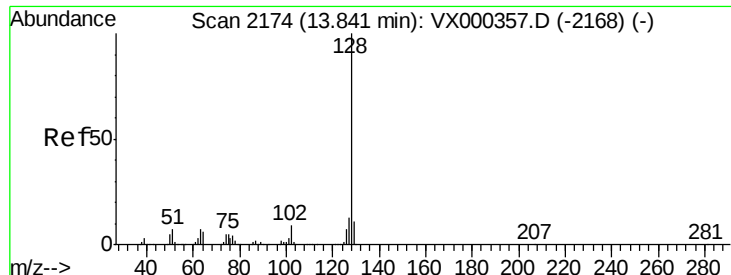
Tgt Ion: 75 Resp: 46669
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.4 64.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.22 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000386.D
 Acq: 21 Mar 2018 15:37

Tgt Ion: 75 Resp: 46669
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.0 39.4 59.0#





#95
Naphthalene
Concen: 3.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000386.D
Acq: 21 Mar 2018 15:37

Instrument :
MSVOA_X
ClientSampleId :
SLAB-CONCRETE-B

Tgt Ion:128 Resp: 22994
Ion Ratio Lower Upper
128 100
127 14.2 10.6 15.8
129 11.9 8.9 13.3

