

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032118\
 Data File : VX000387.D
 Acq On : 21 Mar 2018 16:03
 Operator : JC/MD
 Sample : J1997-40 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CINDER-BLOCK

Quant Time: Mar 22 05:29:46 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	5.67	168	105711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75359	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
35) Dibromofluoromethane	5.52	113	58347	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	8.73	98	234550	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.15	95	76711	39.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.14%	

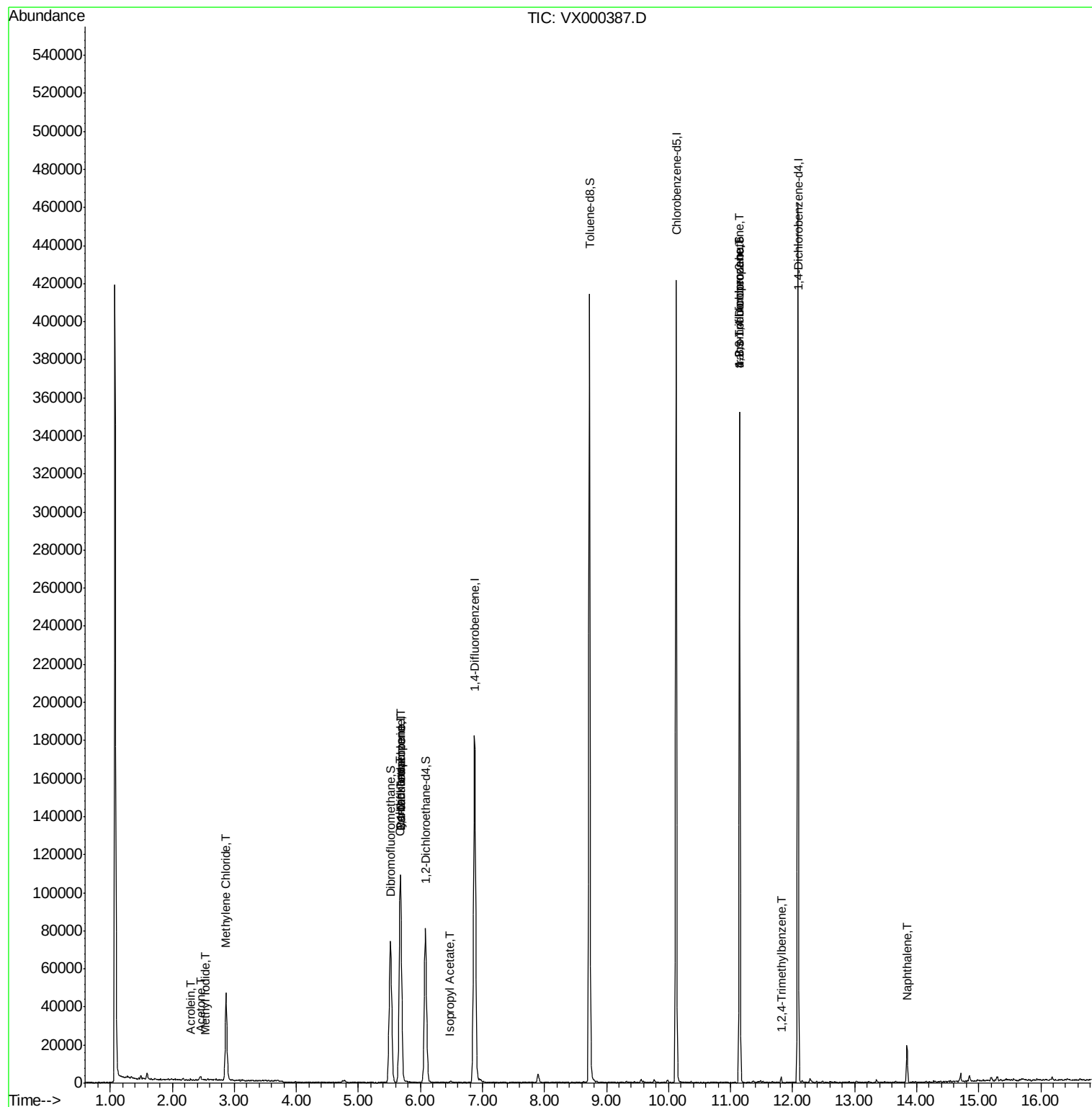
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.73	64	113	Below Cal	#	44
10) Methyl Iodide	2.53	142	63	4.32	ug/l #	37
13) Acrolein	2.29	56	22	14.71	ug/l #	1
14) Allyl chloride	2.74	41	84	Below Cal	#	1
16) Acetone	2.45	43	1833	1.60	ug/l	89
20) Methylene Chloride	2.87	84	20209	15.24	ug/l	93
31) Cyclohexane	5.67	56	2805	1.61	ug/l #	58
36) 1,1-Dichloropropene	5.67	75	8164	4.77	ug/l #	51
38) Carbon Tetrachloride	5.68	117	10918	6.09	ug/l #	16
43) Isopropyl Acetate	6.48	43	1050	0.30	ug/l #	66
74) N-amyl acetate	6.48	43	1050	Below Cal	#	66
76) 1,2,3-Trichloropropane	11.15	75	45642	24.91	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	45642	80.65	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.82	105	1384	0.28	ug/l	92
95) Naphthalene	13.84	128	11134	1.60	ug/l	96

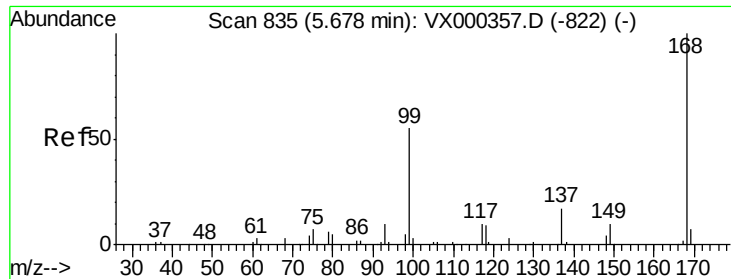
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

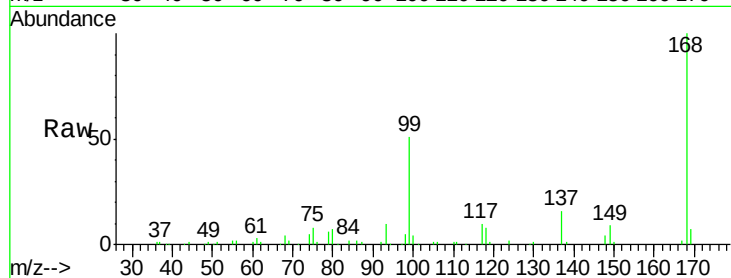
CINDER-BLOCK

Tgt Ion: 168 Resp: 105711

Ion Ratio Lower Upper

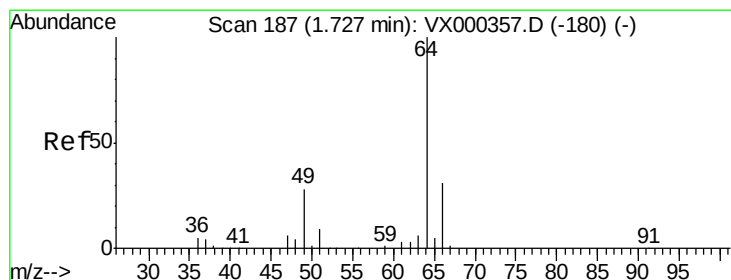
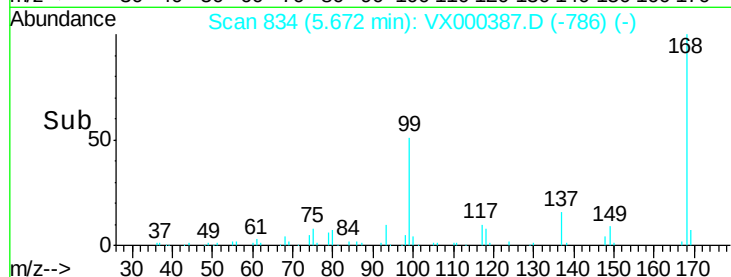
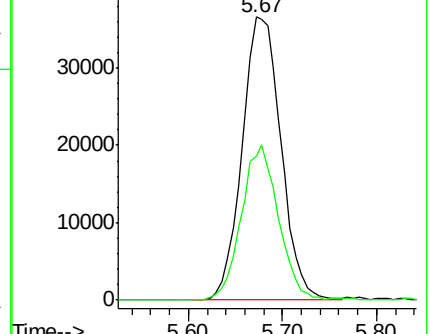
168 100

99 50.8 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: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000387.D

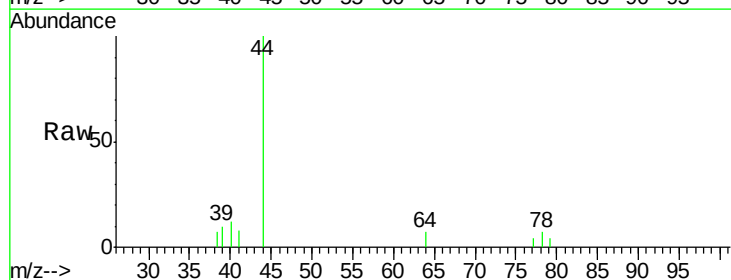
Acq: 21 Mar 2018 16:03

Tgt Ion: 64 Resp: 113

Ion Ratio Lower Upper

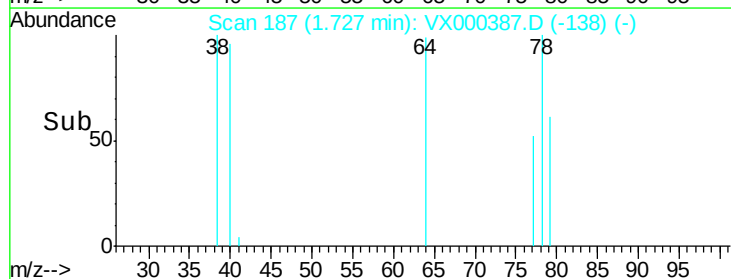
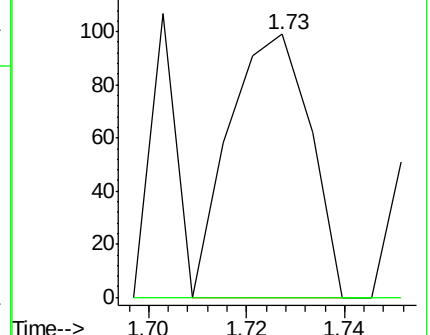
64 100

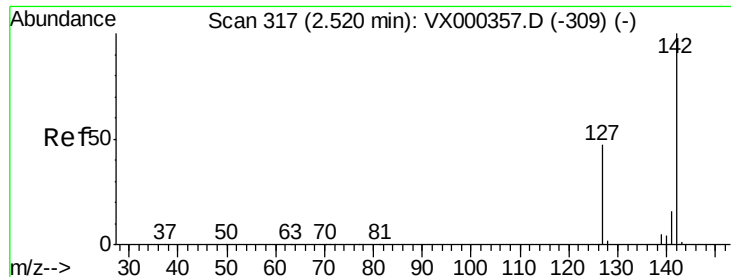
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

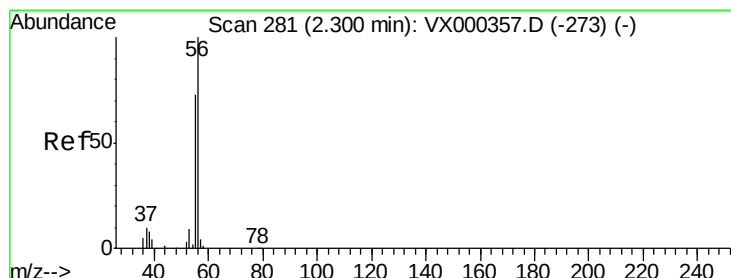
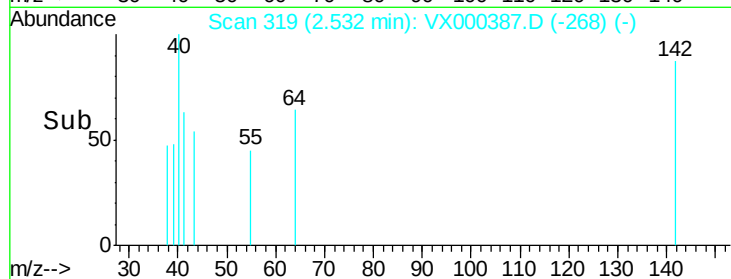
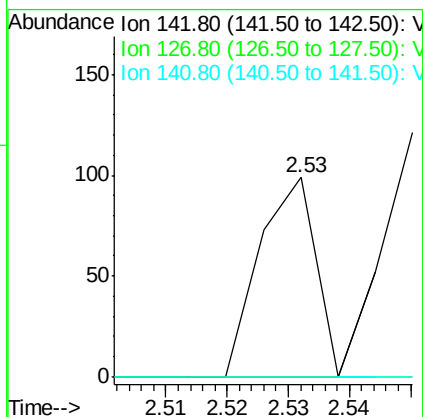
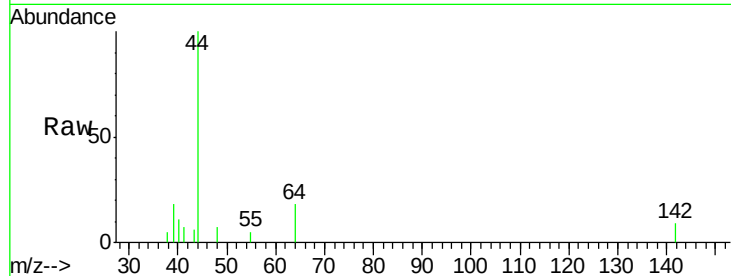




#10
Methyl Iodide
Concen: 4.32 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX000387.D
Acq: 21 Mar 2018 16:03

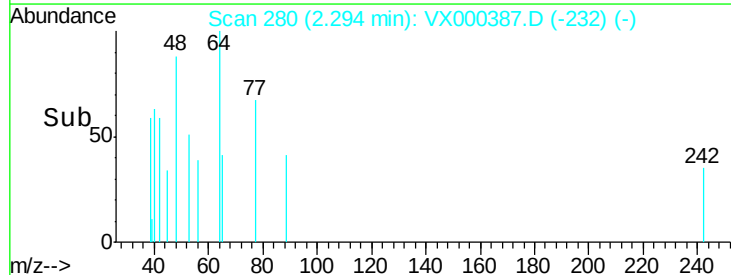
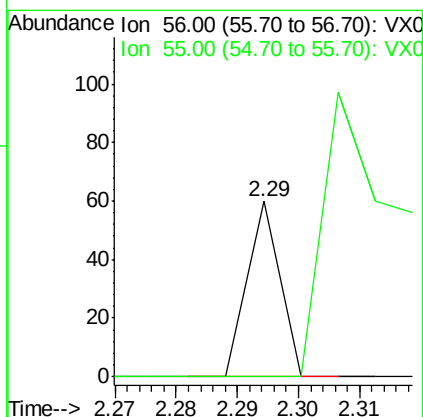
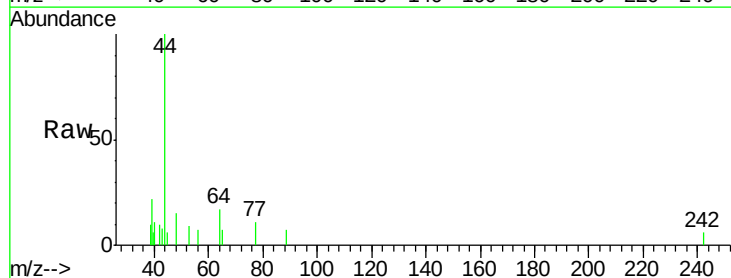
Instrument :
MSVOA_X
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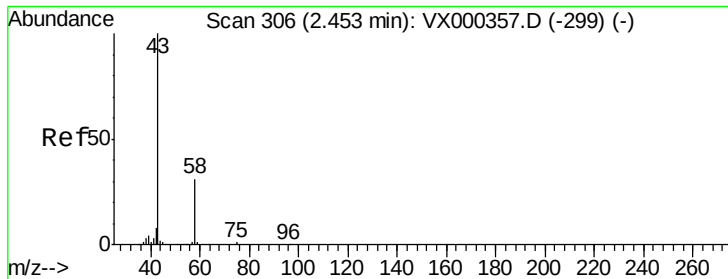
Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#



#13
Acrolein
Concen: 14.71 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000387.D
Acq: 21 Mar 2018 16:03

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 354.5 58.8 88.2#

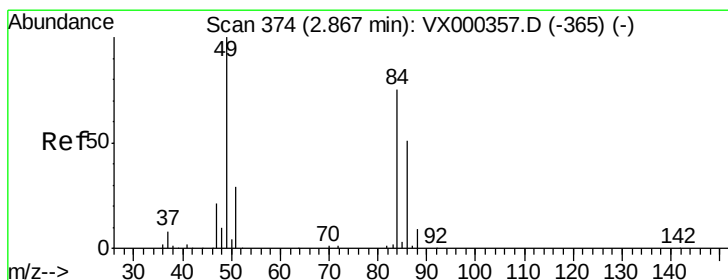
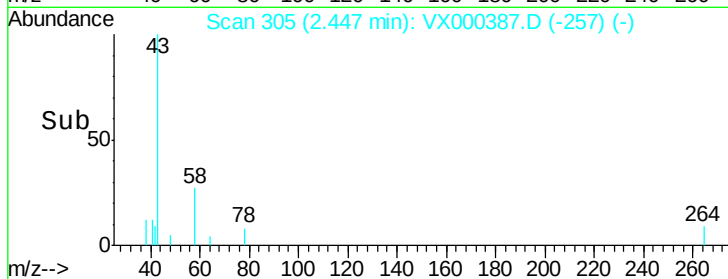
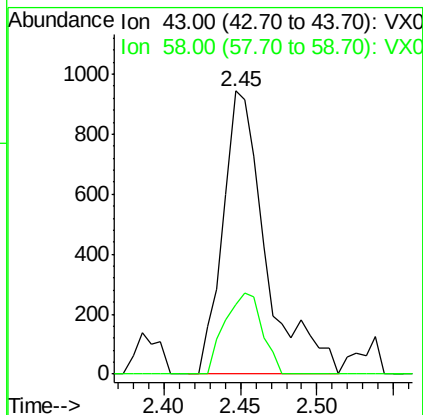
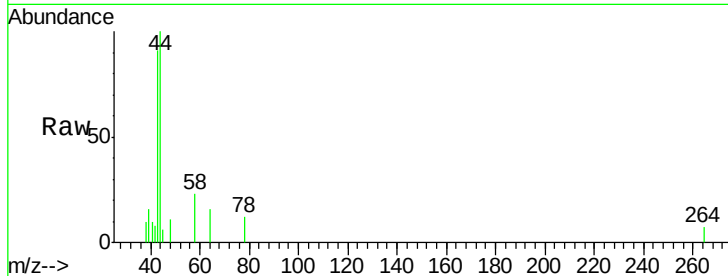




#16
Acetone
Concen: 1.60 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000387.D
Acq: 21 Mar 2018 16:03

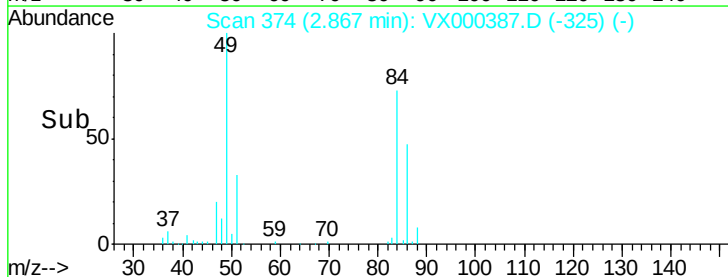
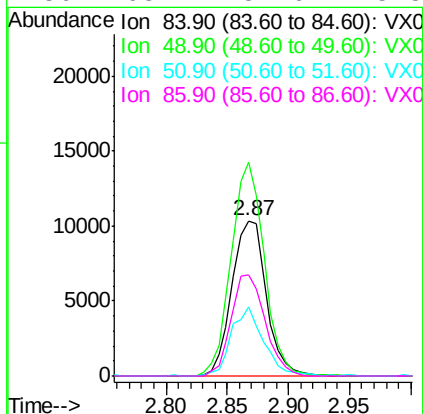
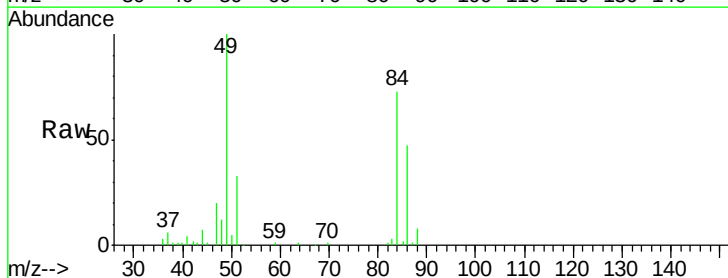
Instrument :
MSVOA_X
ClientSampleId :
CINDER-BLOCK

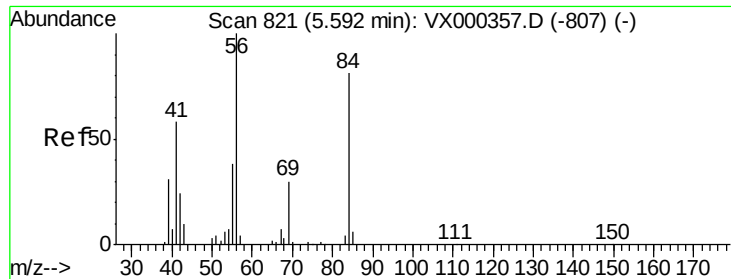
Tgt Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
58 24.8 24.7 37.1



#20
Methylene Chloride
Concen: 15.24 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000387.D
Acq: 21 Mar 2018 16:03

Tgt Ion: 84 Resp: 20209
Ion Ratio Lower Upper
84 100
49 137.3 100.6 151.0
51 44.8 31.6 47.4
86 65.1 52.6 78.8

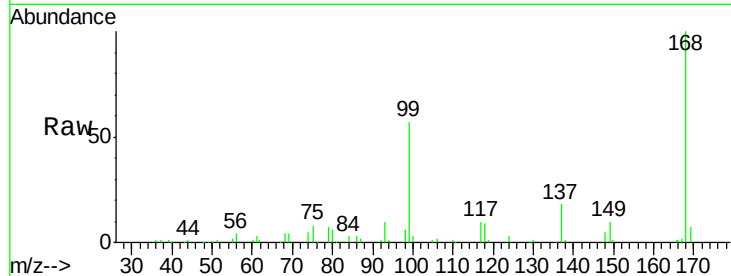




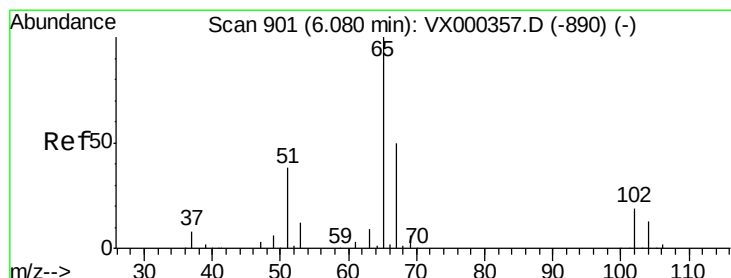
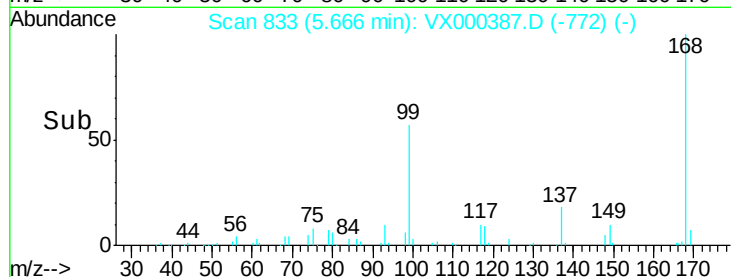
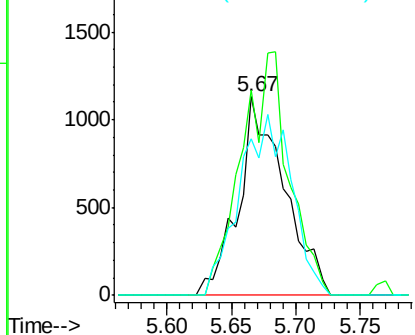
#31
Cyclohexane
Concen: 1.61 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.07 min
Lab File: VX000387.D
Acq: 21 Mar 2018 16:03

Instrument :
MSVOA_X
ClientSampleId :
CINDER-BLOCK

Tgt Ion: 56 Resp: 2805
Ion Ratio Lower Upper
56 100
69 103.4 23.4 35.0#
84 78.6 71.0 106.4

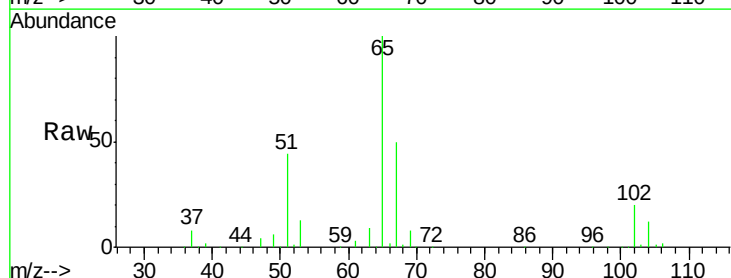


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

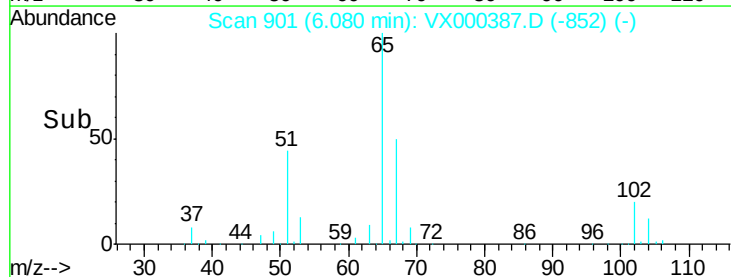
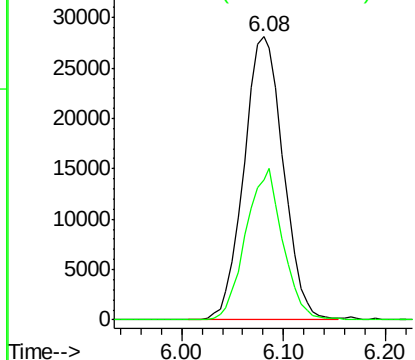


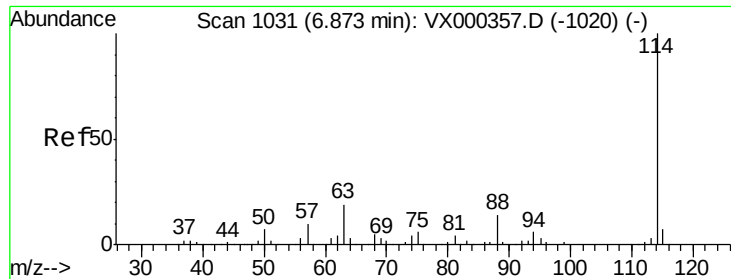
#33
1,2-Dichloroethane-d4
Concen: 54.61 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000387.D
Acq: 21 Mar 2018 16:03

Tgt Ion: 65 Resp: 75359
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.2



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

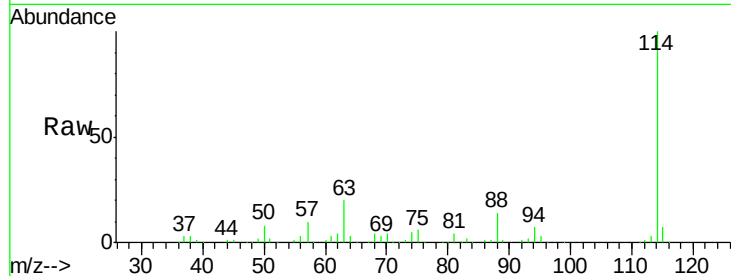




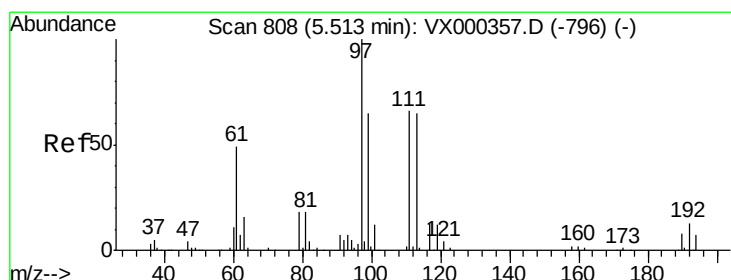
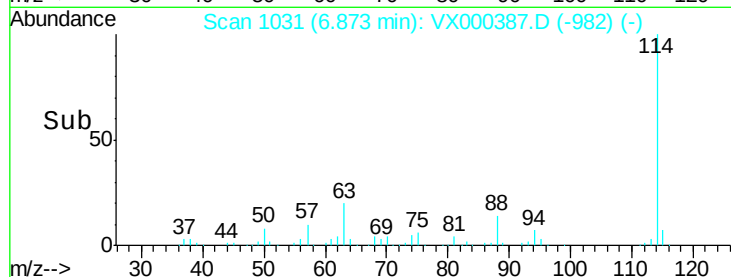
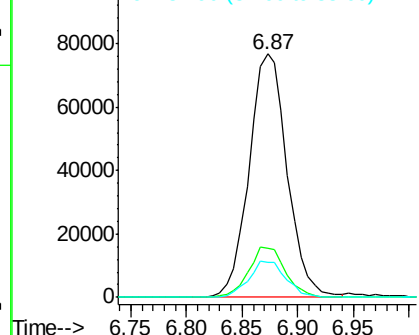
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000387.D
 Acq: 21 Mar 2018 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 CINDER-BLOCK

Tgt Ion:114 Resp: 182572
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.4
 88 14.4 0.0 27.0

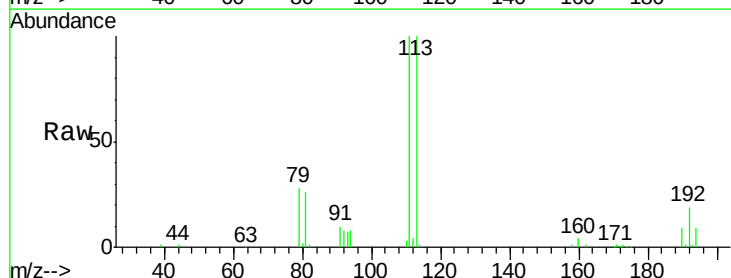


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

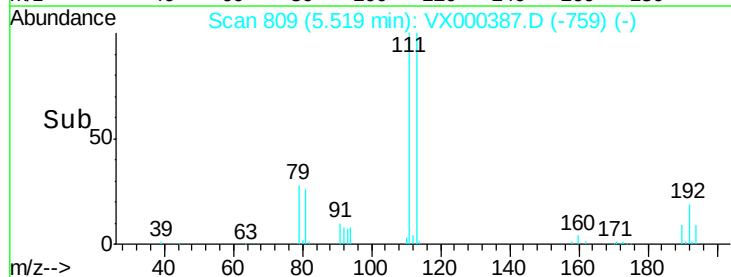
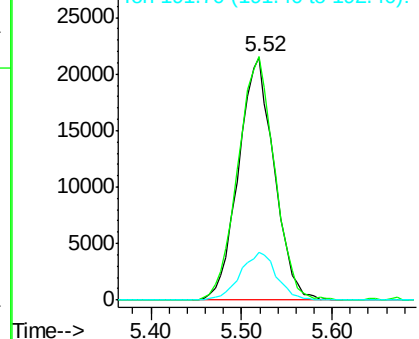


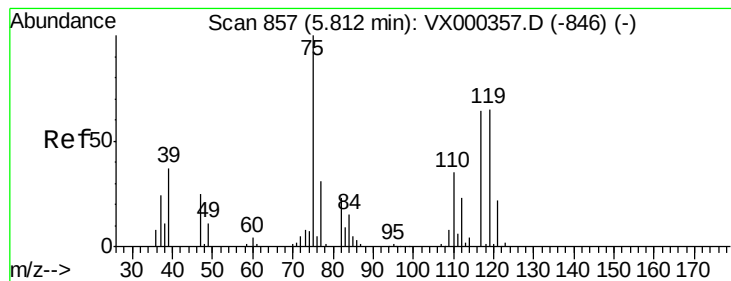
#35
 Dibromofluoromethane
 Concen: 50.72 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000387.D
 Acq: 21 Mar 2018 16:03

Tgt Ion:113 Resp: 58347
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 20.0 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: 4.77 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

CINDER-BLOCK

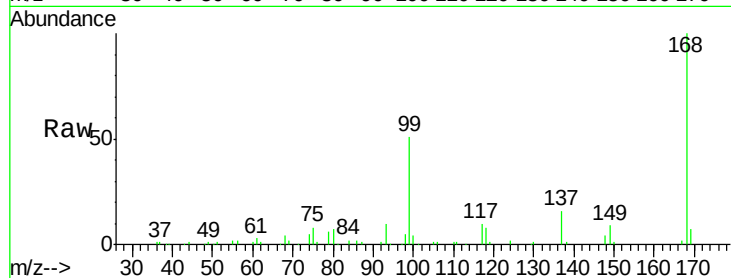
Tgt Ion: 75 Resp: 8164

Ion Ratio Lower Upper

75 100

110 10.1 17.9 53.7#

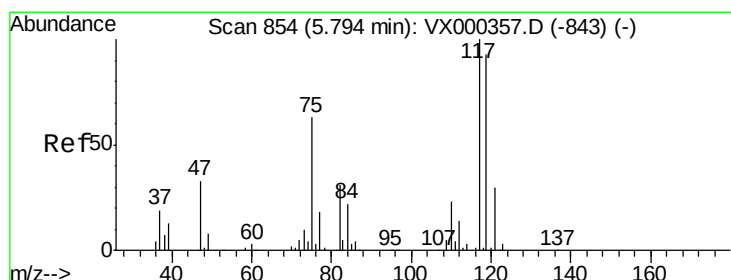
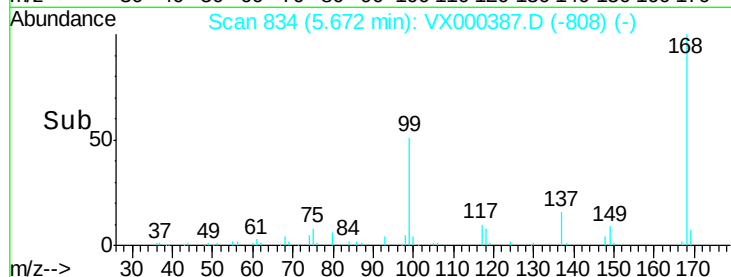
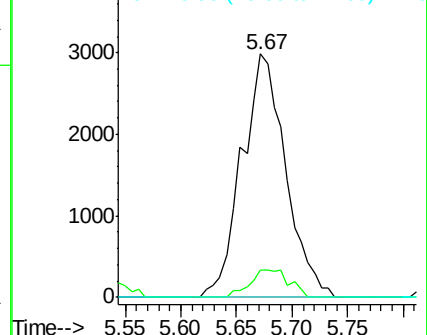
77 0.0 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.09 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.12 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

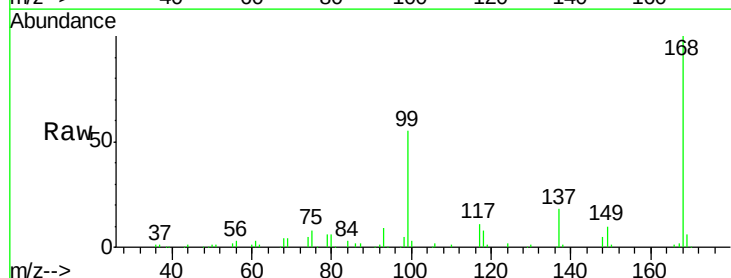
Tgt Ion: 117 Resp: 10918

Ion Ratio Lower Upper

117 100

119 5.3 77.4 116.2#

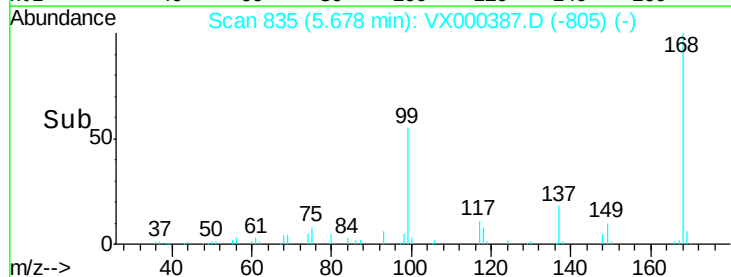
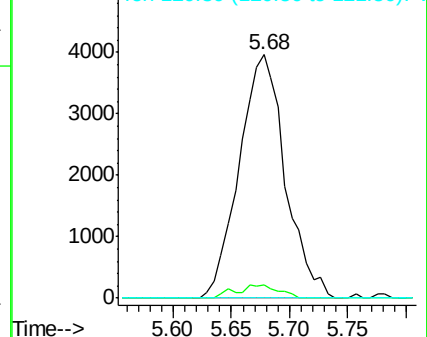
121 0.0 24.8 37.2#

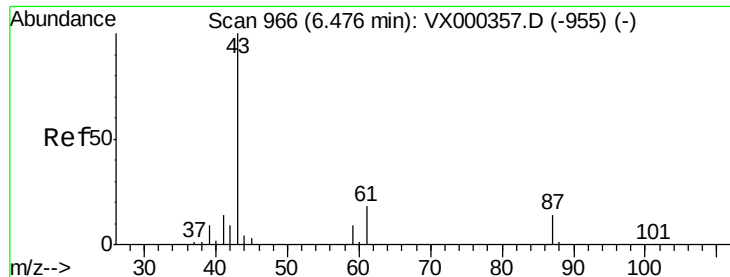


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 0.30 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

CINDER-BLOCK

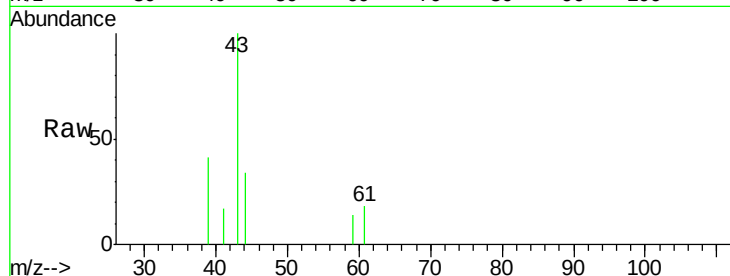
Tgt Ion: 43 Resp: 1050

Ion Ratio Lower Upper

43 100

61 3.0 14.4 21.6#

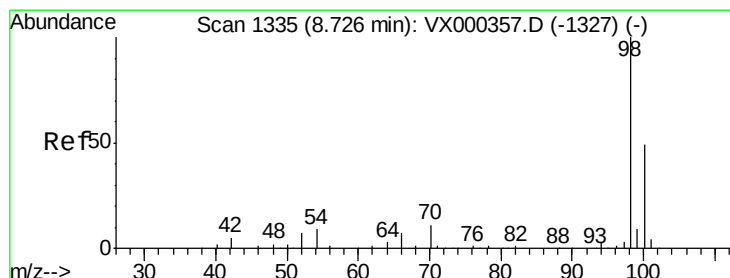
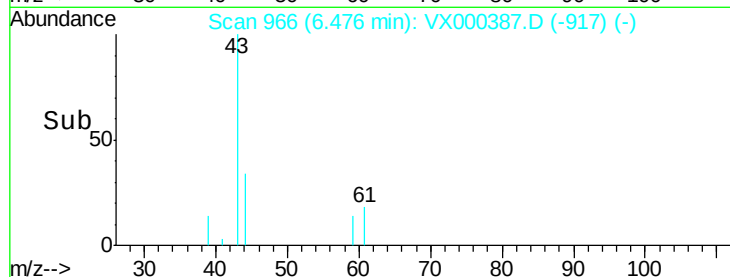
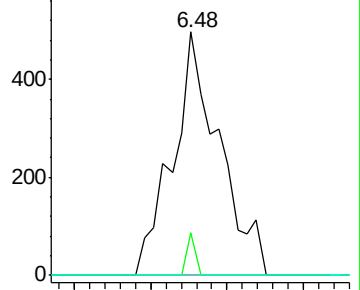
87 0.0 11.0 16.4#



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: 49.23 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000387.D

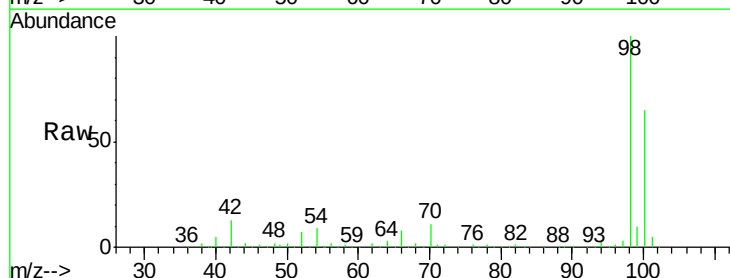
Acq: 21 Mar 2018 16:03

Tgt Ion: 98 Resp: 234550

Ion Ratio Lower Upper

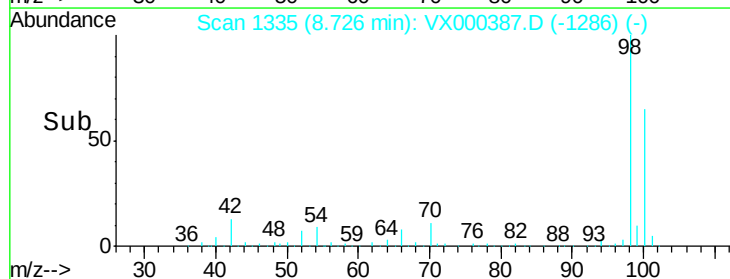
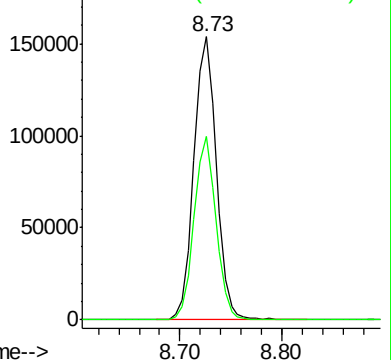
98 100

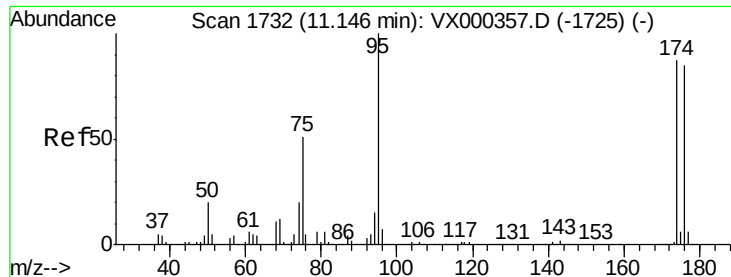
100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 39.57 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

CINDER-BLOCK

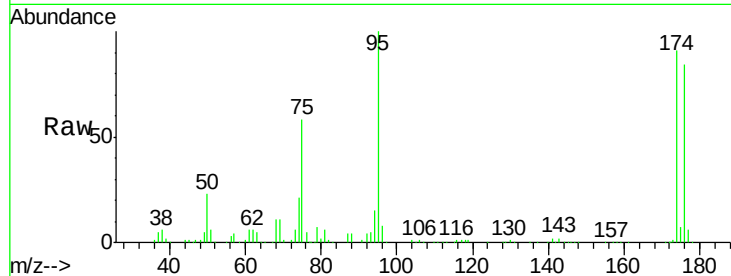
Tgt Ion: 95 Resp: 76711

Ion Ratio Lower Upper

95 100

174 91.6 0.0 173.6

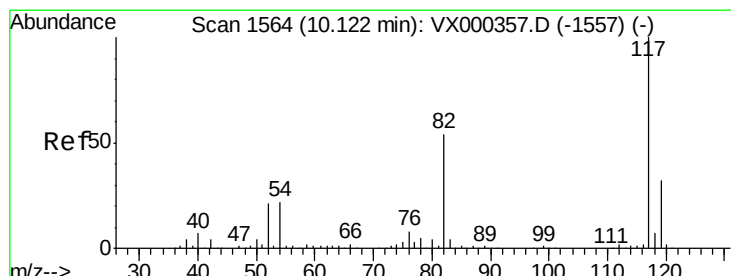
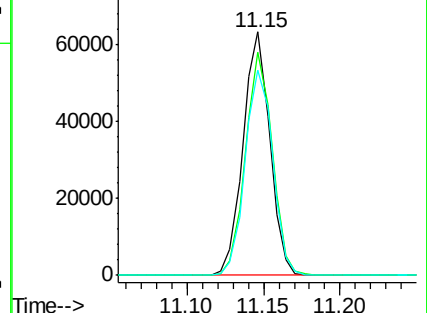
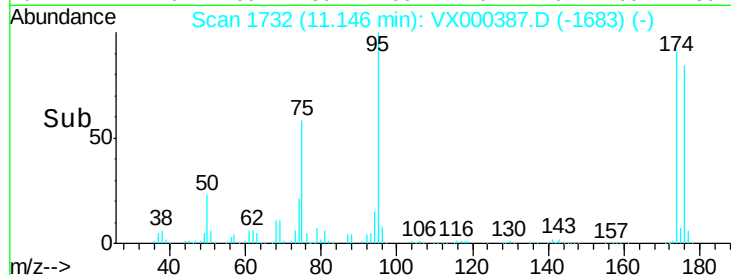
176 87.0 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000387.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000387.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000387.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

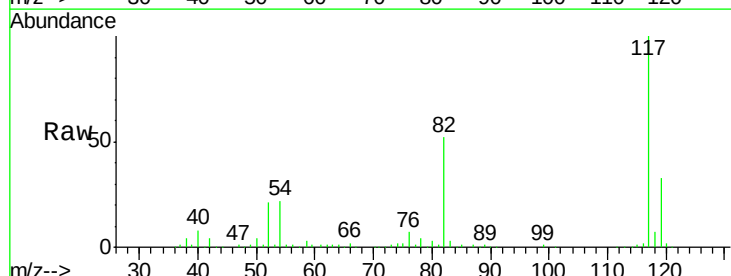
Tgt Ion: 117 Resp: 178590

Ion Ratio Lower Upper

117 100

82 51.8 43.8 65.8

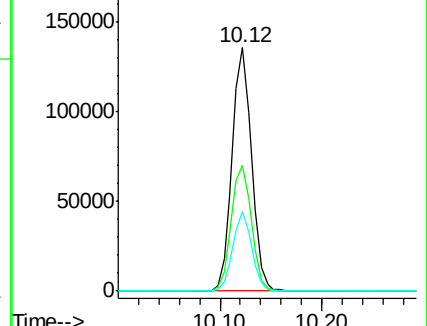
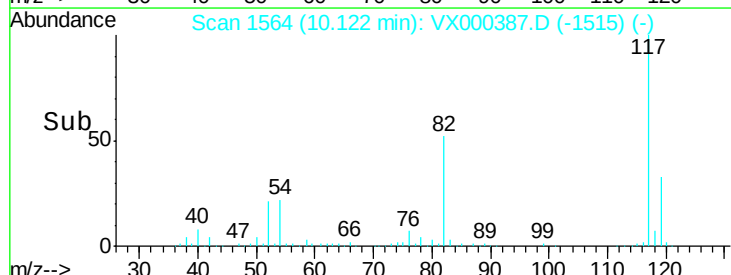
119 32.8 24.9 37.3

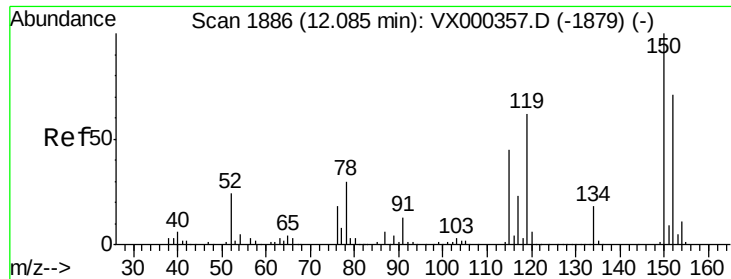


Abundance Ion 116.90 (116.60 to 117.60): VX000387.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000387.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000387.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

CINDER-BLOCK

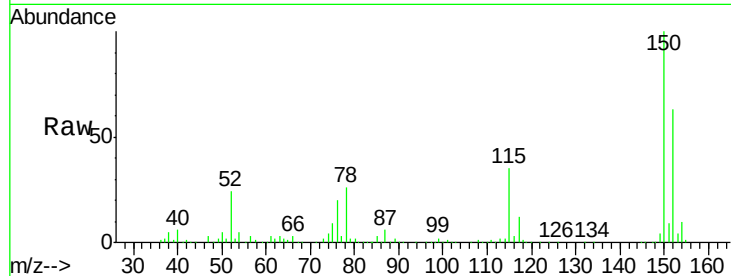
Tgt Ion: 152 Resp: 85250

Ion Ratio Lower Upper

152 100

115 55.2 39.8 119.3

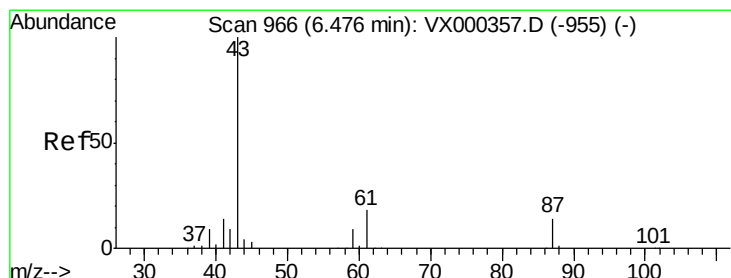
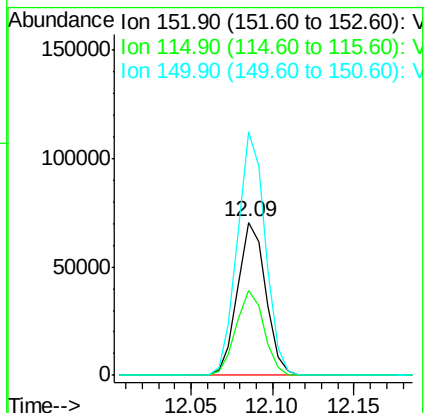
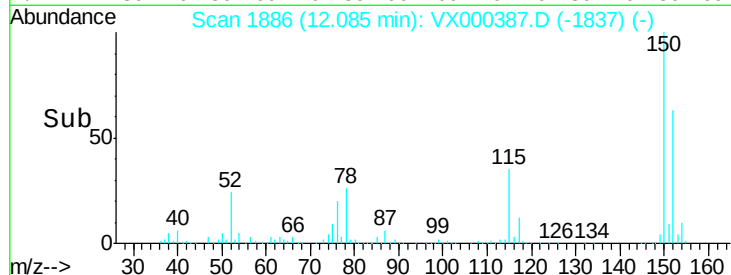
150 157.3 0.0 344.4



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: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

Tgt Ion: 43 Resp: 1050

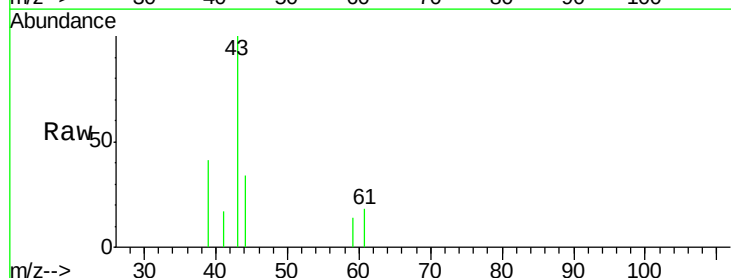
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 3.0 14.4 21.6#

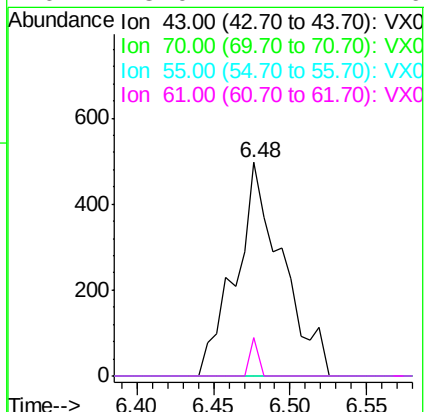
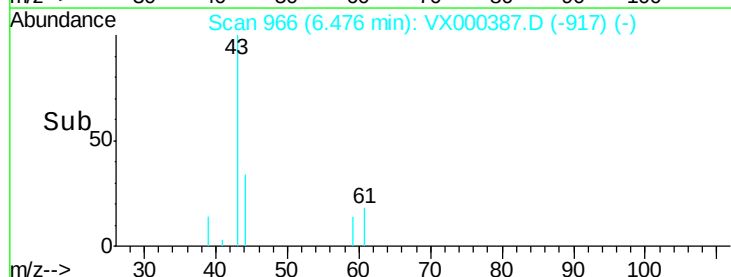


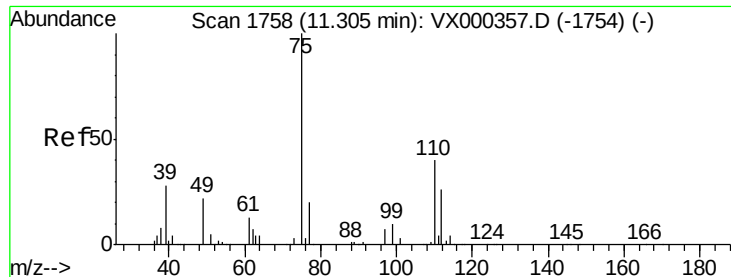
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.91 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

Instrument :

MSVOA_X

ClientSampleId :

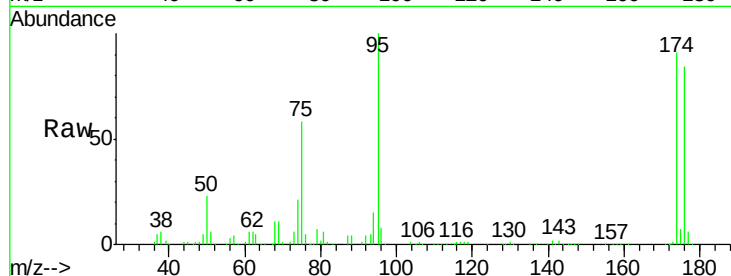
CINDER-BLOCK

Tgt Ion: 75 Resp: 45642

Ion Ratio Lower Upper

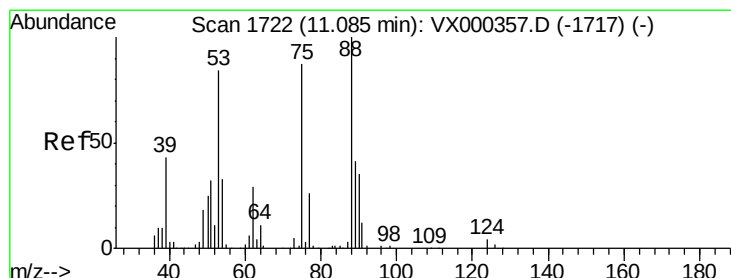
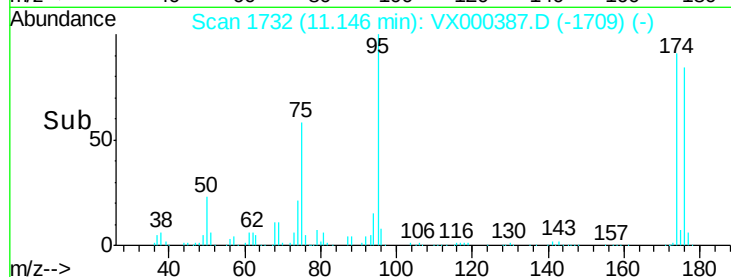
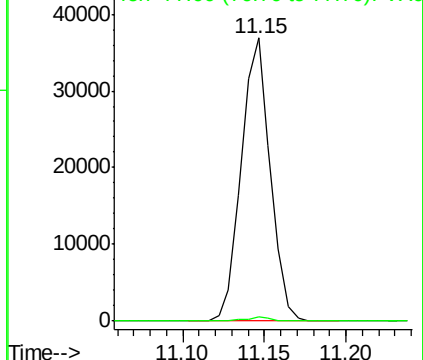
75 100

77 1.4 21.4 64.2#



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: 80.65 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000387.D

Acq: 21 Mar 2018 16:03

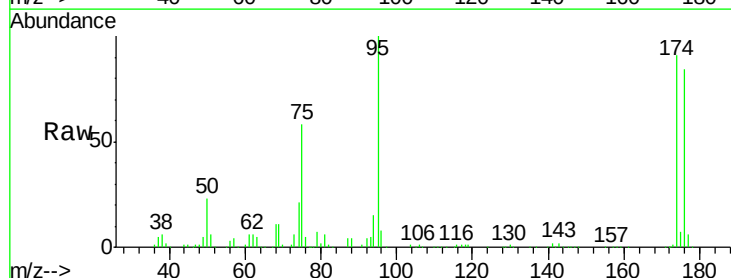
Tgt Ion: 75 Resp: 45642

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

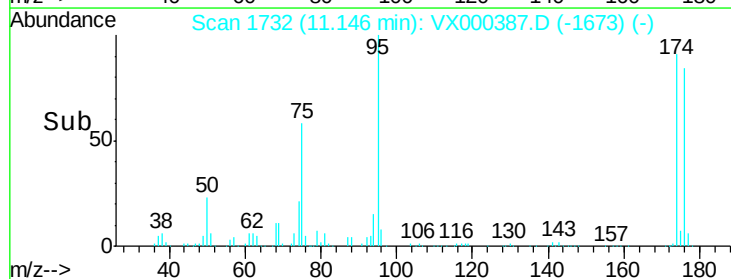
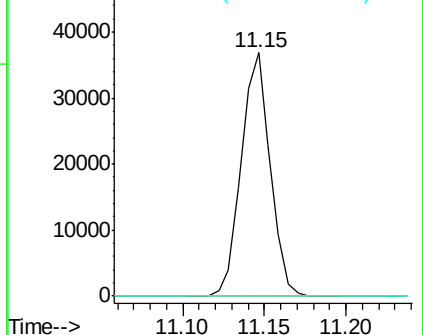
89 0.0 39.4 59.0#

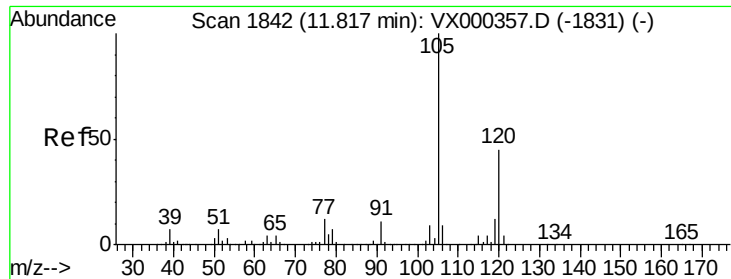


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

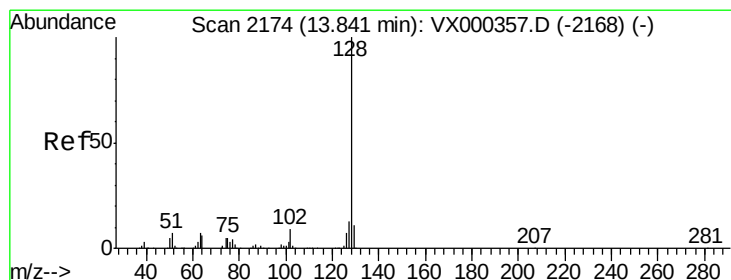
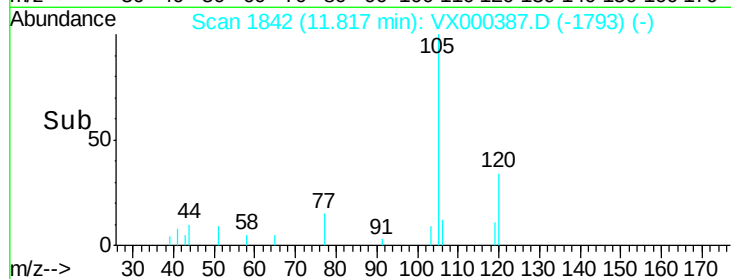
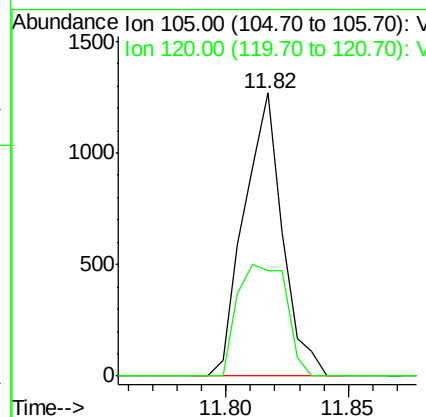
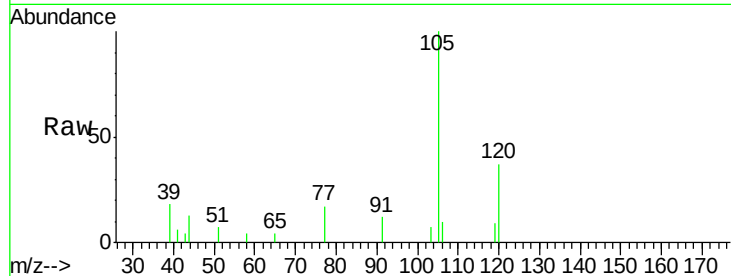




#84
 1,2,4-Trimethylbenzene
 Concen: 0.28 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000387.D
 Acq: 21 Mar 2018 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 CINDER-BLOCK

Tgt Ion:105 Resp: 1384
 Ion Ratio Lower Upper
 105 100
 120 50.1 22.4 67.3



#95
 Naphthalene
 Concen: 1.60 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000387.D
 Acq: 21 Mar 2018 16:03

Tgt Ion:128 Resp: 11134
 Ion Ratio Lower Upper
 128 100
 127 14.6 10.6 15.8
 129 12.7 8.9 13.3

