

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
 Data File : VX000560.D
 Acq On : 30 Mar 2018 14:54
 Operator : JC/MD
 Sample : J2139-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 30 15:20:06 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	96989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	167735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	168621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	87670	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	69805	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
35) Dibromofluoromethane	5.52	113	54405	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.73	98	213954	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.15	95	72992	40.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.52%	

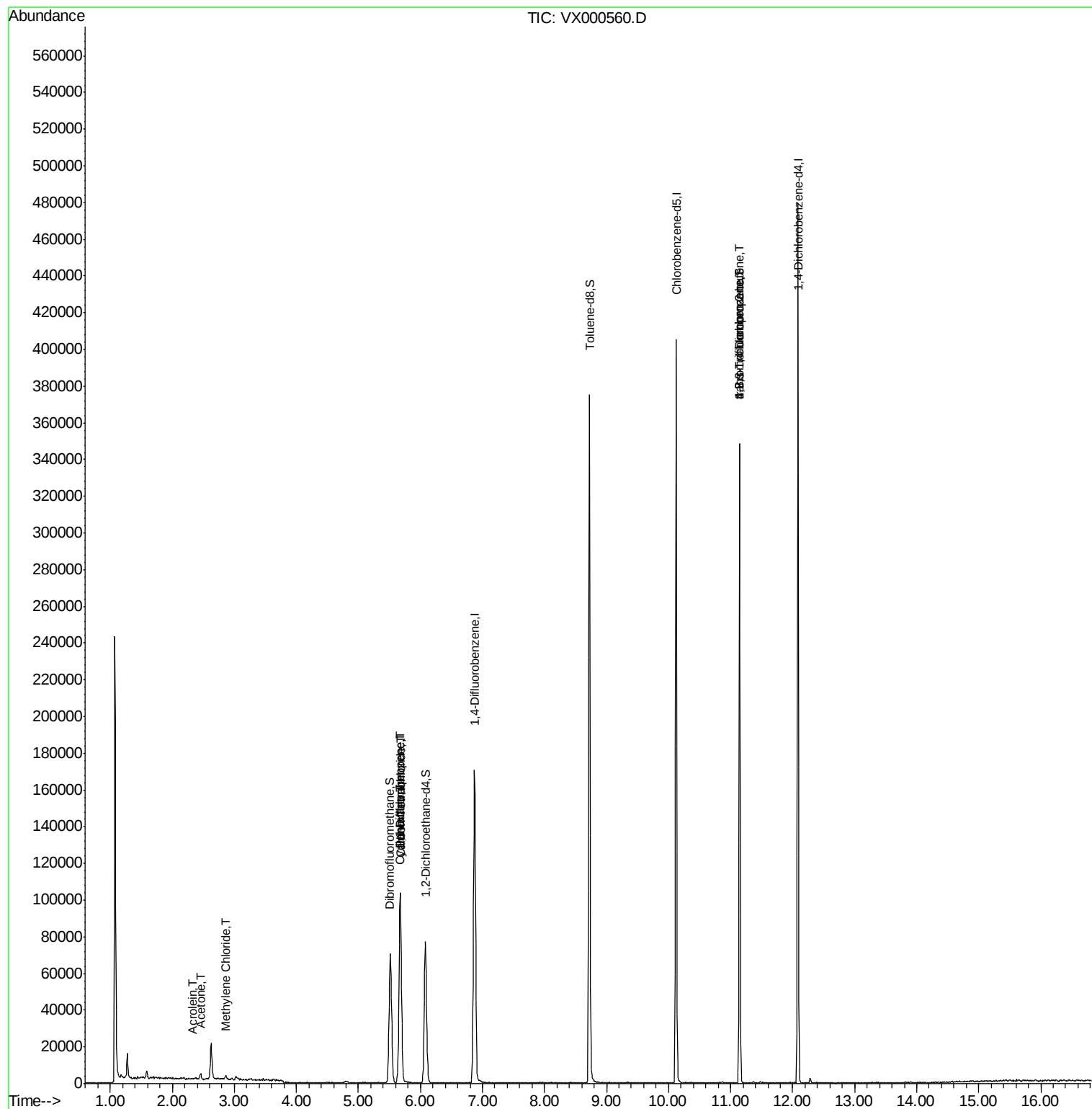
Target Compounds						Qvalue
6) Chloroethane	1.71	64	44	Below Cal	#	44
13) Acrolein	2.33	56	22	14.73	ug/l #	13
16) Acetone	2.45	43	3457	3.28	ug/l #	83
20) Methylene Chloride	2.85	84	735	0.60	ug/l #	90
31) Cyclohexane	5.66	56	2629	1.65	ug/l #	44
36) 1,1-Dichloropropene	5.67	75	7820	4.98	ug/l #	46
38) Carbon Tetrachloride	5.68	117	9558	5.80	ug/l #	14
74) N-amyl acetate	6.53	43	26	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	42893	22.77	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	42893	73.70	ug/l #	9

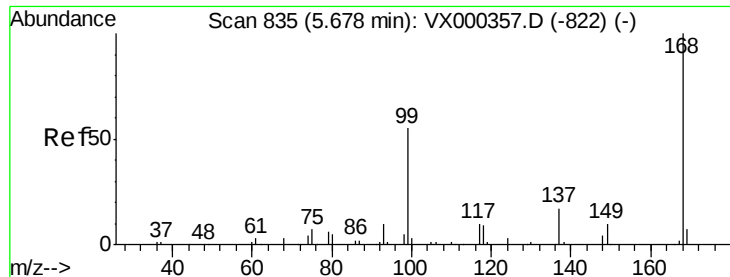
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TRIP-BLANK

Quant Time: Mar 30 15:20:06 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

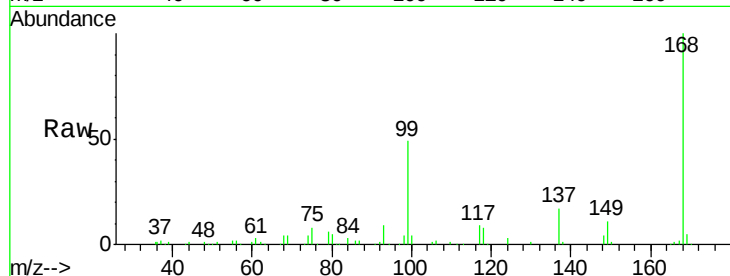
TRIP-BLANK

Tgt Ion:168 Resp: 96989

Ion Ratio Lower Upper

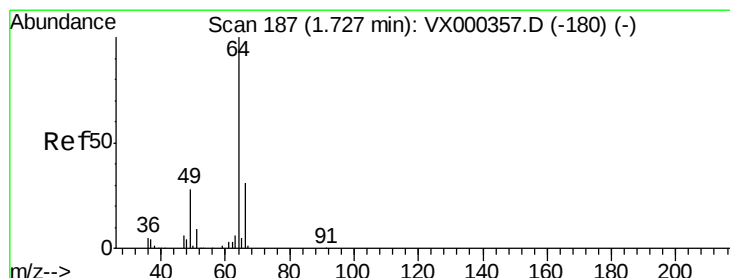
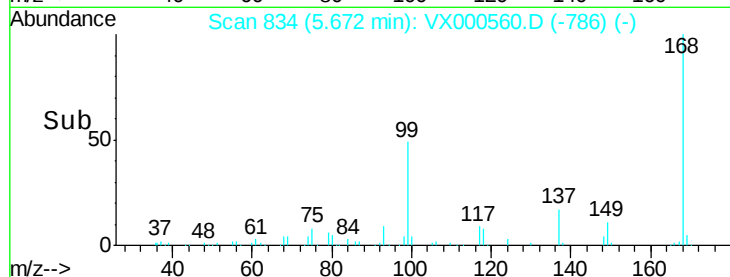
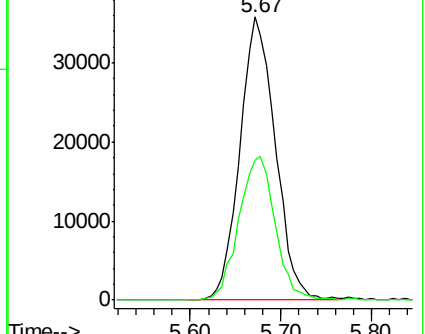
168 100

99 49.3 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: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000560.D

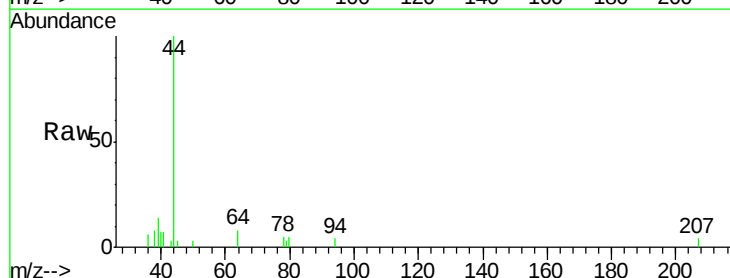
Acq: 30 Mar 2018 14:54

Tgt Ion: 64 Resp: 44

Ion Ratio Lower Upper

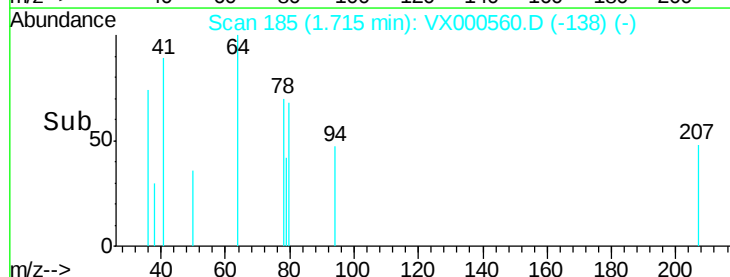
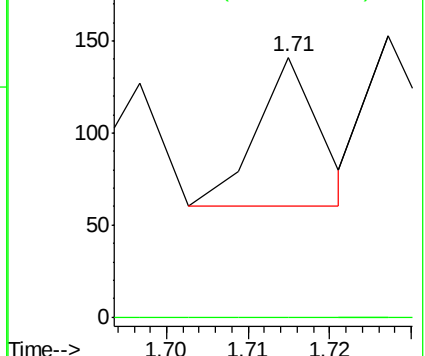
64 100

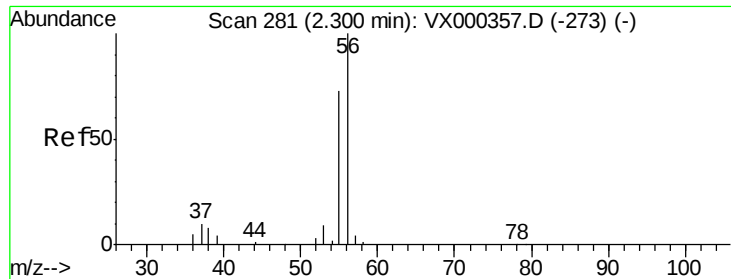
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#13

Acrolein

Concen: 14.73 ug/l

RT: 2.33 min Scan# 286

Delta R.T. 0.03 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

Instrument :

MSVOA_X

ClientSampled :

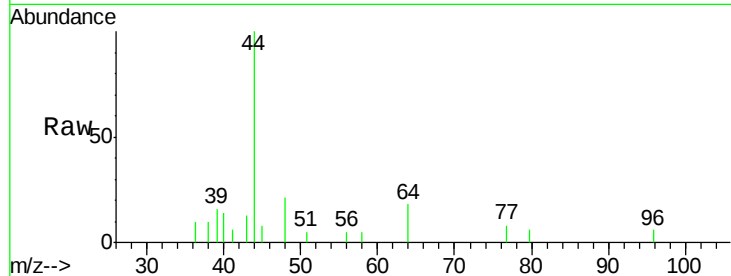
TRIP-BLANK

Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

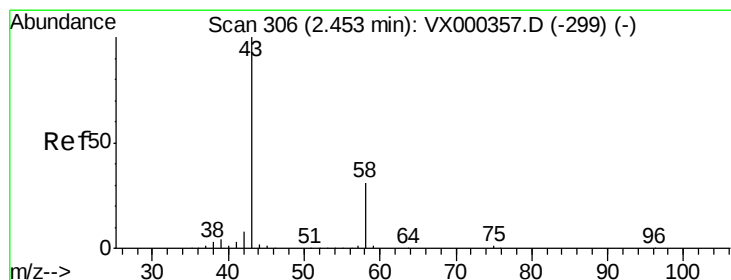
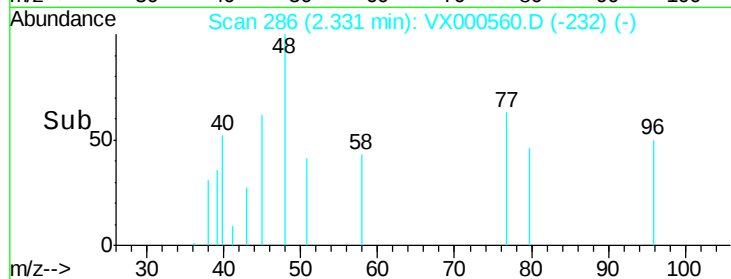
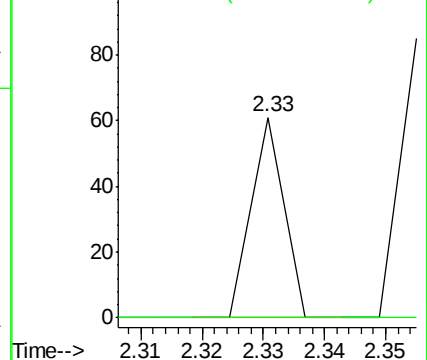
56 100

55 0.0 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: 3.28 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000560.D

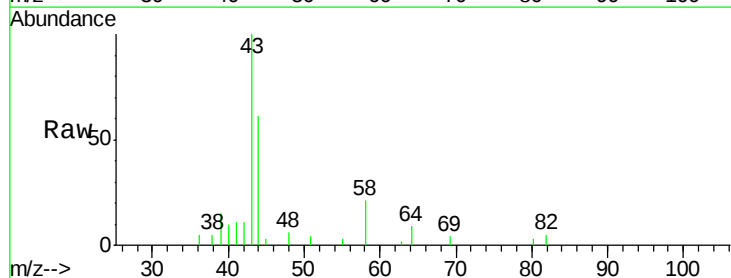
Acq: 30 Mar 2018 14:54

Tgt Ion: 43 Resp: 3457

Ion Ratio Lower Upper

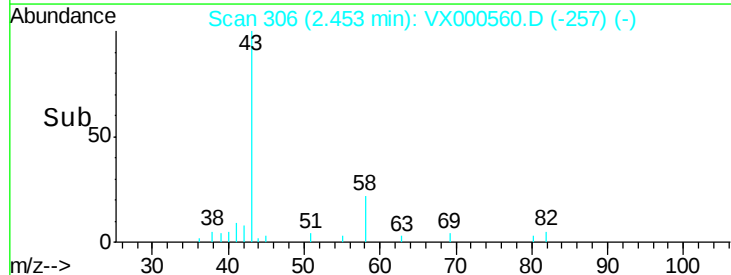
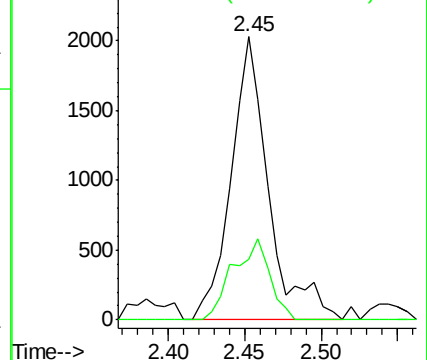
43 100

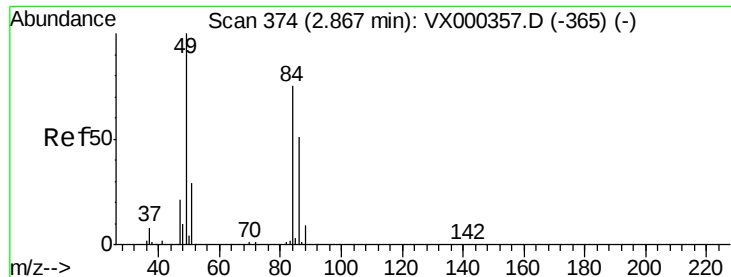
58 21.5 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

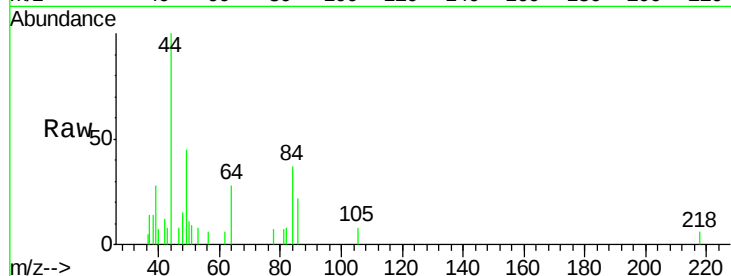




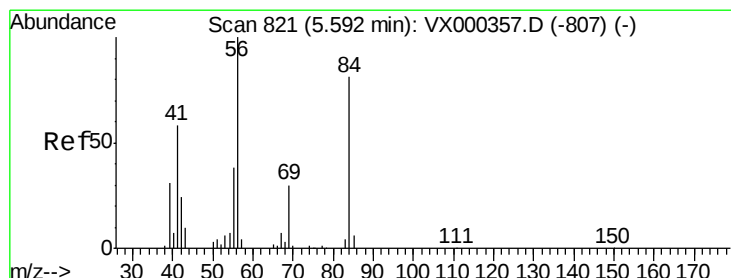
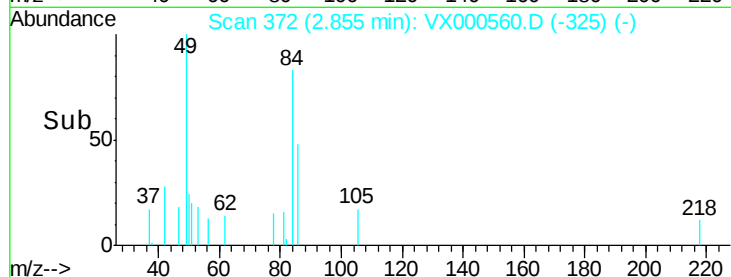
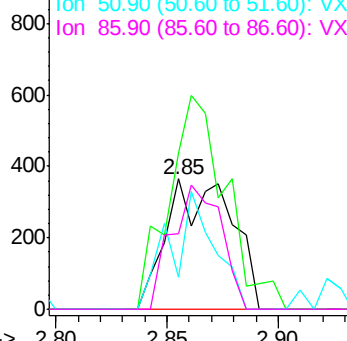
#20
Methylene Chloride
Concen: 0.60 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX000560.D
Acq: 30 Mar 2018 14:54

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 84 Resp: 735
Ion Ratio Lower Upper
84 100
49 120.0 100.6 151.0
51 24.1 31.6 47.4#
86 58.1 52.6 78.8

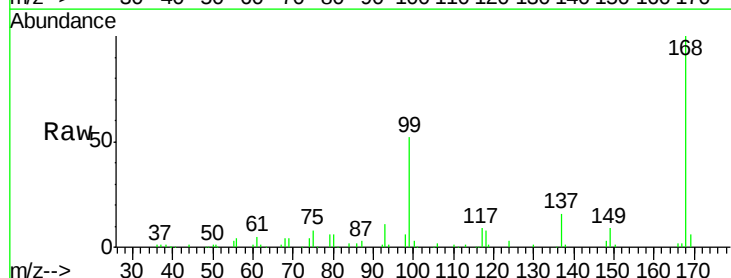


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

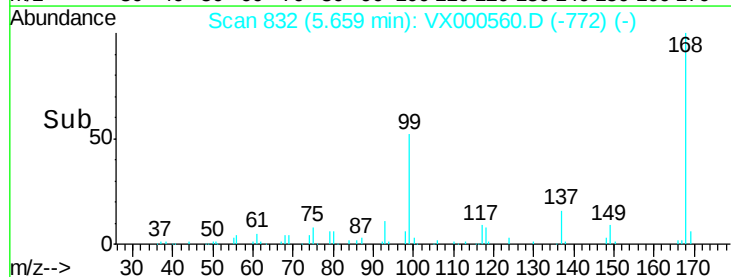
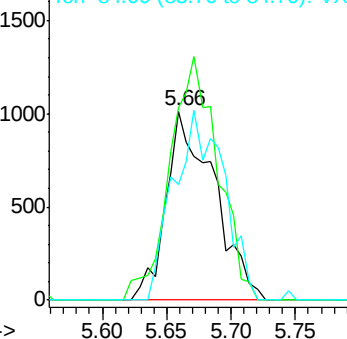


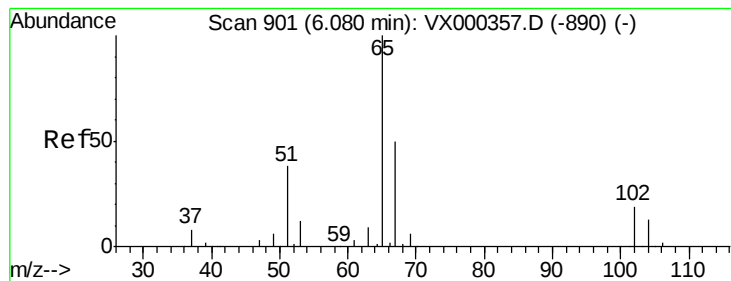
#31
Cyclohexane
Concen: 1.65 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.07 min
Lab File: VX000560.D
Acq: 30 Mar 2018 14:54

Tgt Ion: 56 Resp: 2629
Ion Ratio Lower Upper
56 100
69 102.1 23.4 35.0#
84 61.1 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: 55.14 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

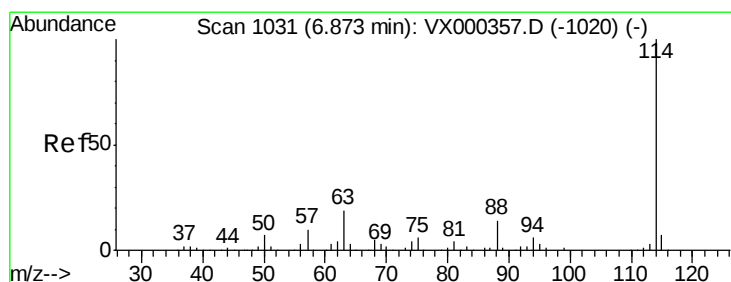
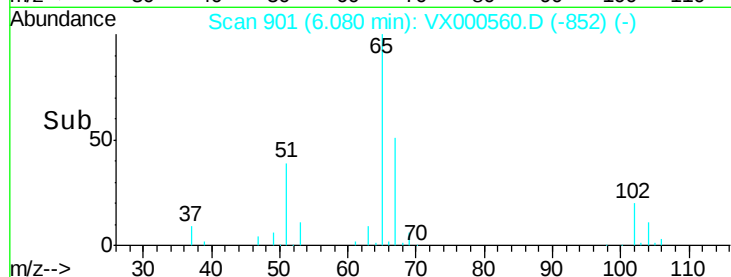
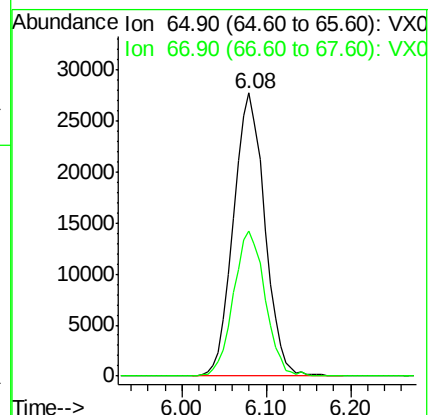
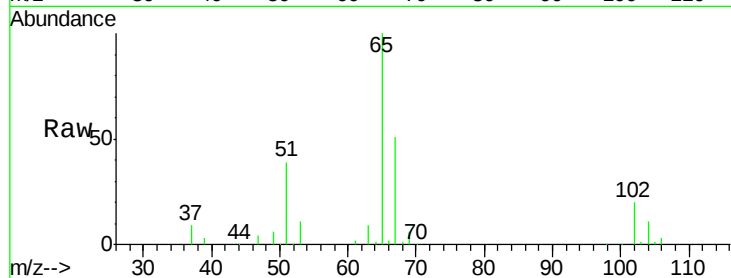
TRIP-BLANK

Tgt Ion: 65 Resp: 69805

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

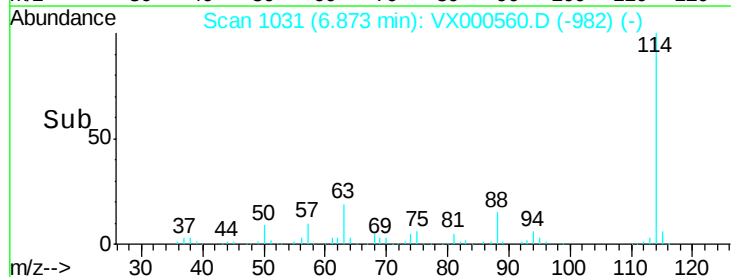
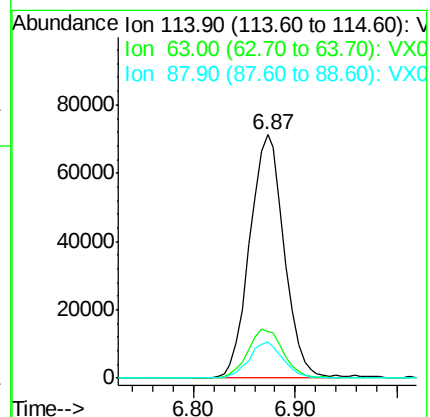
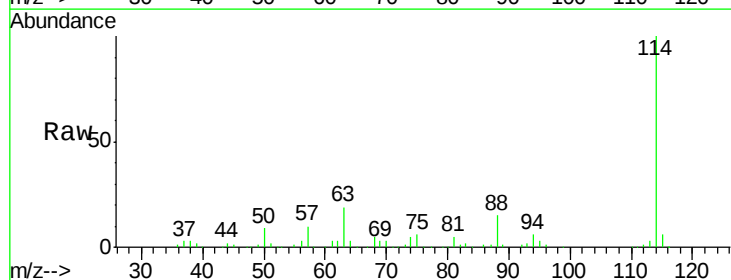
Tgt Ion: 114 Resp: 167735

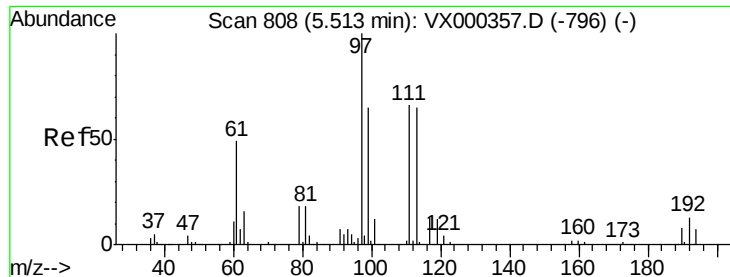
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.1 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.48 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

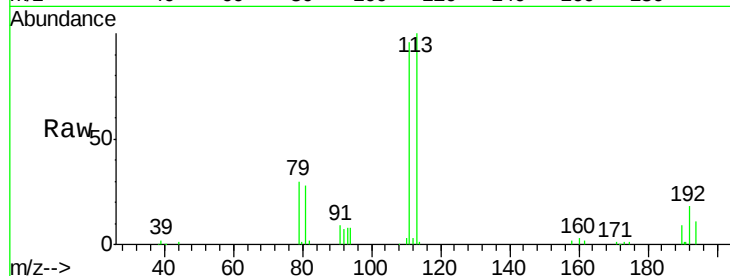
Tgt Ion:113 Resp: 54405

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

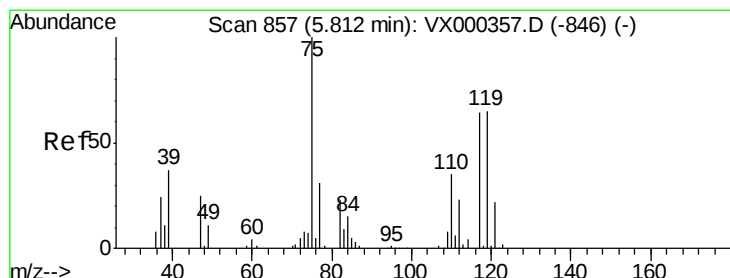
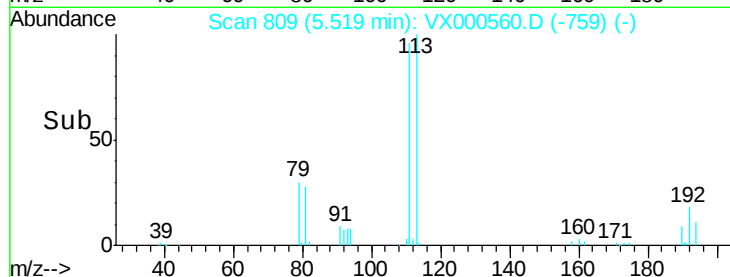
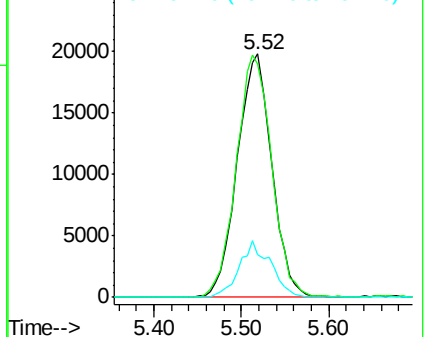
192 21.1 15.8 23.6



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: 4.98 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

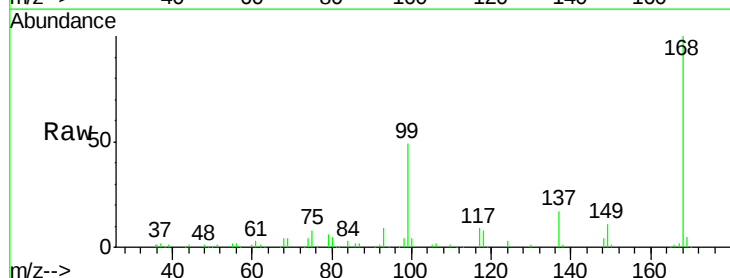
Tgt Ion: 75 Resp: 7820

Ion Ratio Lower Upper

75 100

110 4.6 17.9 53.7#

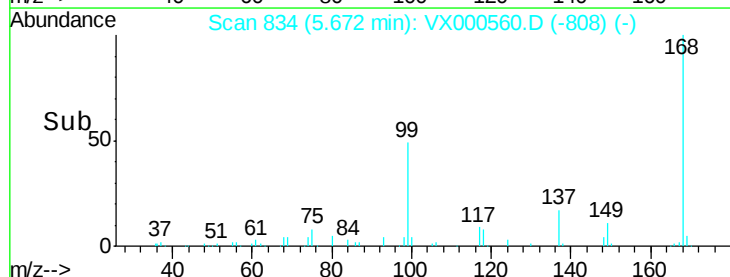
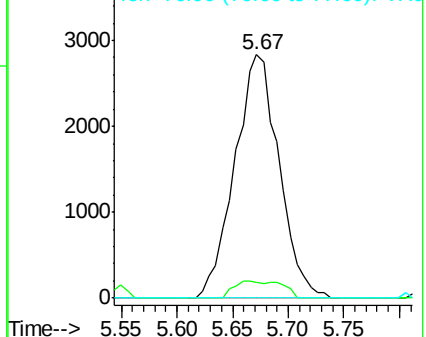
77 0.0 24.0 36.0#

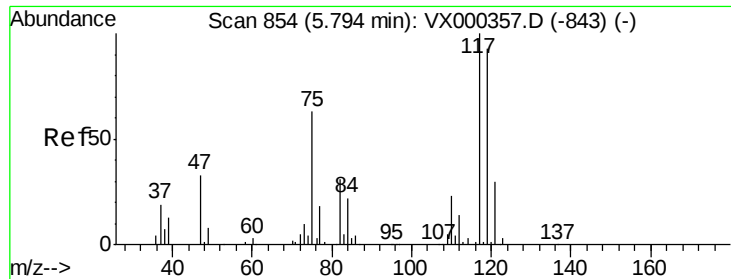


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.80 ug/l

RT: 5.68 min Scan# 836

Delta R.T. -0.11 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

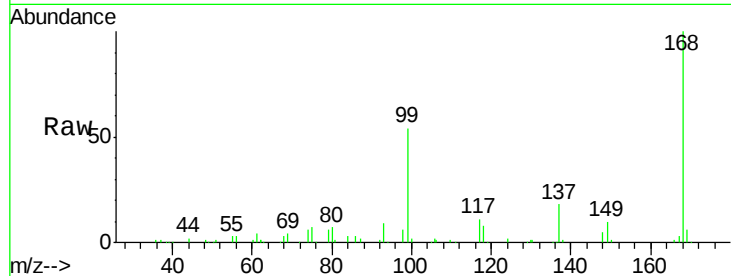
Tgt Ion:117 Resp: 9558

Ion Ratio Lower Upper

117 100

119 3.0 77.4 116.2#

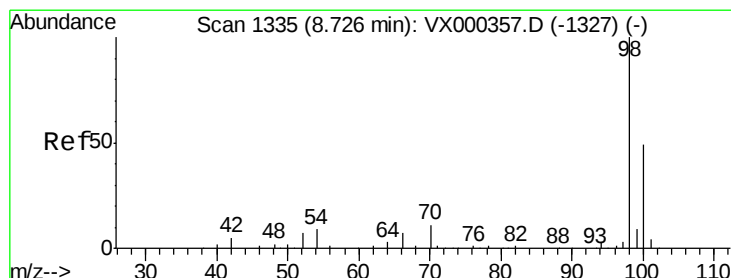
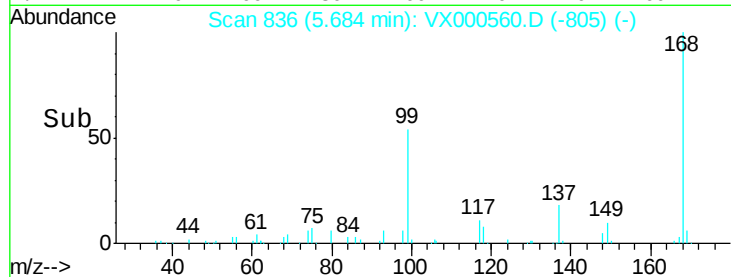
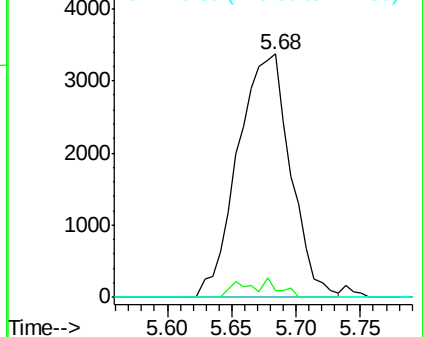
121 0.0 24.8 37.2#



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



#50

Toluene-d8

Concen: 48.88 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000560.D

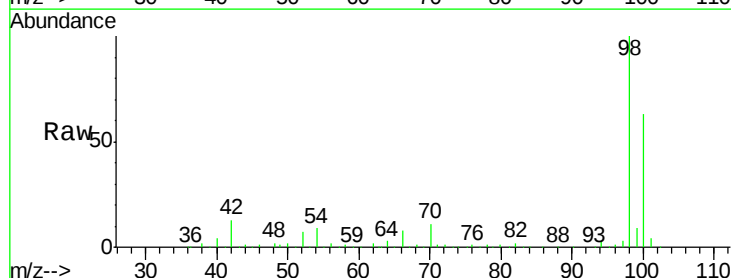
Acq: 30 Mar 2018 14:54

Tgt Ion: 98 Resp: 213954

Ion Ratio Lower Upper

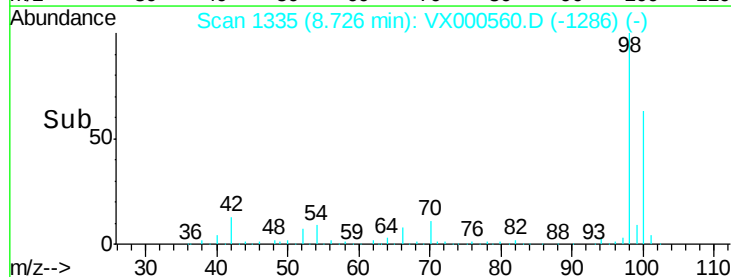
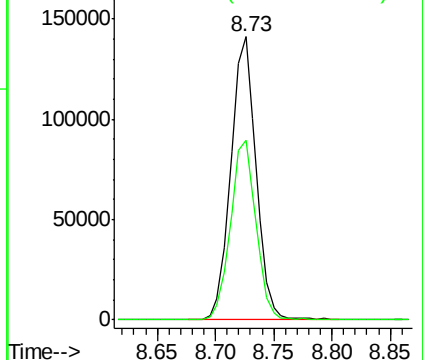
98 100

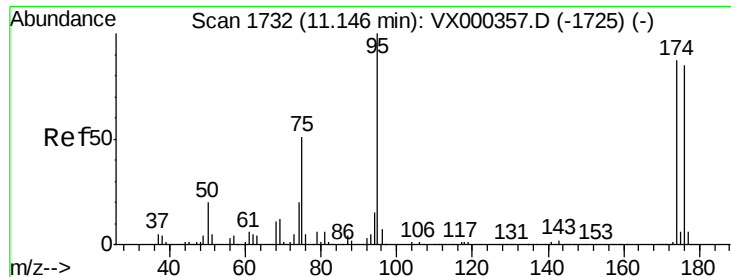
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 40.76 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

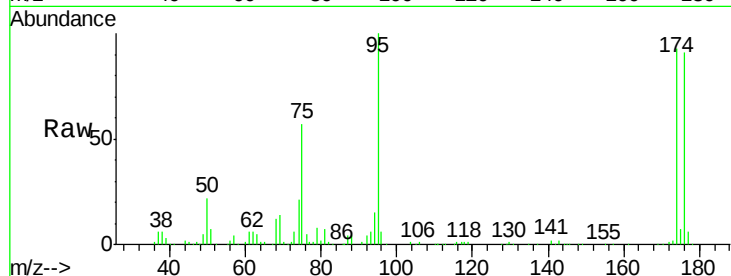
Tgt Ion: 95 Resp: 72992

Ion Ratio Lower Upper

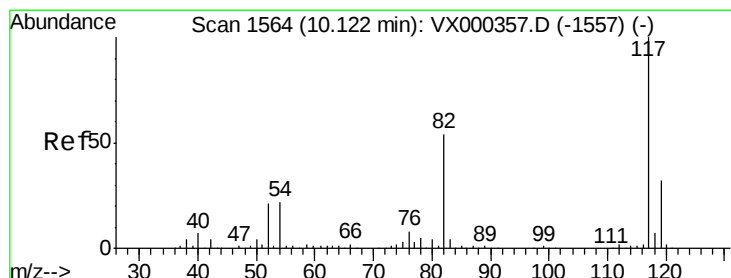
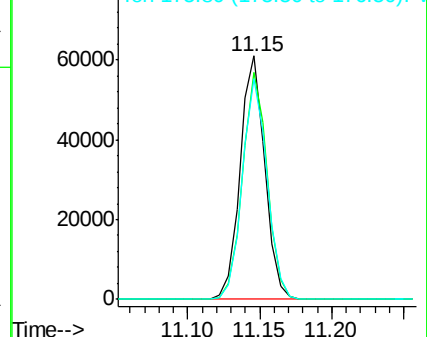
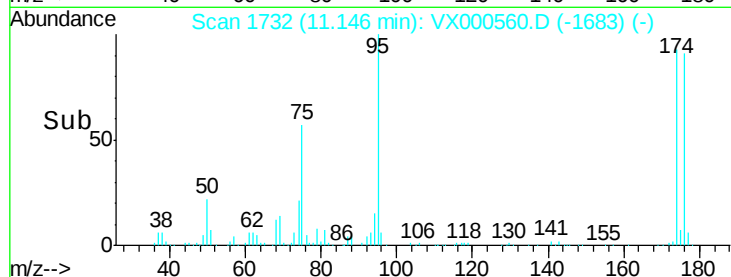
95 100

174 92.4 0.0 173.6

176 90.9 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000560.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

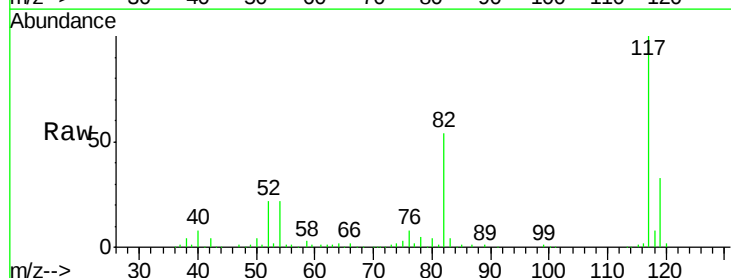
Tgt Ion: 117 Resp: 168621

Ion Ratio Lower Upper

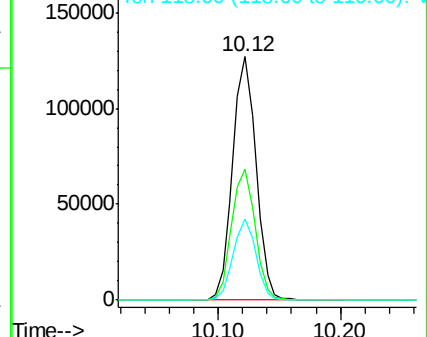
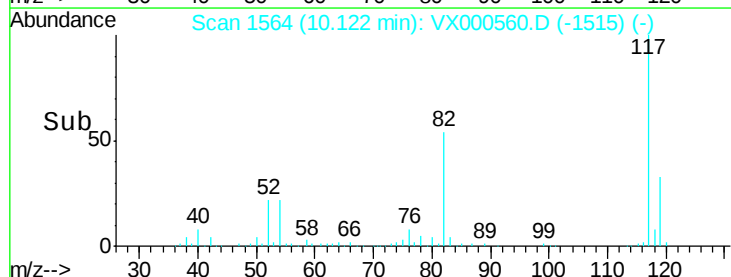
117 100

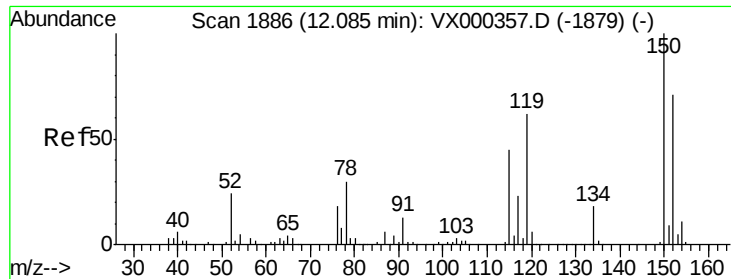
82 53.6 43.8 65.8

119 33.1 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): VX000560.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: VX000560.D

Acq: 30 Mar 2018 14:54

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

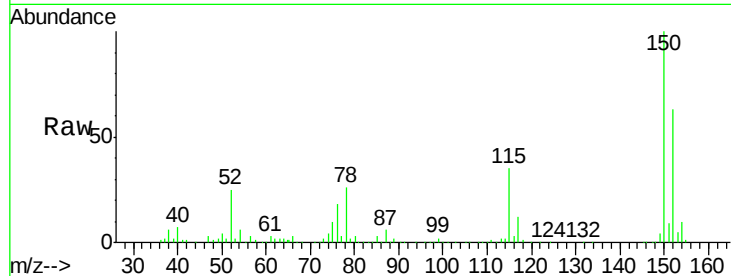
Tgt Ion:152 Resp: 87670

Ion Ratio Lower Upper

152 100

115 55.5 39.8 119.3

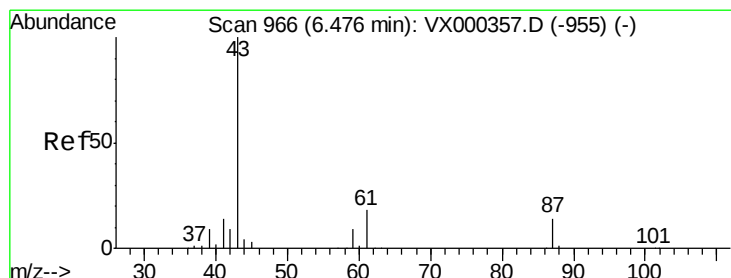
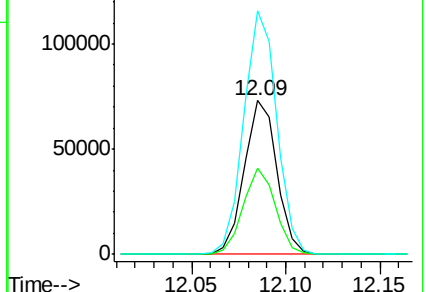
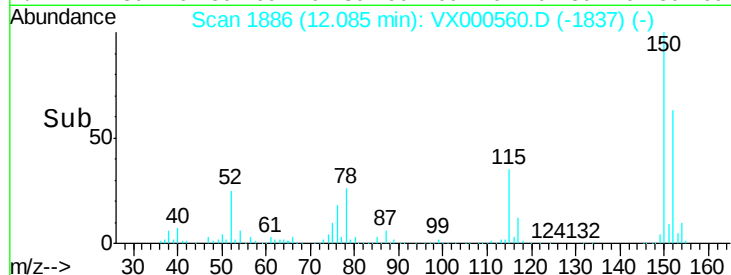
150 160.3 0.0 344.4



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: 6.53 min Scan# 975

Delta R.T. 0.06 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

Tgt Ion: 43 Resp: 26

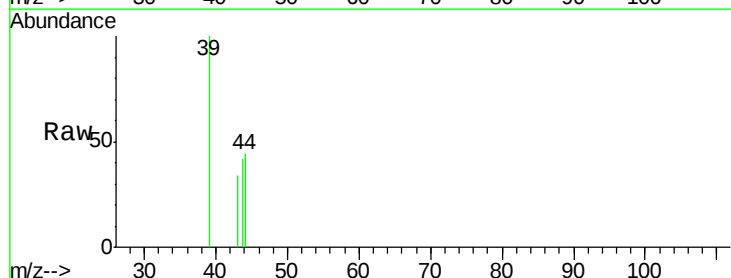
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

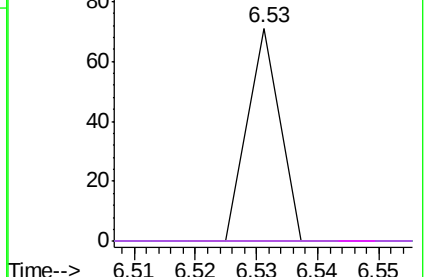
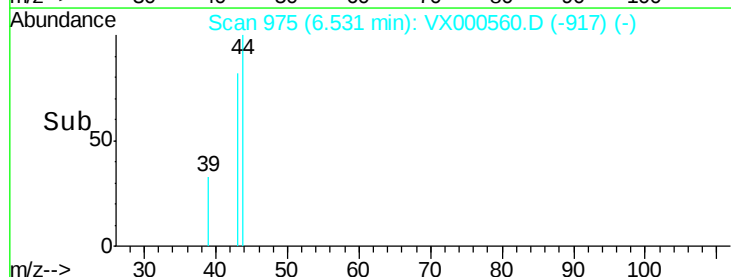


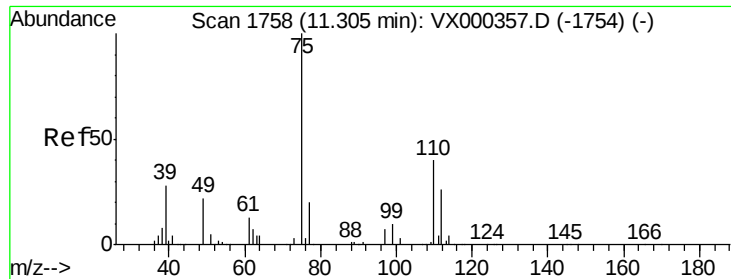
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.77 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

Instrument :

MSVOA_X

ClientSampleId :

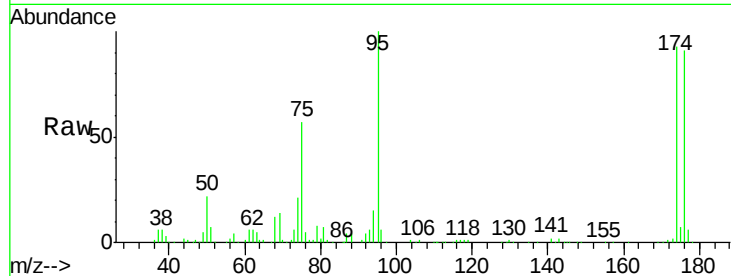
TRIP-BLANK

Tgt Ion: 75 Resp: 42893

Ion Ratio Lower Upper

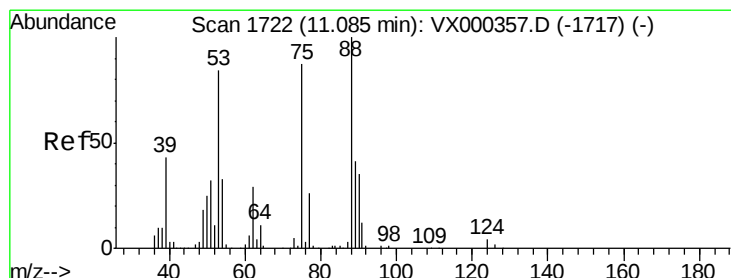
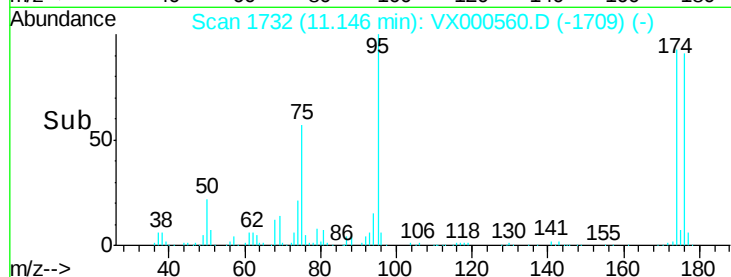
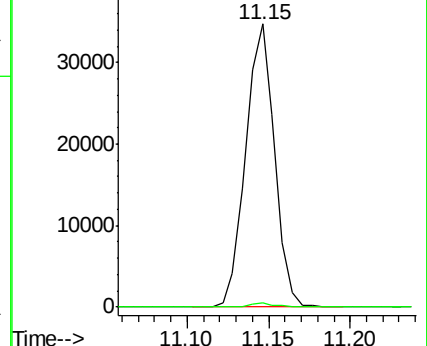
75 100

77 1.2 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: 73.70 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000560.D

Acq: 30 Mar 2018 14:54

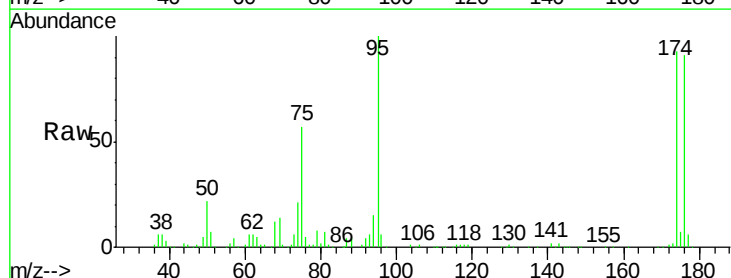
Tgt Ion: 75 Resp: 42893

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

