

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032118\
 Data File : VX000392.D
 Acq On : 21 Mar 2018 18:09
 Operator : JC/MD
 Sample : J1962-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Quant Time: Mar 22 05:30:48 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	95072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	165471	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	157422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	77660	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	67975	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	5.51	113	52491	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	8.73	98	209083	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.15	95	70731	40.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.30%	

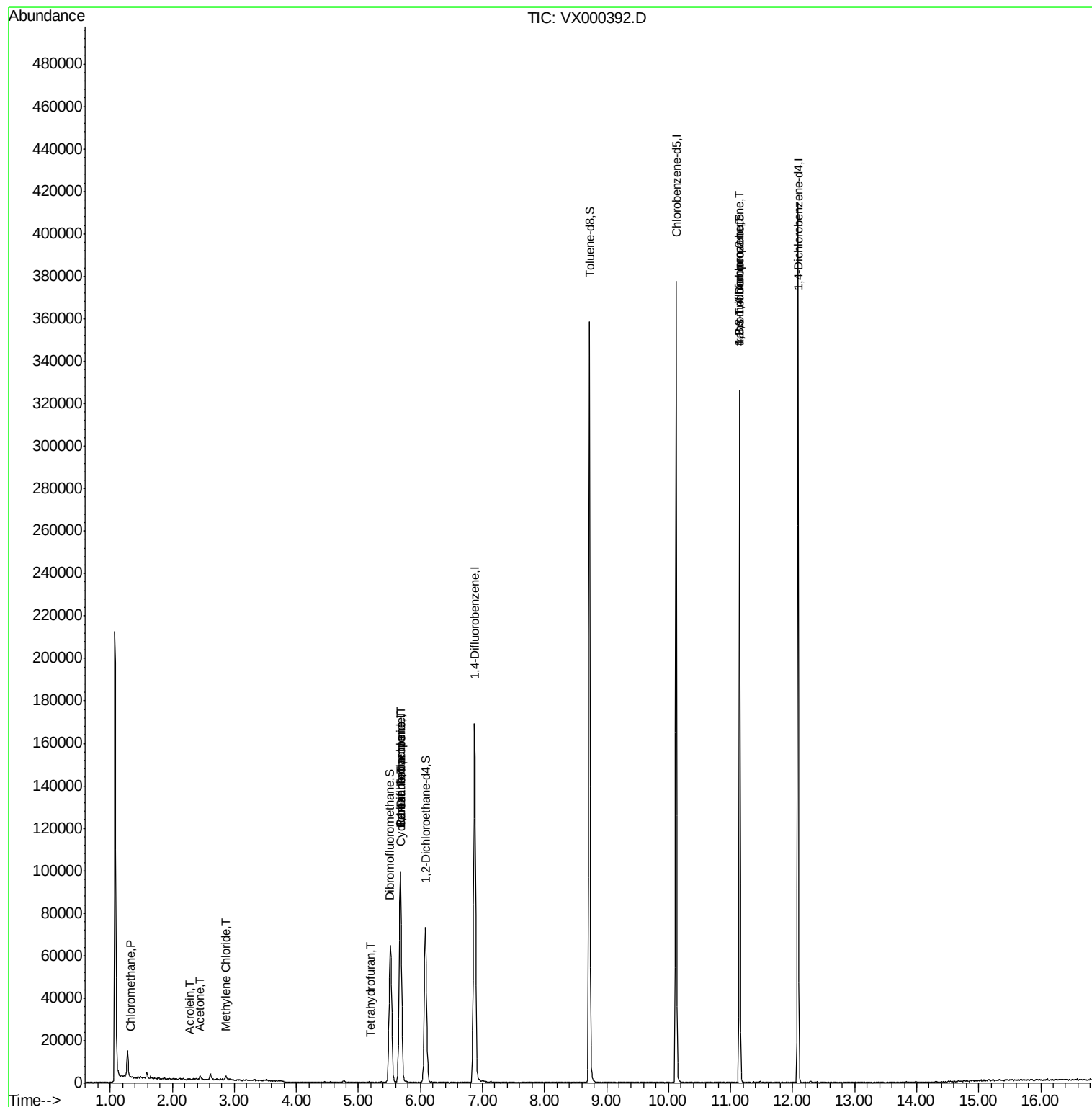
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	301	0.27	ug/l #	81
6) Chloroethane	1.74	64	92	Below Cal	#	44
13) Acrolein	2.28	56	36	14.83	ug/l #	55
16) Acetone	2.45	43	2297	2.22	ug/l #	83
20) Methylene Chloride	2.87	84	573	0.48	ug/l #	75
29) Tetrahydrofuran	5.19	42	188	0.26	ug/l #	70
31) Cyclohexane	5.69	56	2334	1.49	ug/l #	64
36) 1,1-Dichloropropene	5.67	75	7787	5.02	ug/l #	49
38) Carbon Tetrachloride	5.67	117	9582	5.89	ug/l #	14
76) 1,2,3-Trichloropropane	11.15	75	40424	24.22	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	40424	78.42	ug/l #	9

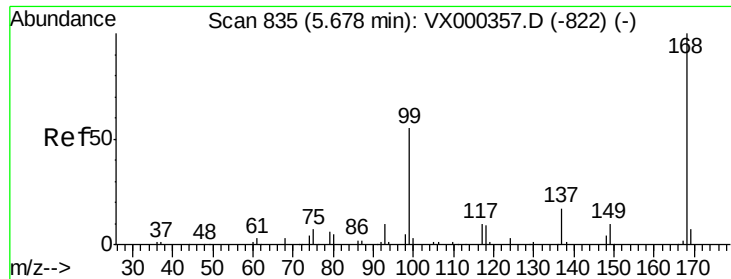
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

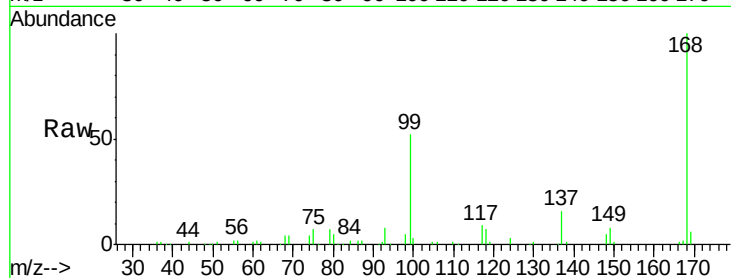
STORAGEBLANK-SAMPLEMANAG

Tgt Ion:168 Resp: 95072

Ion Ratio Lower Upper

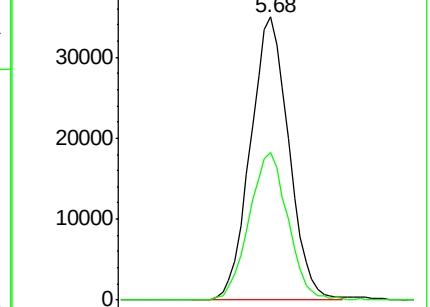
168 100

99 52.0 45.8 68.6

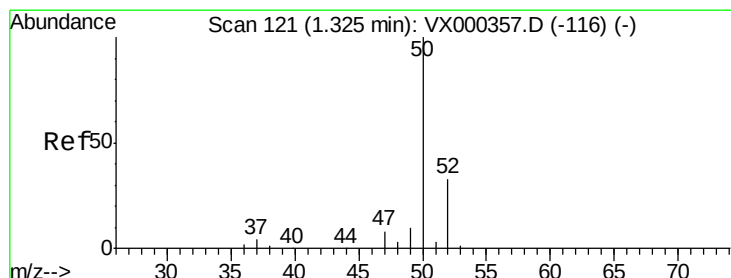
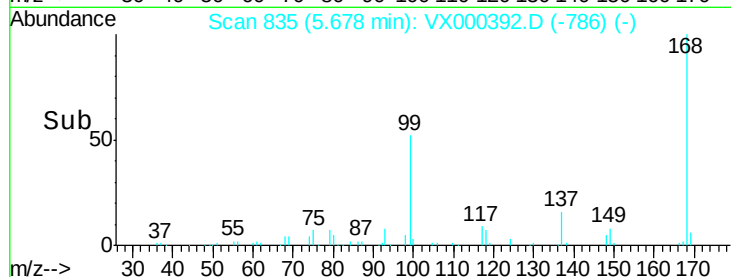


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#3

Chloromethane

Concen: 0.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000392.D

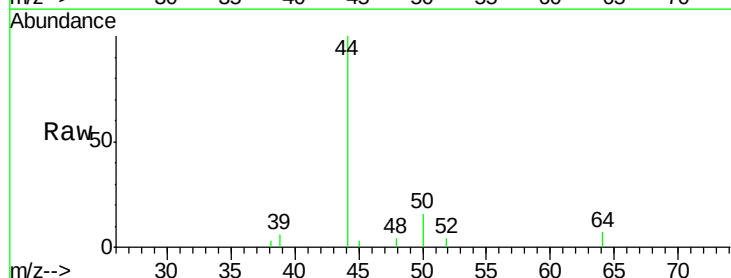
Acq: 21 Mar 2018 18:09

Tgt Ion: 50 Resp: 301

Ion Ratio Lower Upper

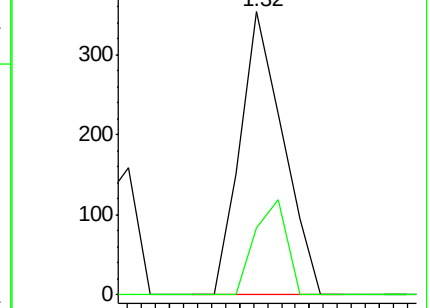
50 100

52 23.5 27.5 41.3#

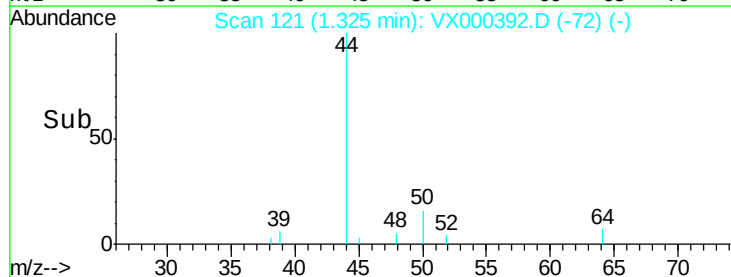


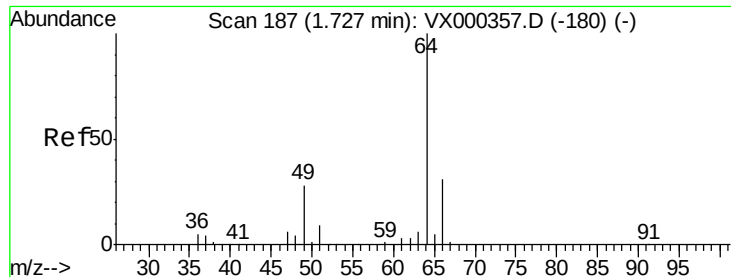
Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

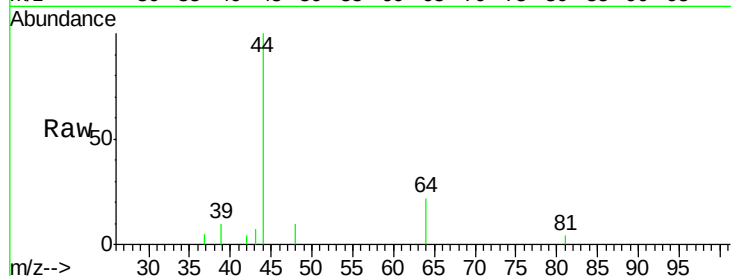
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 64 Resp: 92

Ion Ratio Lower Upper

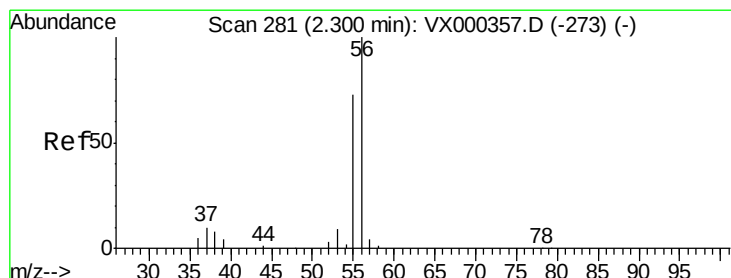
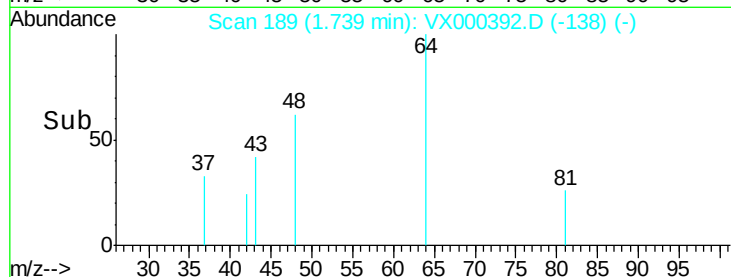
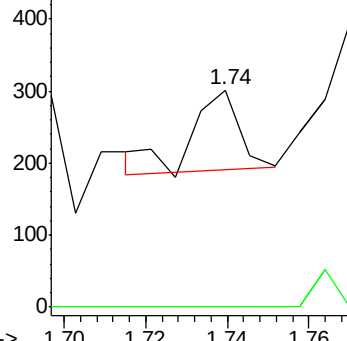
64 100

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: 14.83 ug/l

RT: 2.28 min Scan# 277

Delta R.T. -0.02 min

Lab File: VX000392.D

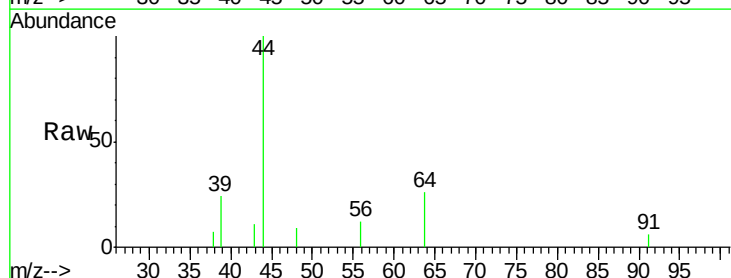
Acq: 21 Mar 2018 18:09

Tgt Ion: 56 Resp: 36

Ion Ratio Lower Upper

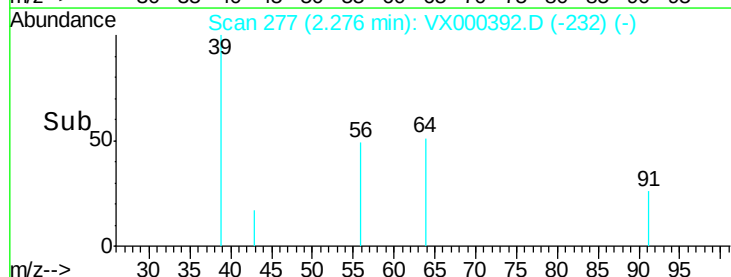
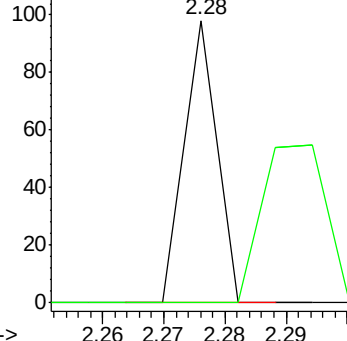
56 100

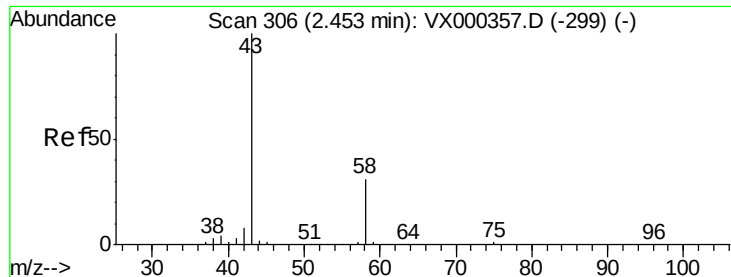
55 111.1 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 2.22 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

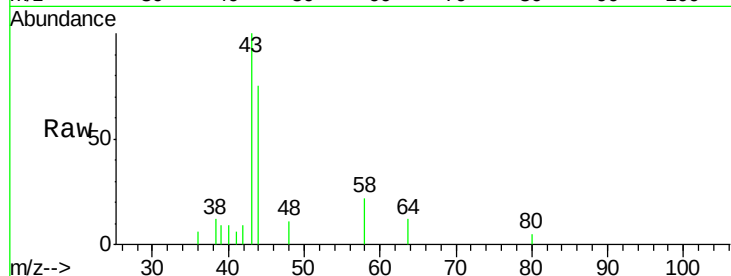
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 43 Resp: 2297

Ion Ratio Lower Upper

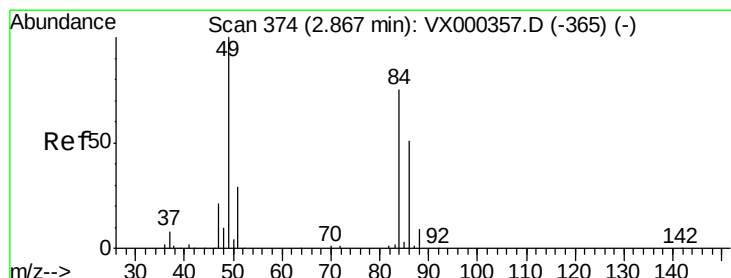
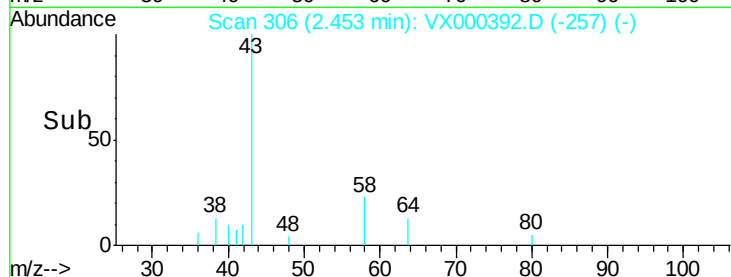
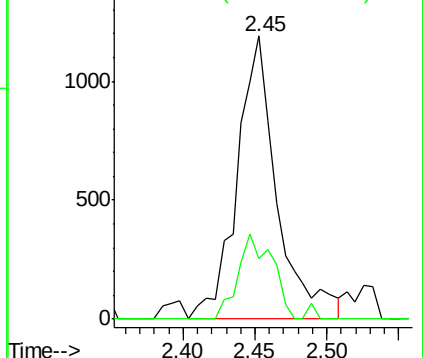
43 100

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: 0.48 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Tgt Ion: 84 Resp: 573

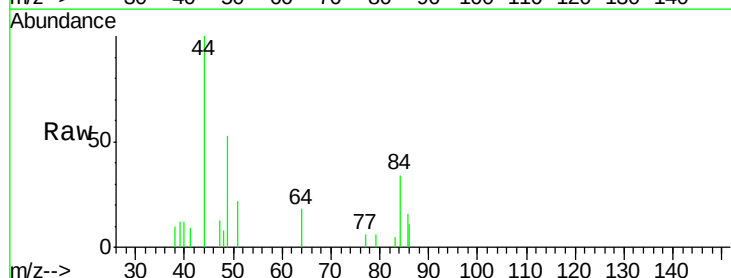
Ion Ratio Lower Upper

84 100

49 155.5 100.6 151.0#

51 63.6 31.6 47.4#

86 77.6 52.6 78.8

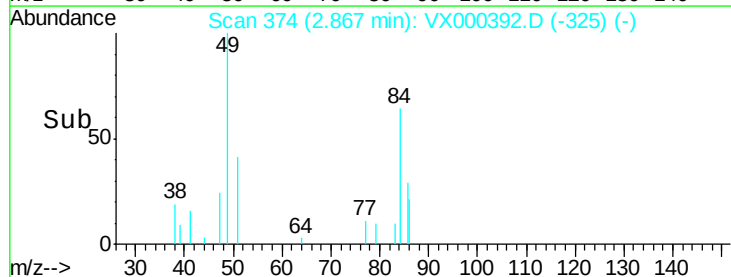
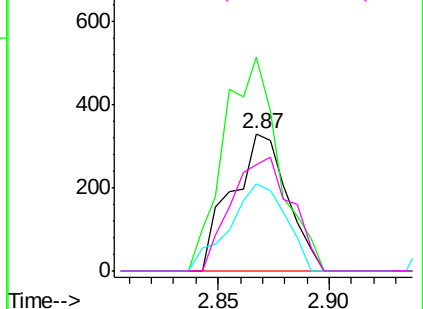


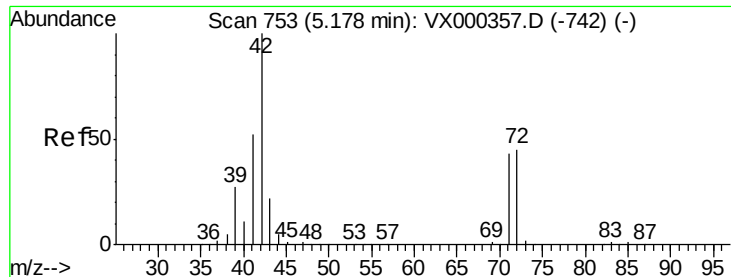
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE\BLANK-SAMPLE\MANAG

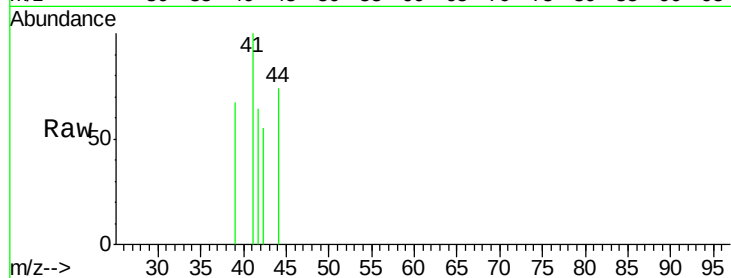
Tgt Ion: 42 Resp: 188

Ion Ratio Lower Upper

42 100

72 13.8 37.9 56.9#

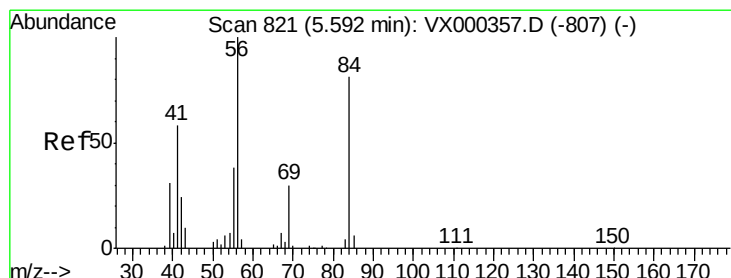
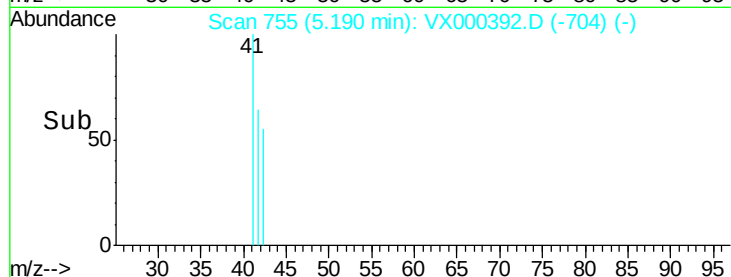
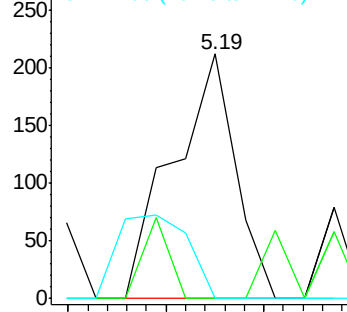
71 38.3 34.4 51.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.49 ug/l

RT: 5.69 min Scan# 837

Delta R.T. 0.10 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

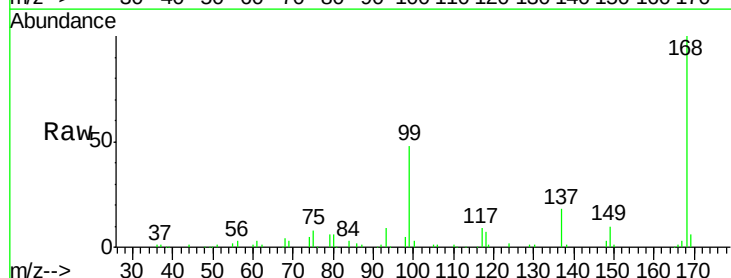
Tgt Ion: 56 Resp: 2334

Ion Ratio Lower Upper

56 100

69 99.4 23.4 35.0#

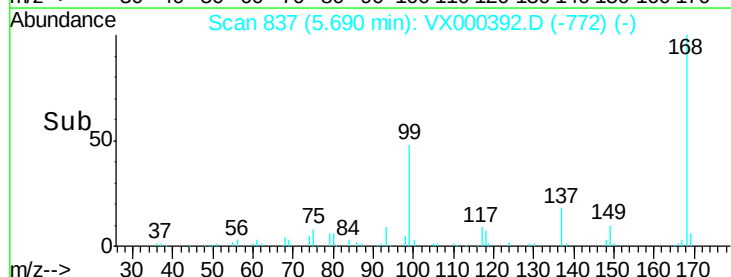
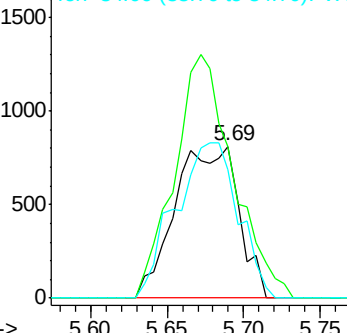
84 84.7 71.0 106.4

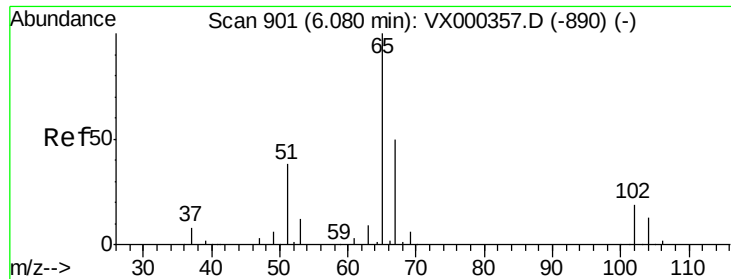


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.77 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

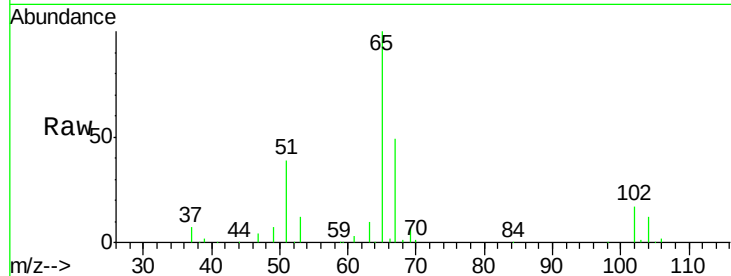
STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 65 Resp: 67975

Ion Ratio Lower Upper

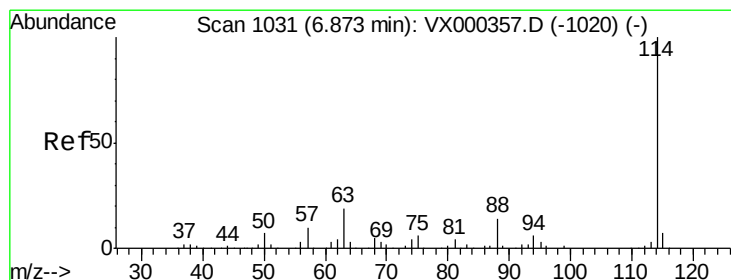
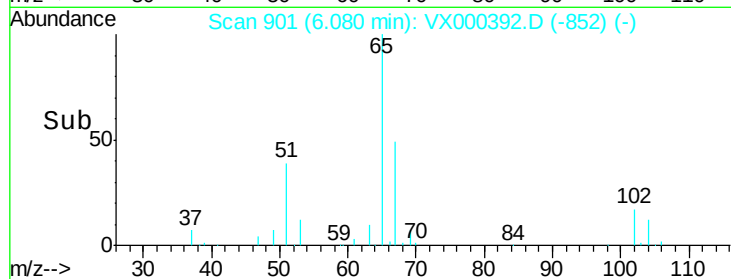
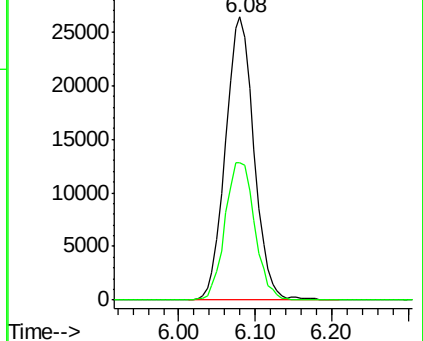
65 100

67 50.8 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: VX000392.D

Acq: 21 Mar 2018 18:09

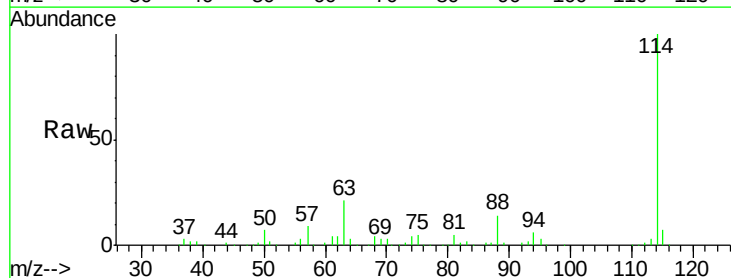
Tgt Ion: 114 Resp: 165471

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.4

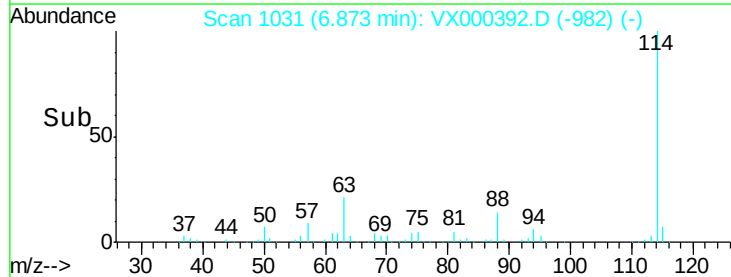
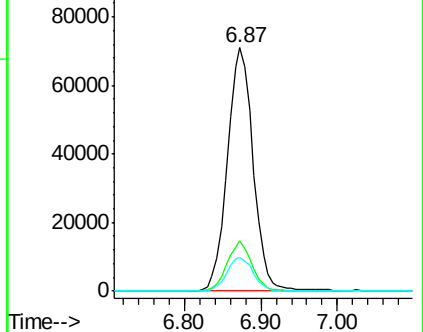
88 13.6 0.0 27.0

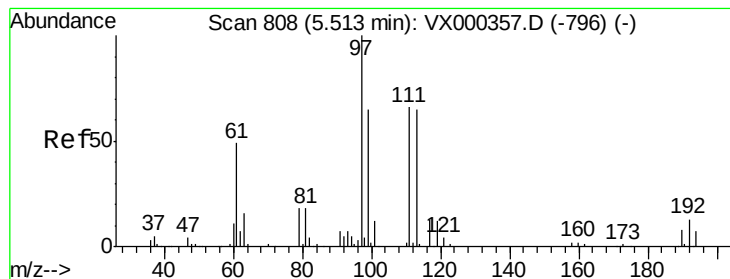


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.35 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

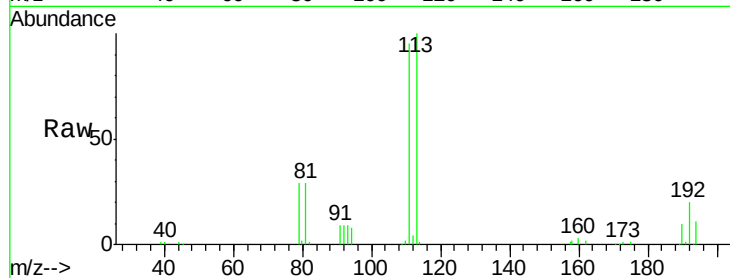
Tgt Ion:113 Resp: 52491

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

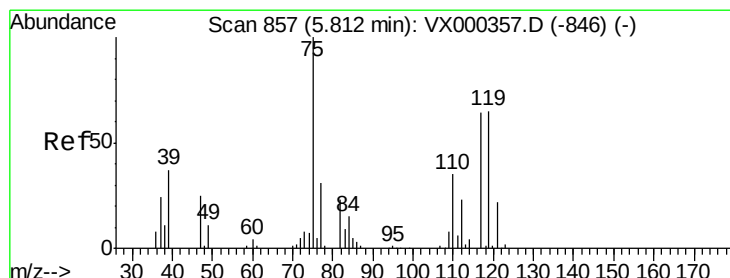
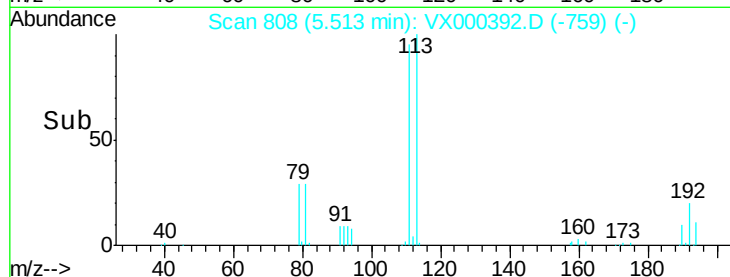
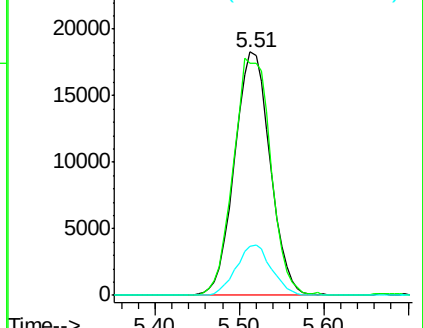
192 20.3 15.8 23.6



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: 5.02 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

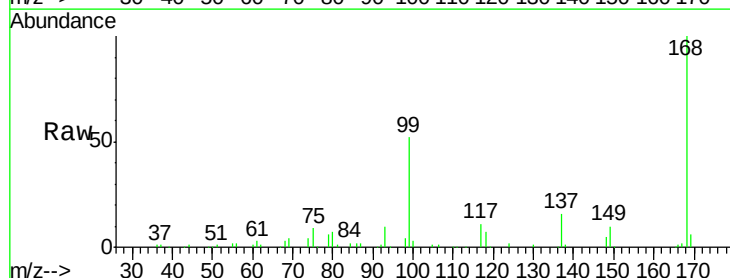
Tgt Ion: 75 Resp: 7787

Ion Ratio Lower Upper

75 100

110 8.2 17.9 53.7#

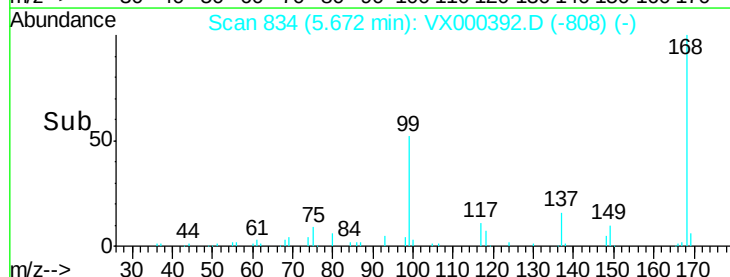
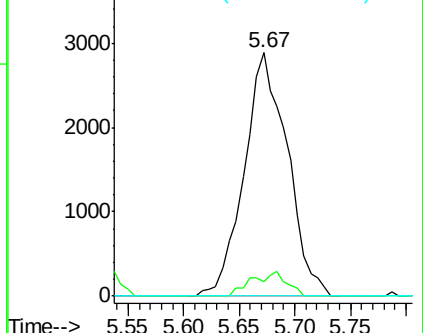
77 0.0 24.0 36.0#

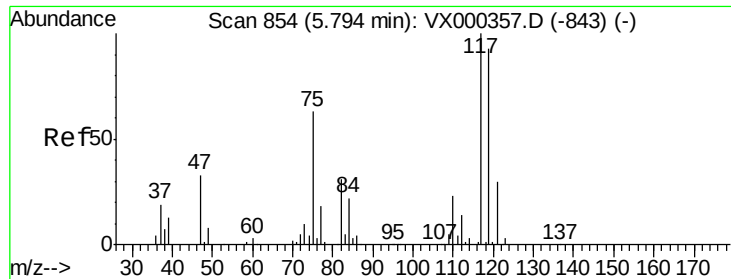


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.89 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

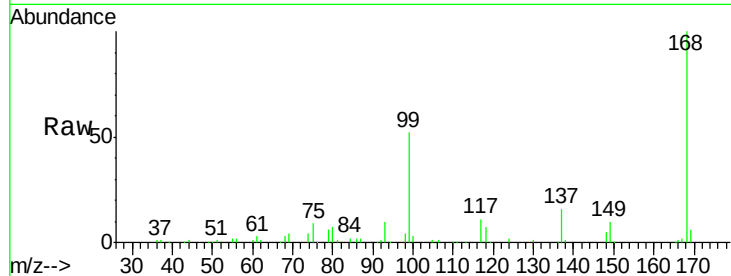
Tgt Ion:117 Resp: 9582

Ion Ratio Lower Upper

117 100

119 3.0 77.4 116.2#

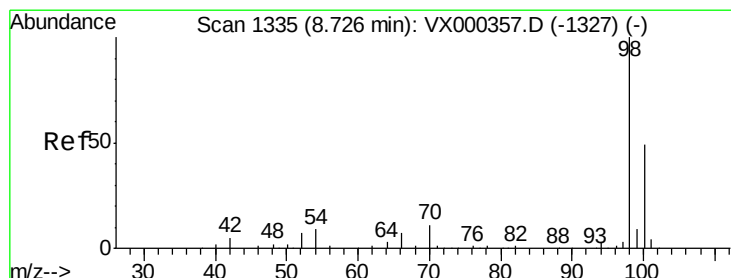
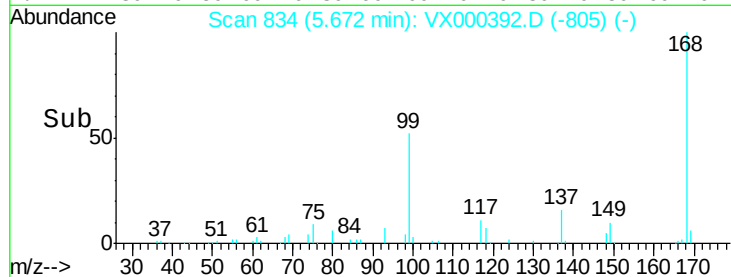
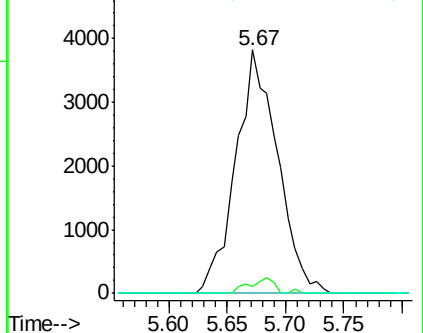
121 0.0 24.8 37.2#



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: 48.42 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000392.D

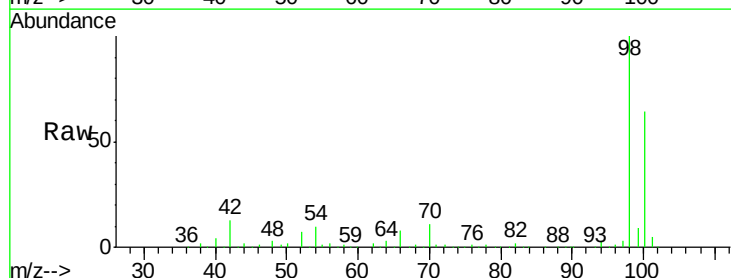
Acq: 21 Mar 2018 18:09

Tgt Ion: 98 Resp: 209083

Ion Ratio Lower Upper

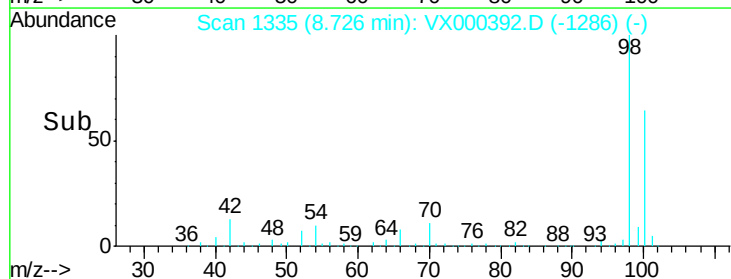
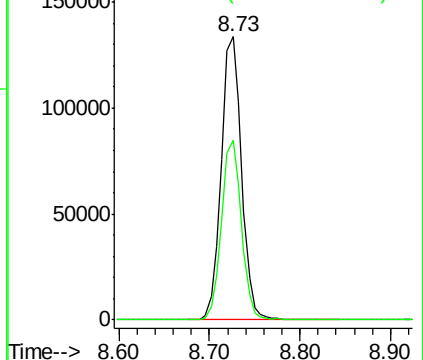
98 100

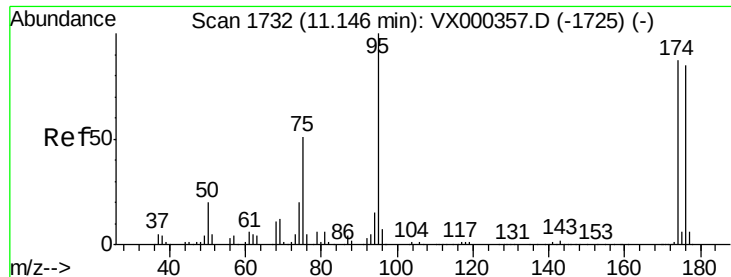
100 62.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 40.15 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE\BLANK-SAMPLE\MANAG

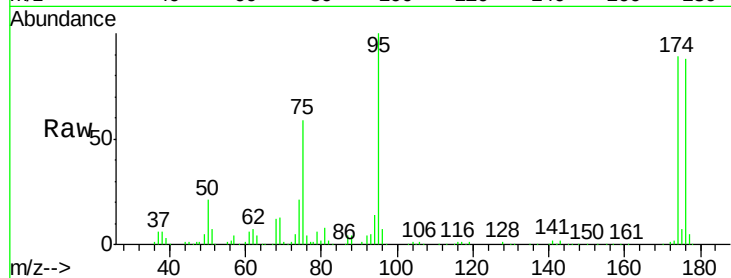
Tgt Ion: 95 Resp: 70731

Ion Ratio Lower Upper

95 100

174 89.5 0.0 173.6

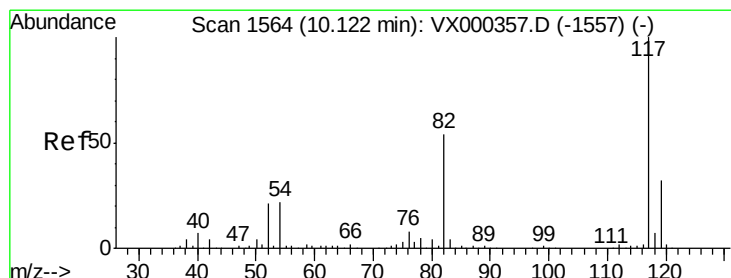
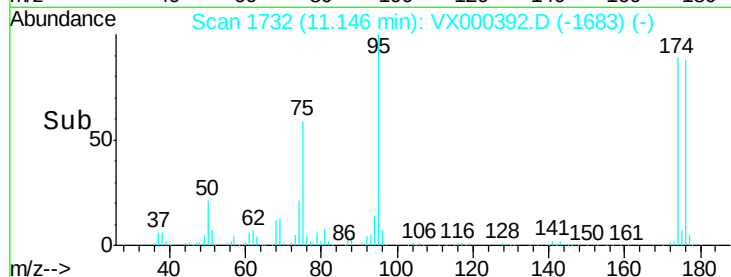
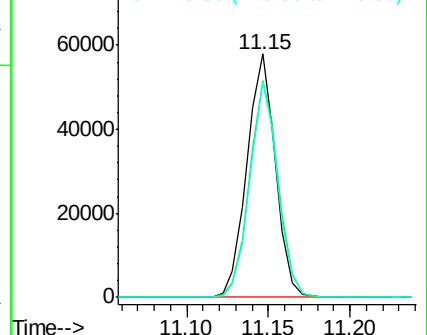
176 86.4 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000357.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000357.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000357.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

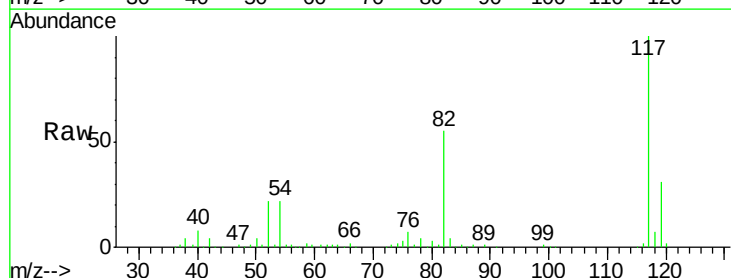
Tgt Ion: 117 Resp: 157422

Ion Ratio Lower Upper

117 100

82 54.9 43.8 65.8

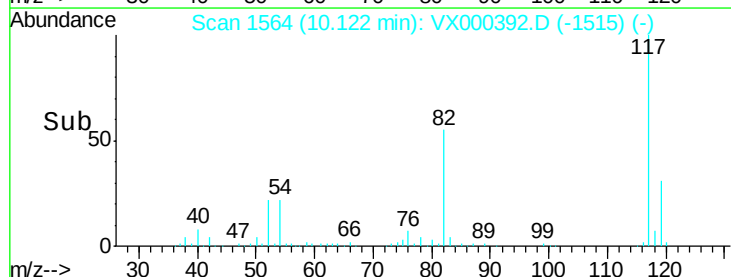
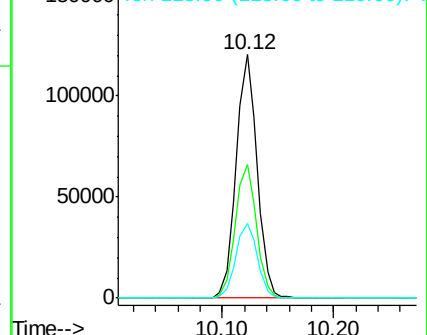
119 30.9 24.9 37.3

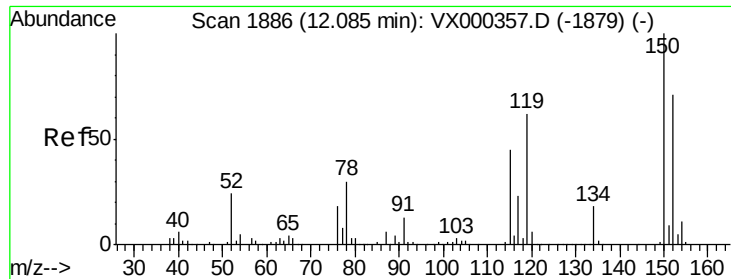


Abundance Ion 116.90 (116.60 to 117.60): VX000357.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000357.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000357.D (-1557) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000392.D

Acq: 21 Mar 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

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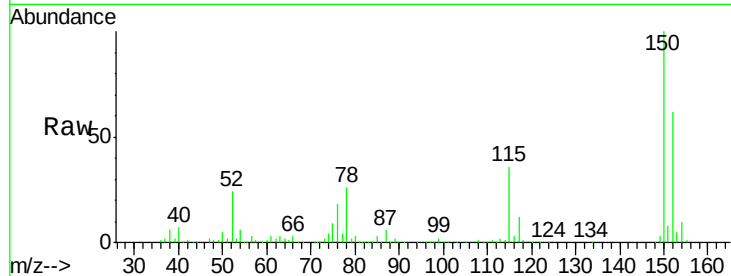
Tgt Ion:152 Resp: 77660

Ion Ratio Lower Upper

152 100

115 55.8 39.8 119.3

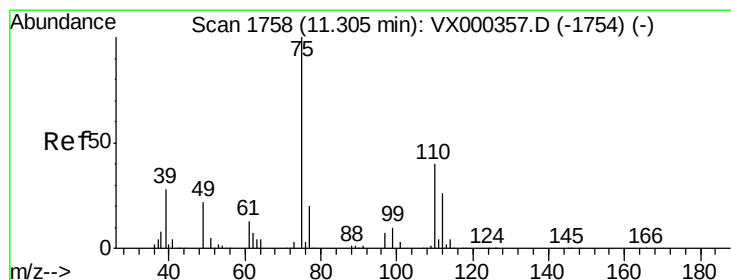
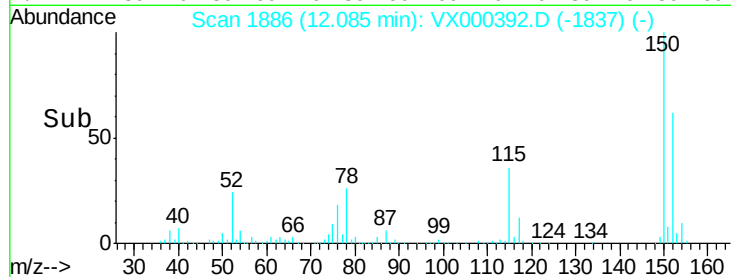
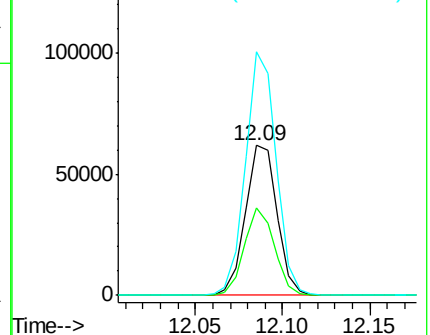
150 157.3 0.0 344.4



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



#76

1,2,3-Trichloropropane

Concen: 24.22 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000392.D

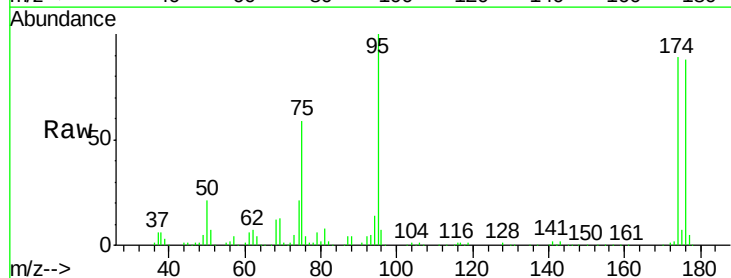
Acq: 21 Mar 2018 18:09

Tgt Ion: 75 Resp: 40424

Ion Ratio Lower Upper

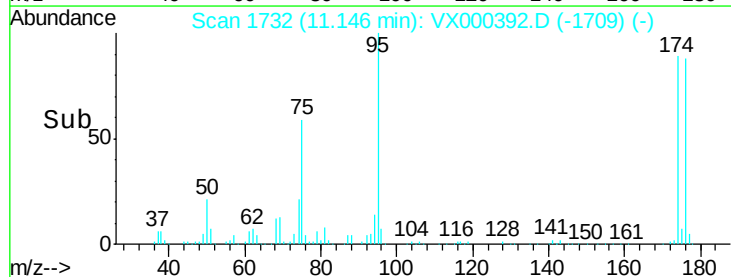
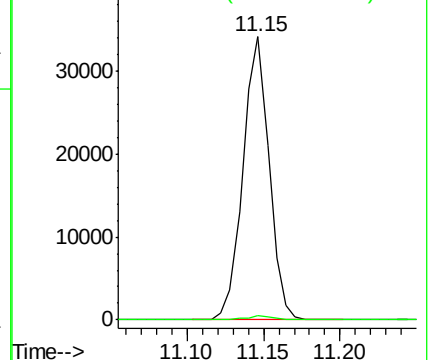
75 100

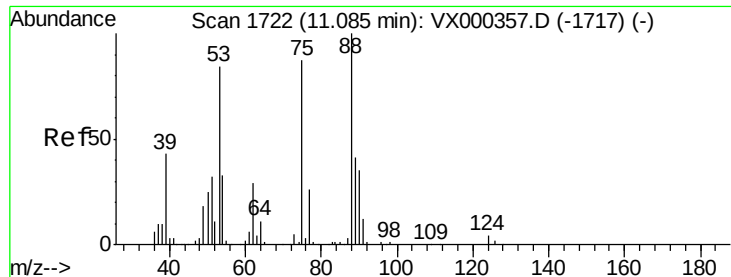
77 1.3 21.4 64.2#



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: 78.42 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000392.D
 Acq: 21 Mar 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Tgt Ion: 75 Resp: 40424
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.0 39.4 59.0#

