

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000957.D
 Acq On : 17 Apr 2018 08:22
 Operator : JC/MD
 Sample : J2349-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 08:41:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

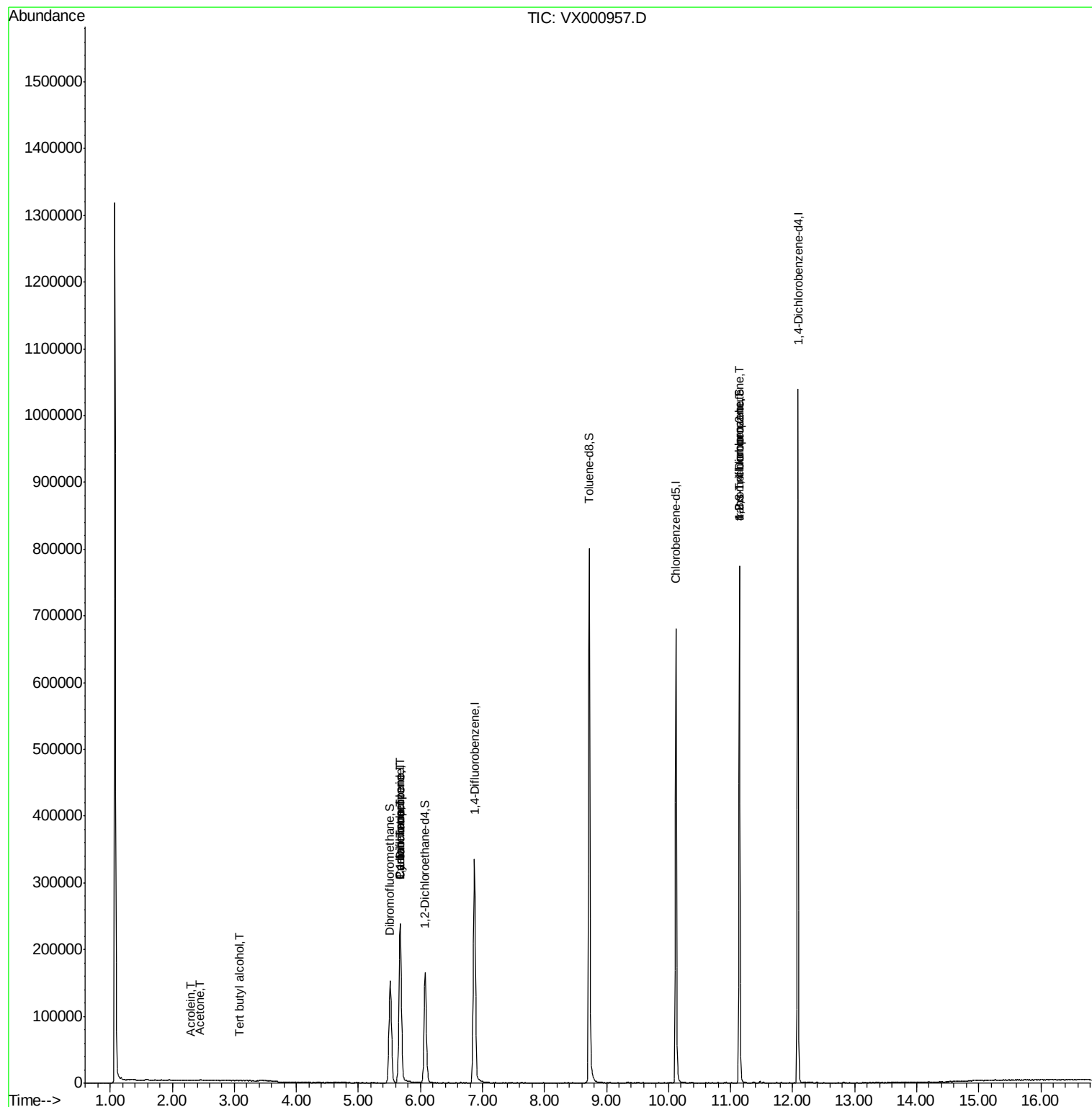
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	221791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162587	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	5.51	113	127618	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
50) Toluene-d8	8.72	98	505102	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.14	95	197045	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.67	94	192	Below Cal	#	2
11) Tert butyl alcohol	3.07	59	156	0.270	ug/l #	46
13) Acrolein	2.29	56	74	0.263	ug/l #	1
16) Acetone	2.45	43	1146	1.020	ug/l #	88
31) Cyclohexane	5.67	56	4233	0.986	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15892	3.984	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22114	4.954	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	98132	25.655	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	98132	70.572	ug/l #	11

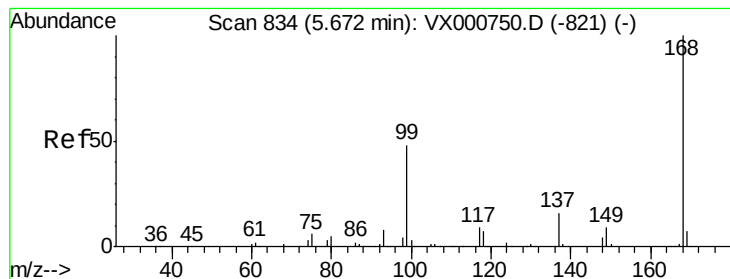
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000957.D

Acq: 17 Apr 2018 08:22

Instrument :

MSVOA_X

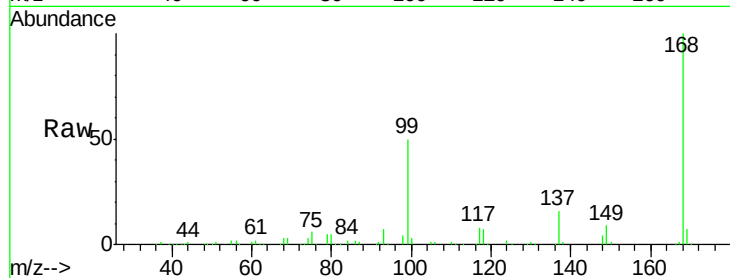
ClientSampleId :

Tot Ion:168 Resp: 258342

Ion Ratio Lower Upper

168 100

99 49.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

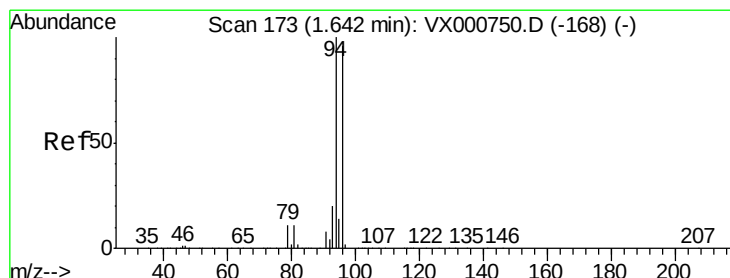
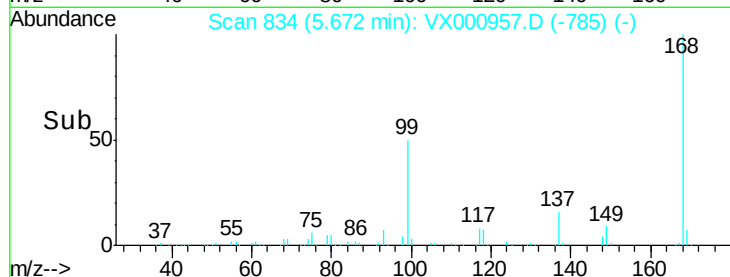
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX000957.D

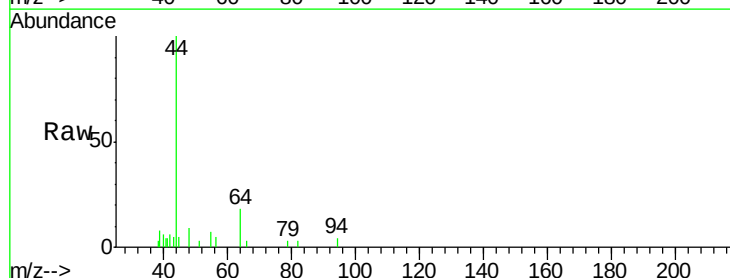
Acq: 17 Apr 2018 08:22

Tgt Ion: 94 Resp: 192

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.67

100

80

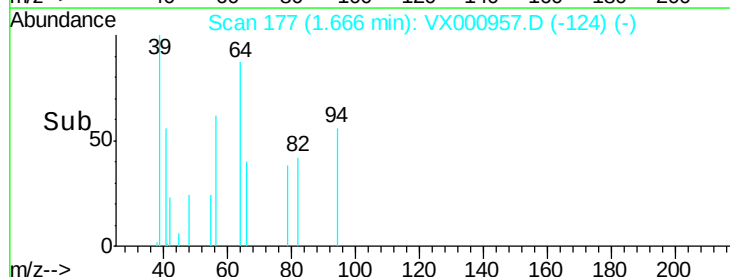
60

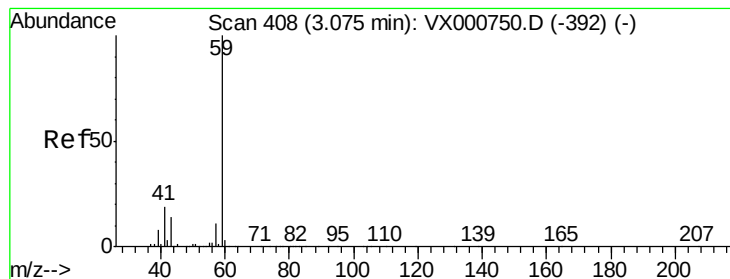
40

20

0

Time--> 1.65 1.70





#11

Tert butyl alcohol

Concen: 0.270 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.00 min

Lab File: VX000957.D

Acq: 17 Apr 2018 08:22

Instrument :

MSVOA_X

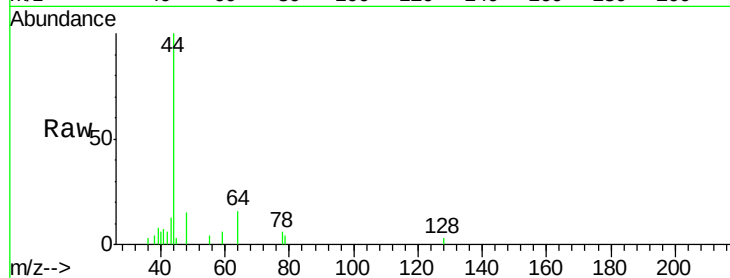
ClientSampled :

Tot Ion: 59 Resp: 156

Ion Ratio Lower Upper

59 100

57 30.8 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

100

80

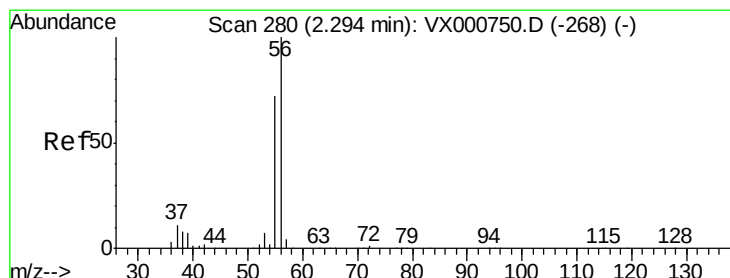
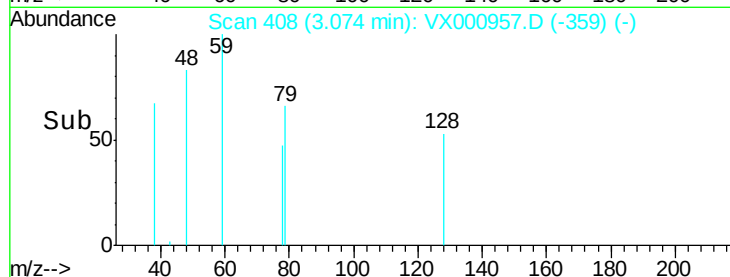
60

40

20

0

Time--> 3.02 3.04 3.06 3.08 3.10



#13

Acrolein

Concen: 0.263 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000957.D

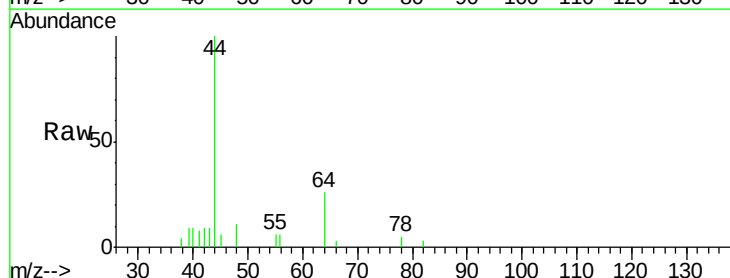
Acq: 17 Apr 2018 08:22

Tgt Ion: 56 Resp: 74

Ion Ratio Lower Upper

56 100

55 177.0 58.7 88.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

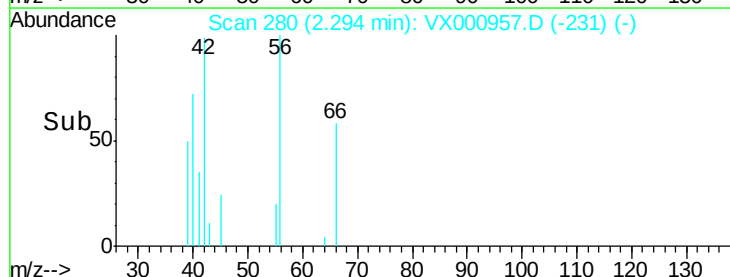
2.29

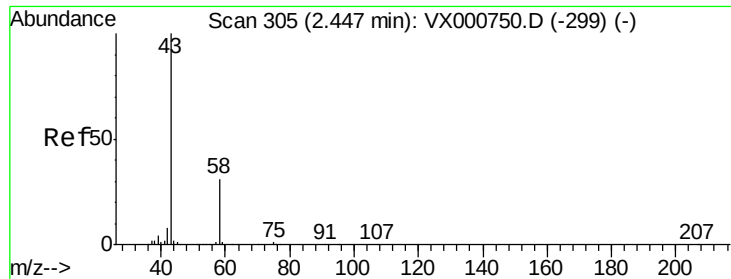
100

50

0

Time--> 2.27 2.28 2.29 2.30 2.31





#16

Acetone

Concen: 1.020 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000957.D

Acq: 17 Apr 2018 08:22

Instrument :

MSVOA_X

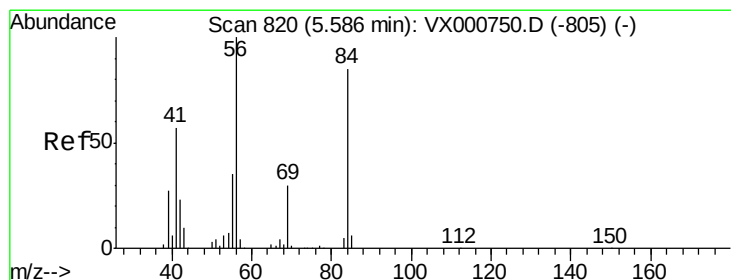
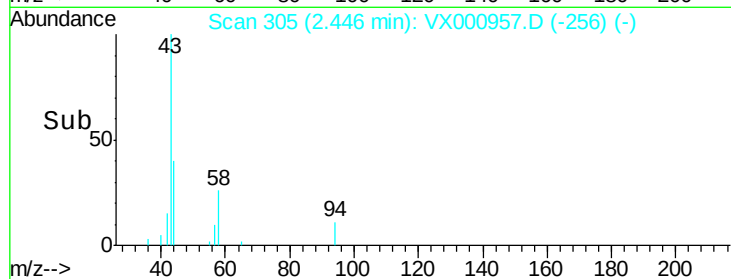
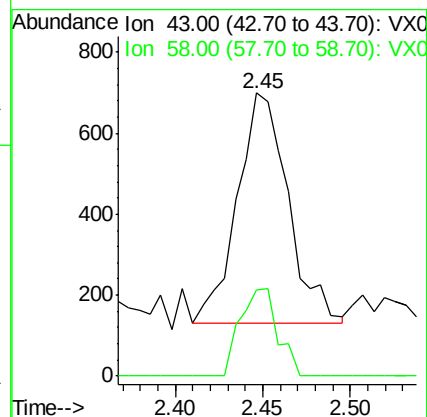
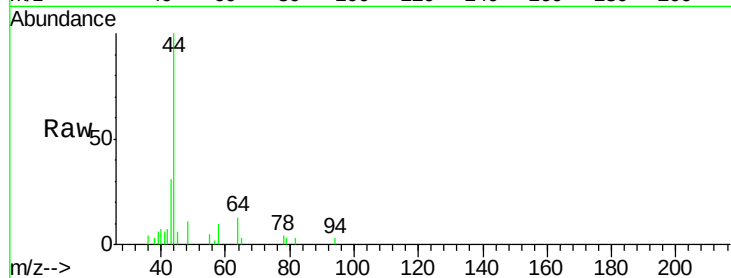
ClientSampleId :

Tot Ion: 43 Resp: 1146

Ion Ratio Lower Upper

43 100

58 37.4 24.6 37.0#



#31

Cyclohexane

Concen: 0.986 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.08 min

Lab File: VX000957.D

Acq: 17 Apr 2018 08:22

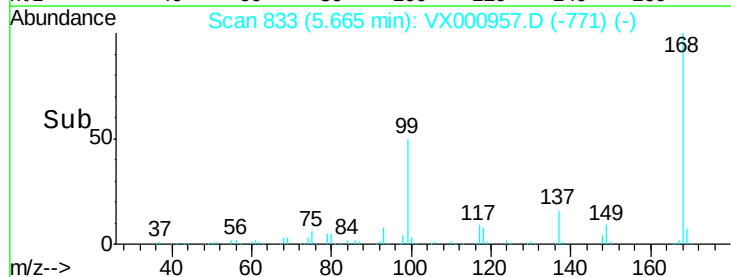
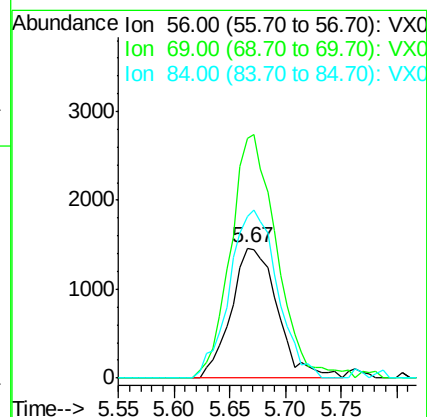
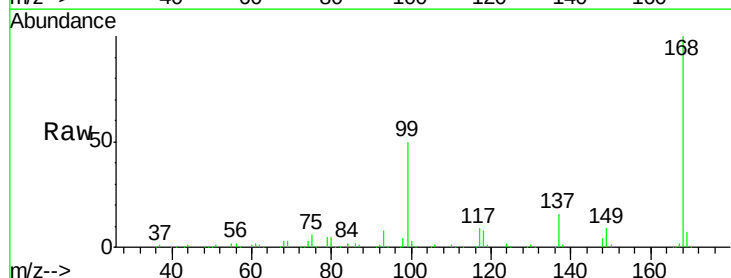
Tgt Ion: 56 Resp: 4233

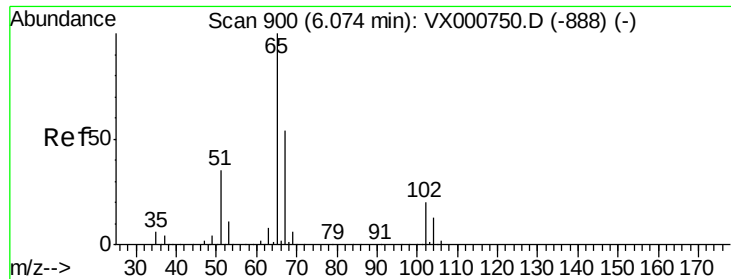
Ion Ratio Lower Upper

56 100

69 184.3 24.2 36.4#

84 124.4 67.6 101.4#

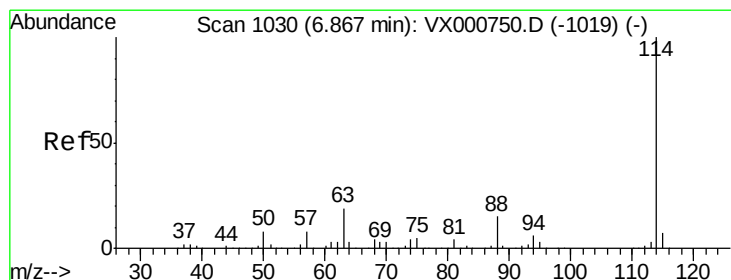
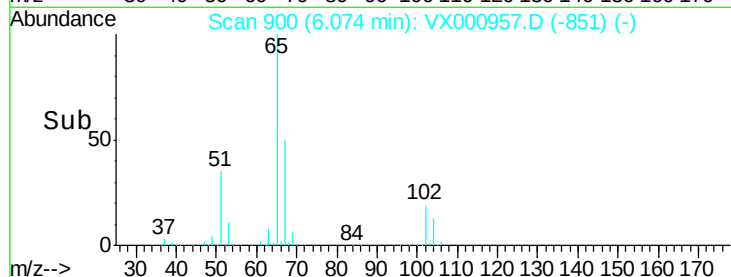
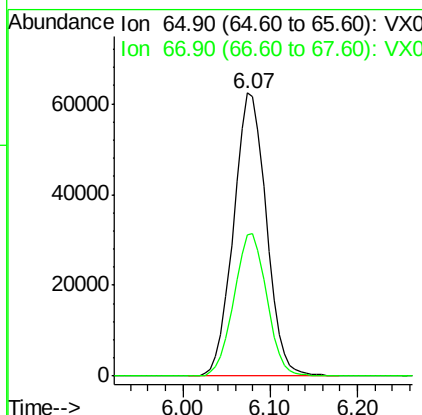
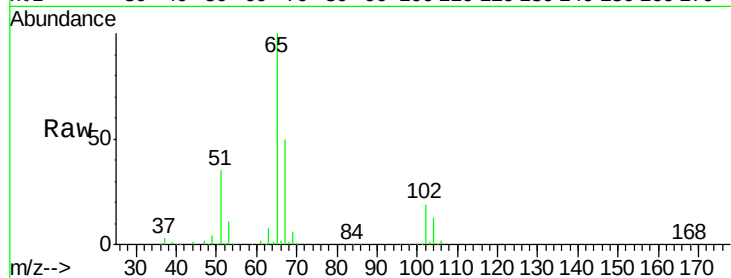




#33
 1,2-Dichloroethane-d4
 Concen: 49.913 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000957.D
 Acq: 17 Apr 2018 08:22

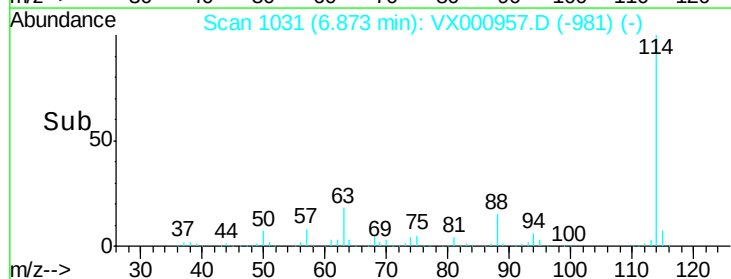
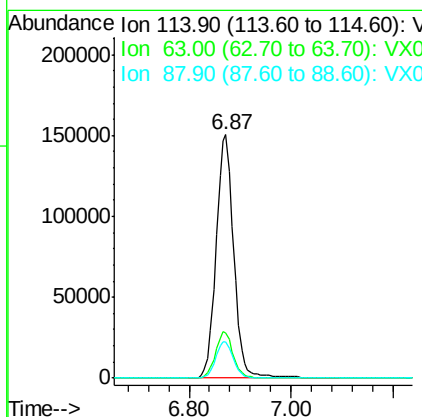
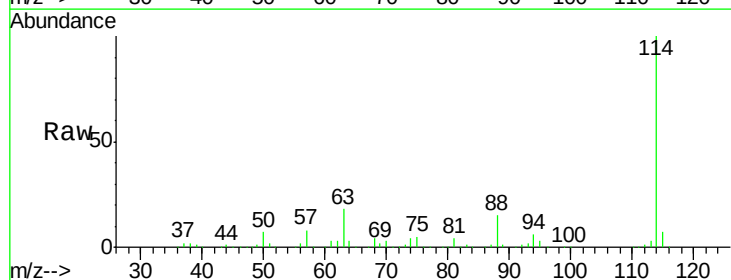
Instrument :
 MSVOA_X
 ClientSampleId :

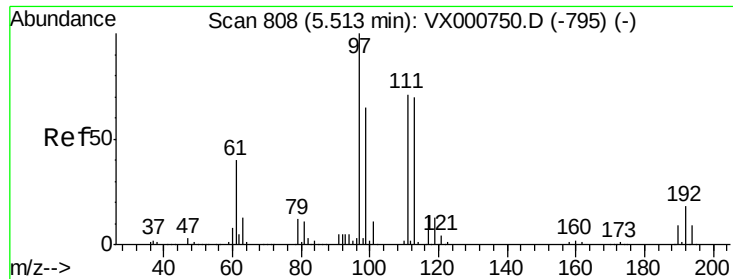
Tot Ion: 65 Resp: 162587
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000957.D
 Acq: 17 Apr 2018 08:22

Tgt Ion: 114 Resp: 362155
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.4
 88 15.1 0.0 31.0

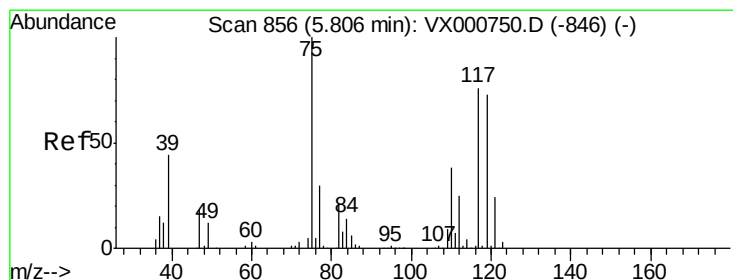
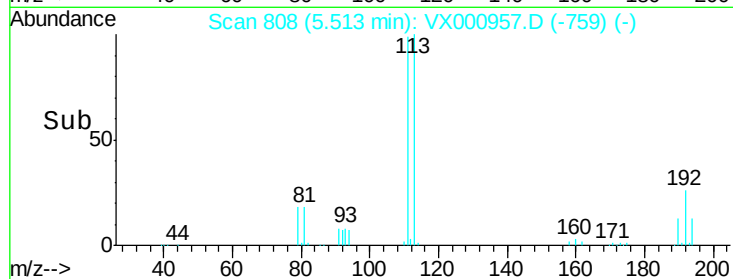
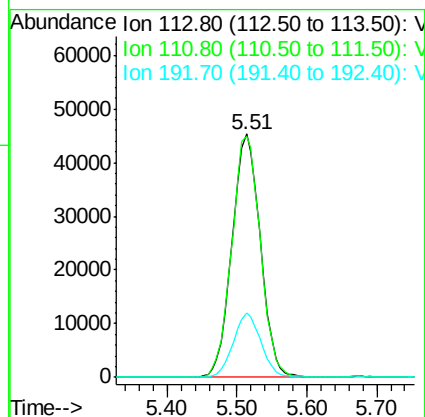
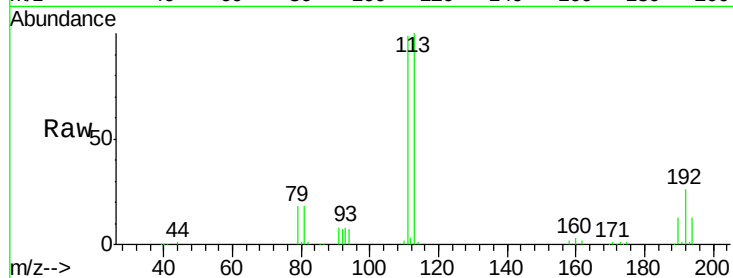




#35
 Dibromofluoromethane
 Concen: 45.738 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000957.D
 Acq: 17 Apr 2018 08:22

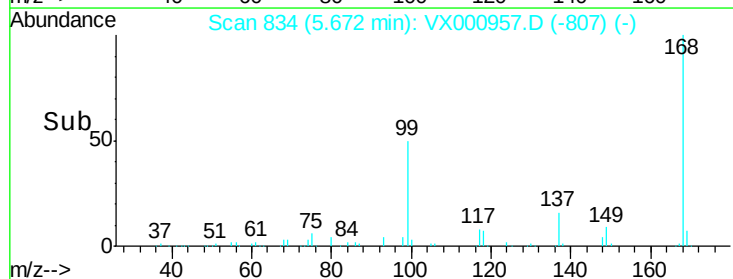
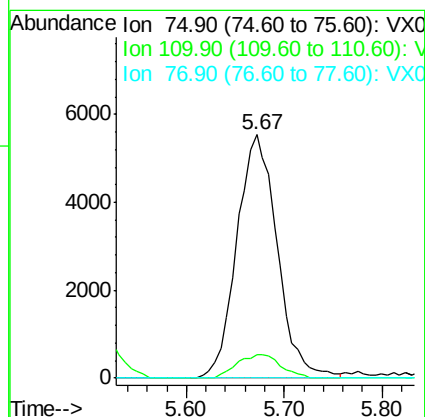
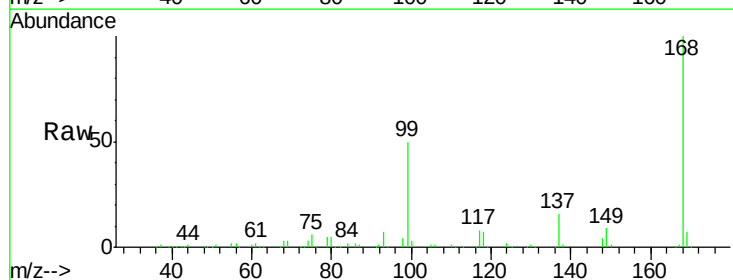
Instrument :
 MSVOA_X
 ClientSampleId :

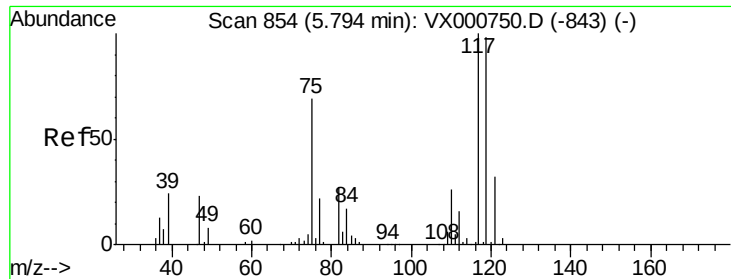
Tot Ion:113 Resp: 127618
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.5 122.3
 192 25.7 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 3.984 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000957.D
 Acq: 17 Apr 2018 08:22

Tgt Ion: 75 Resp: 15892
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.2 57.6#
 77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 4.954 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000957.D

Acq: 17 Apr 2018 08:22

Instrument :
MSVOA_X
ClientSampleId :

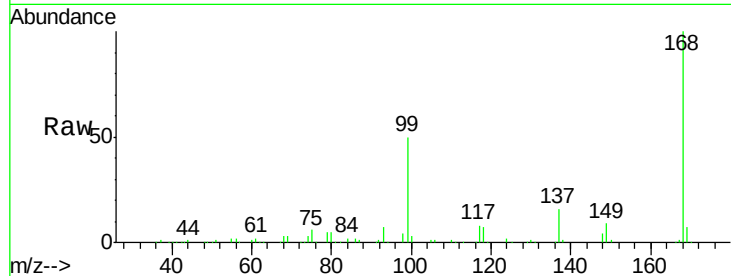
Tot Ion:117 Resp: 22114

Ion Ratio Lower Upper

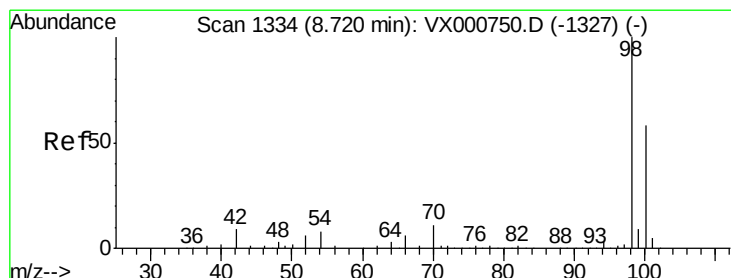
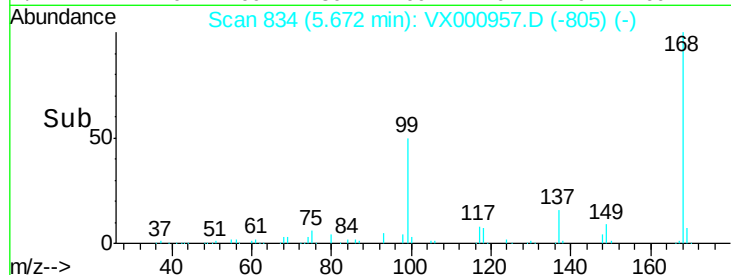
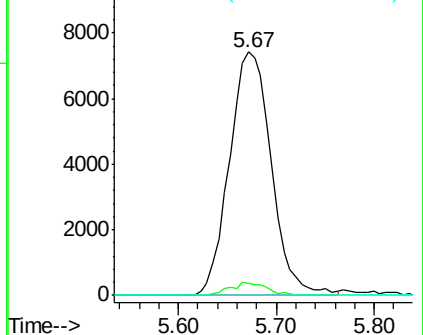
117 100

119 4.9 78.4 117.6#

121 0.0 25.4 38.0#



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: 48.619 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000957.D

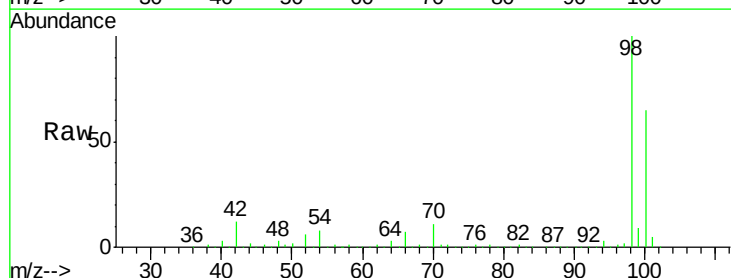
Acq: 17 Apr 2018 08:22

Tgt Ion: 98 Resp: 505102

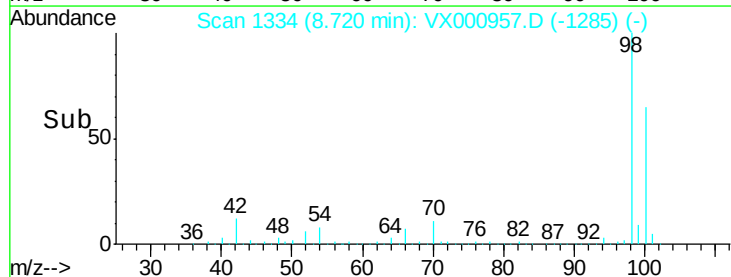
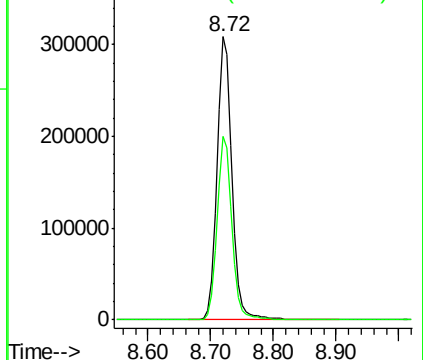
Ion Ratio Lower Upper

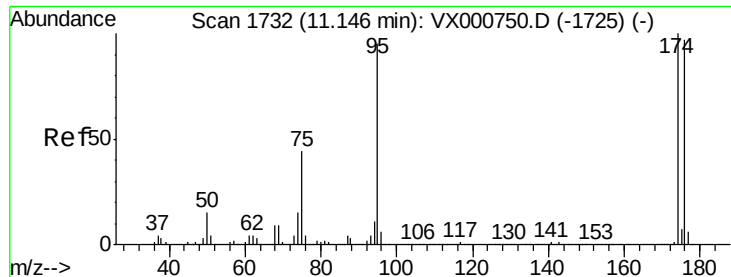
98 100

100 64.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.844 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000957.D

Acq: 17 Apr 2018 08:22

Instrument :

MSVOA_X

ClientSampleId :

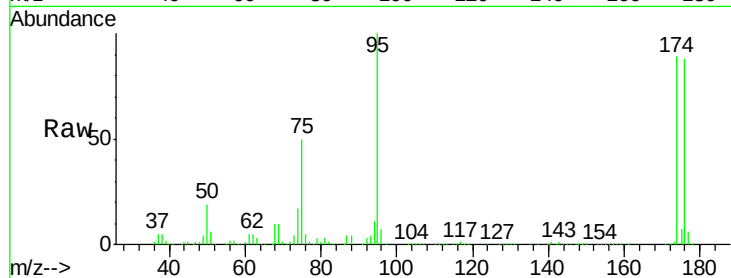
Tot Ion: 95 Resp: 197045

Ion Ratio Lower Upper

95 100

174 97.4 0.0 198.4

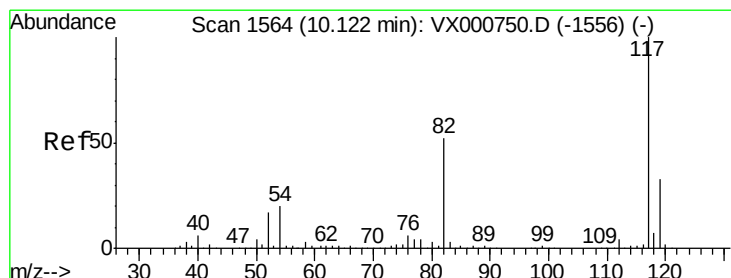
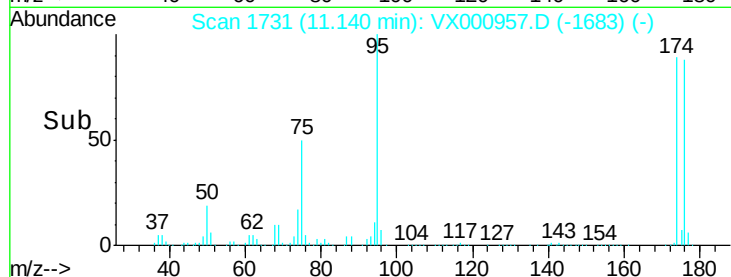
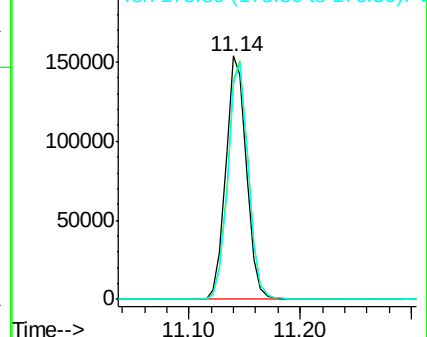
176 95.7 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX000750.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000750.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000750.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000957.D

Acq: 17 Apr 2018 08:22

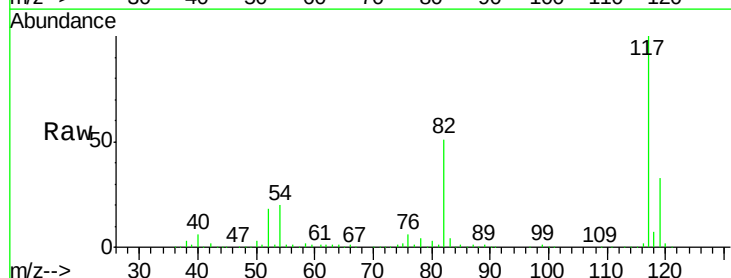
Tgt Ion: 117 Resp: 336406

Ion Ratio Lower Upper

117 100

82 51.5 41.9 62.9

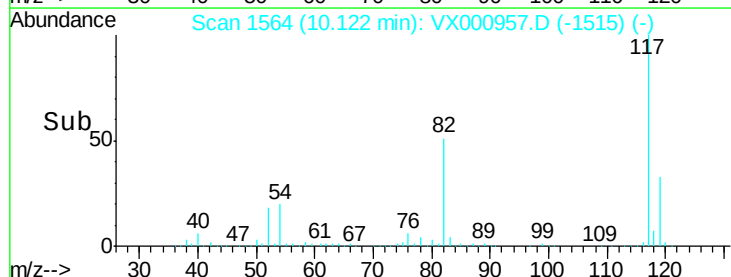
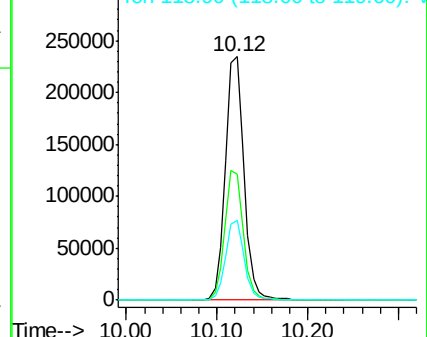
119 32.6 26.0 39.0

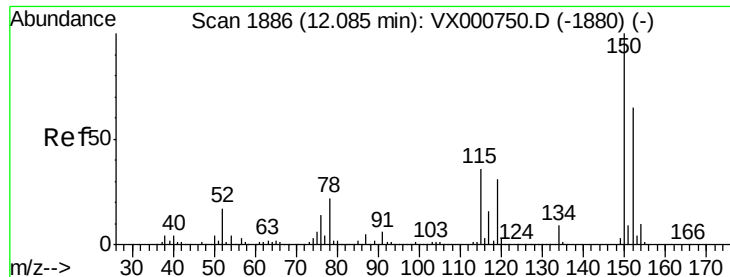


Abundance Ion 116.90 (116.60 to 117.60): VX000750.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX000750.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX000750.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000957.D

Acq: 17 Apr 2018 08:22

Instrument :

MSVOA_X

ClientSampleId :

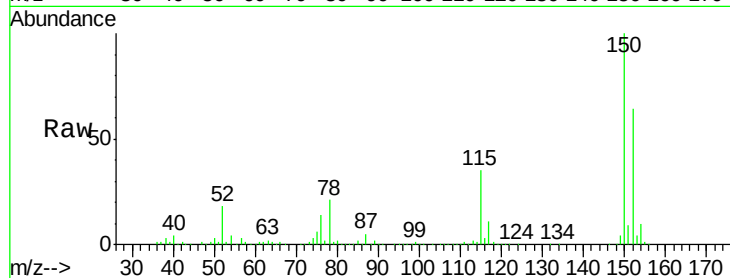
Tot Ion:152 Resp: 221791

Ion Ratio Lower Upper

152 100

115 54.0 37.9 113.7

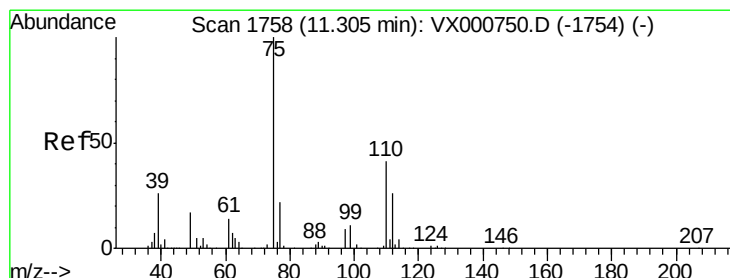
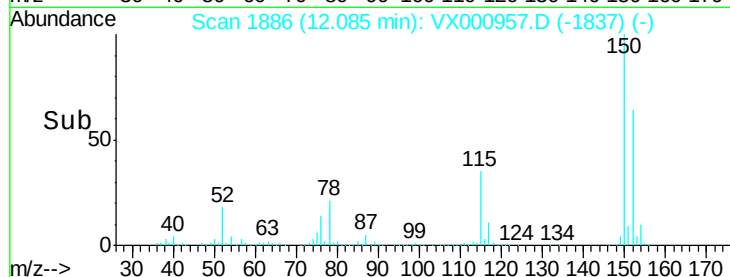
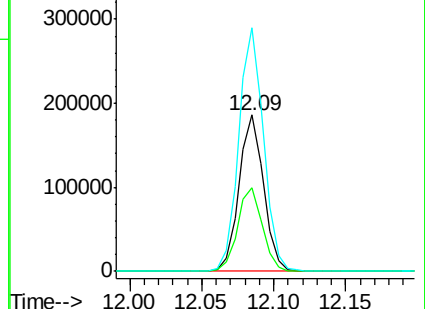
150 156.6 0.0 348.0



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: 25.655 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000957.D

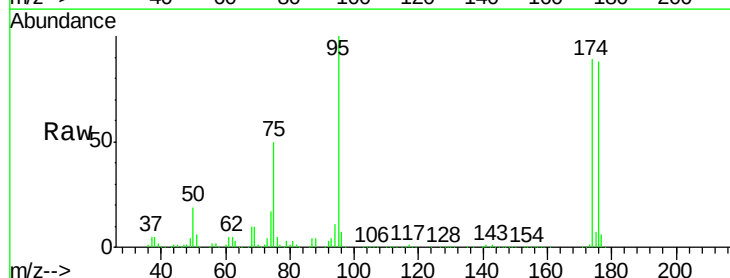
Acq: 17 Apr 2018 08:22

Tgt Ion: 75 Resp: 98132

Ion Ratio Lower Upper

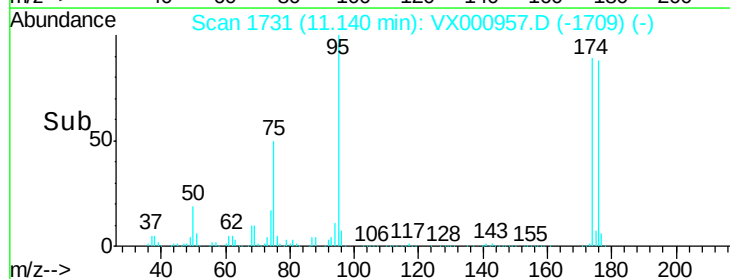
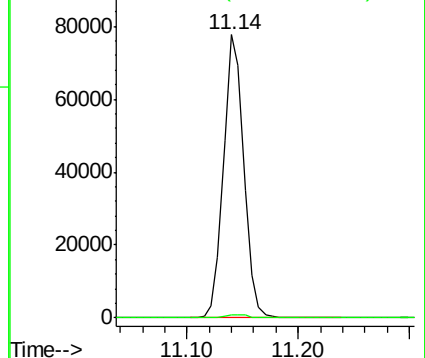
75 100

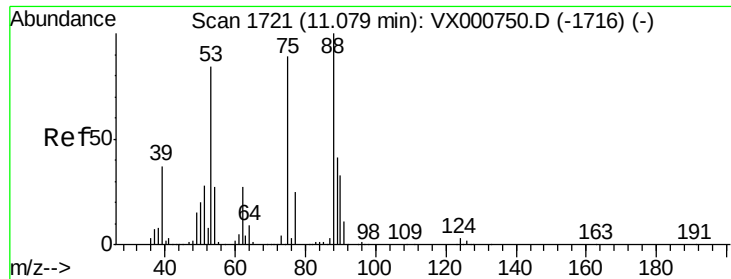
77 1.2 20.5 61.5#



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: 70.572 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000957.D

Acq: 17 Apr 2018 08:22

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 98132

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 40.9 61.3#

