

Data File : VX000890.D
Acq On : 15 Apr 2018 12:22
Operator : JC/MD
Sample : VX0415WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBL01

Quant Time: Apr 16 07:36:20 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	268134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203870	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155550	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	5.51	113	127027	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	8.72	98	495051	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.14	95	183272	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	

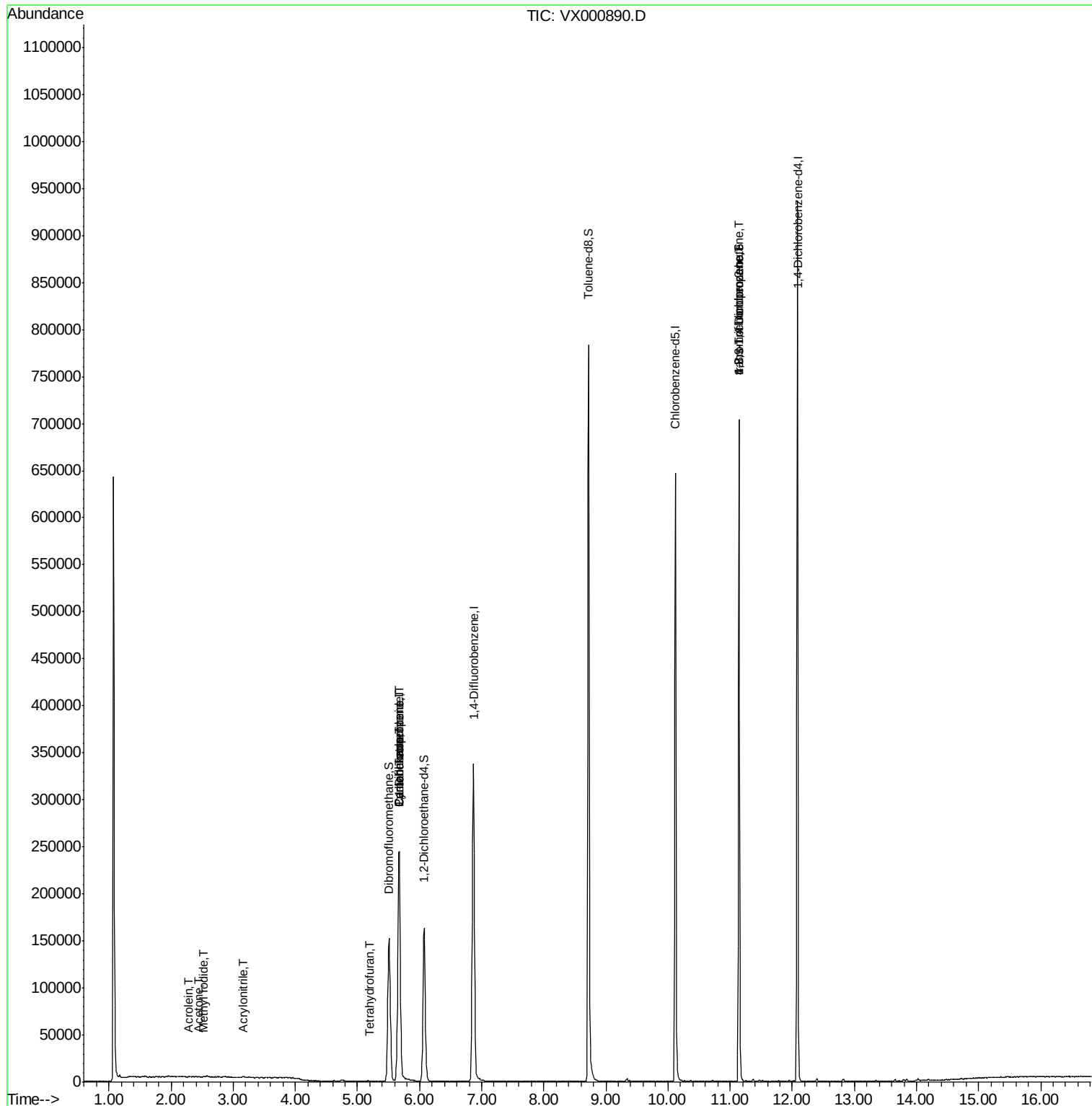
Target Compounds				Qvalue		
5) Bromomethane	1.62	94	27	Below Cal	#	2
10) Methyl Iodide	2.53	142	292	8.35	ug/l #	42
13) Acrolein	2.28	56	233	0.80	ug/l #	13
15) Acrylonitrile	3.15	53	776	0.61	ug/l #	86
16) Acetone	2.45	43	572	0.49	ug/l	93
29) Tetrahydrofuran	5.18	42	1081	0.88	ug/l #	61
31) Cyclohexane	5.67	56	4604	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16649	4.20	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22671	5.11	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	90292	25.68	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	90292	70.64	ug/l #	11

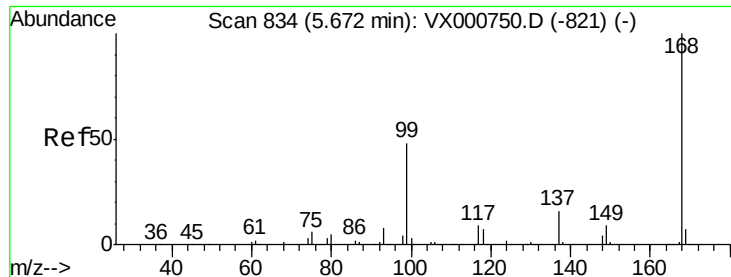
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000890.D

Acq: 15 Apr 2018 12:22

Instrument :

MSVOA_X

ClientSampled :

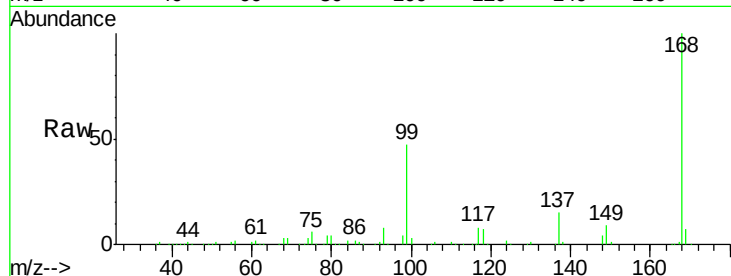
VX0415WBL01

Tgt Ion:168 Resp: 268134

Ion Ratio Lower Upper

168 100

99 46.5 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

100000

80000

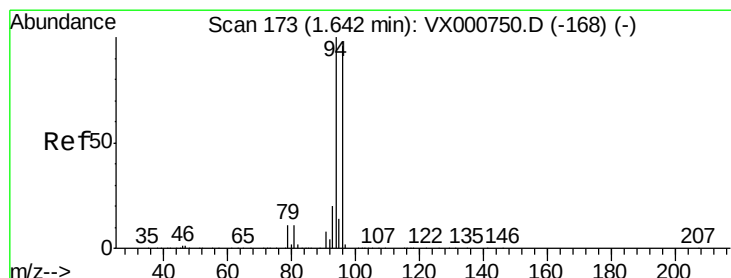
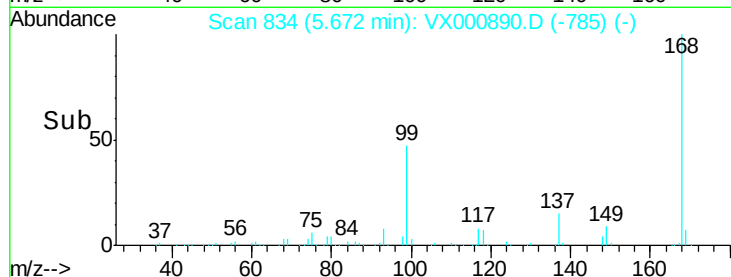
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 170

Delta R.T. -0.02 min

Lab File: VX000890.D

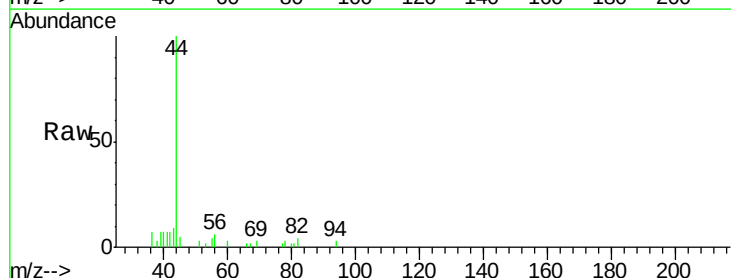
Acq: 15 Apr 2018 12:22

Tgt Ion: 94 Resp: 27

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

1.62

80

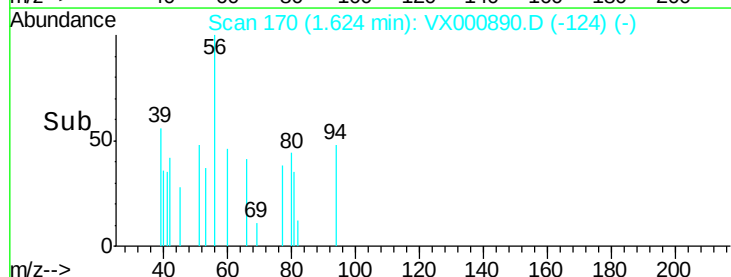
60

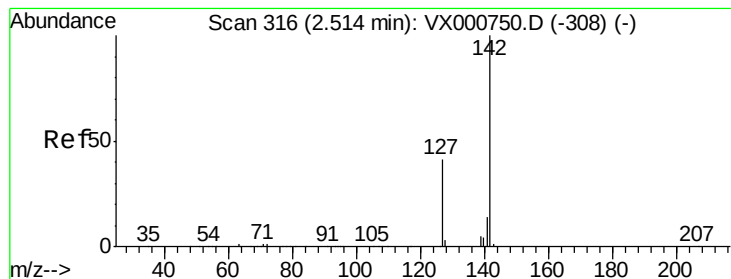
40

20

0

Time--> 1.62 1.62 1.63 1.63





#10

Methyl Iodide

Concen: 8.35 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX000890.D

Acq: 15 Apr 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBL01

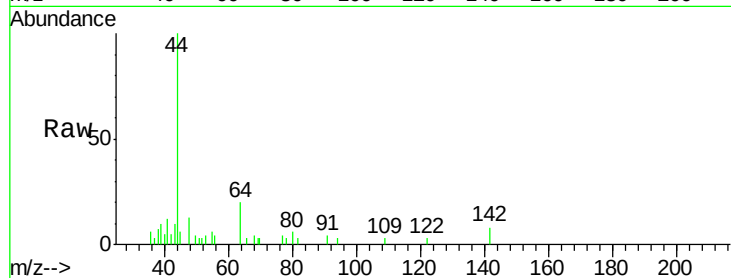
Tgt Ion:142 Resp: 292

Ion Ratio Lower Upper

142 100

127 0.0 32.6 49.0#

141 0.0 11.5 17.3#



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

2.53

150

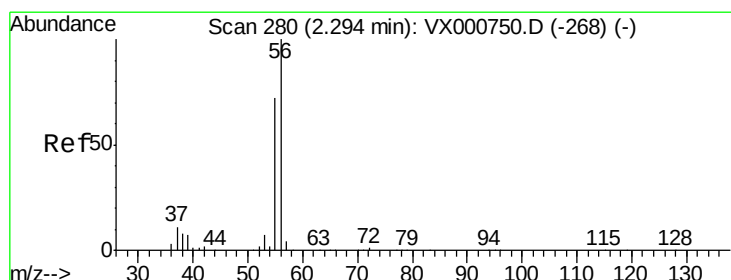
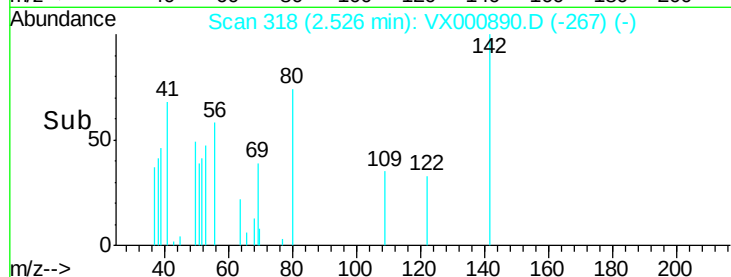
100

50

0

2.50 2.55

Time-->



#13

Acrolein

Concen: 0.80 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX000890.D

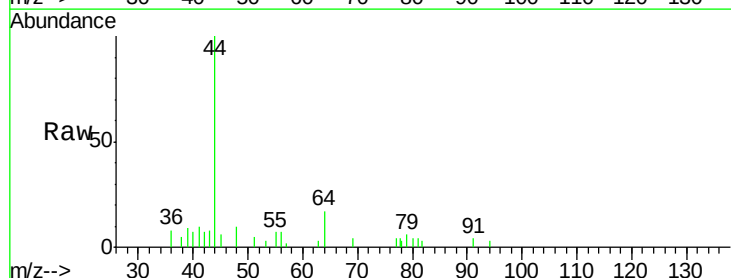
Acq: 15 Apr 2018 12:22

Tgt Ion: 56 Resp: 233

Ion Ratio Lower Upper

56 100

55 0.0 58.7 88.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

250

200

150

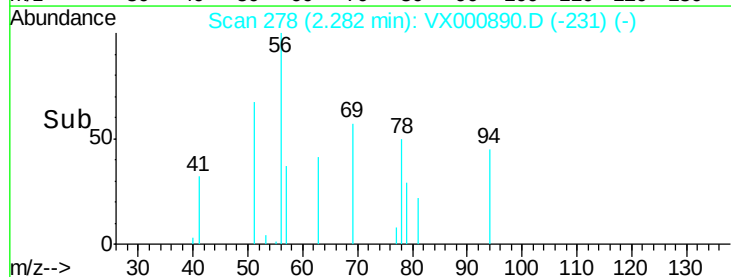
100

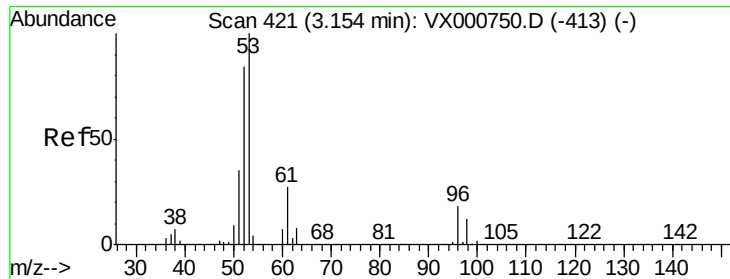
50

0

2.26 2.28 2.30

Time-->

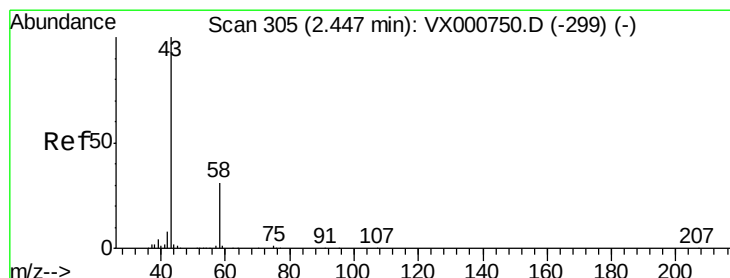
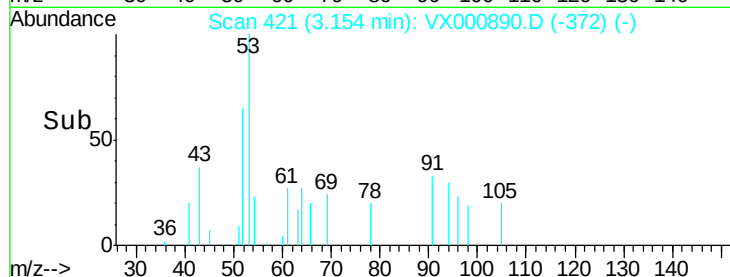
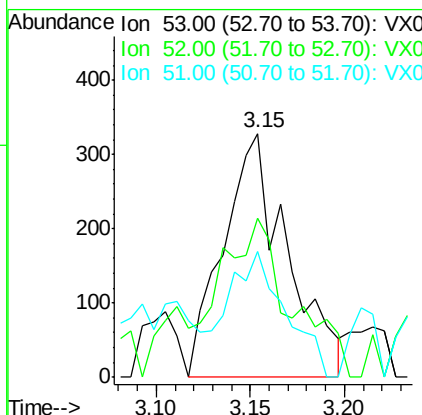
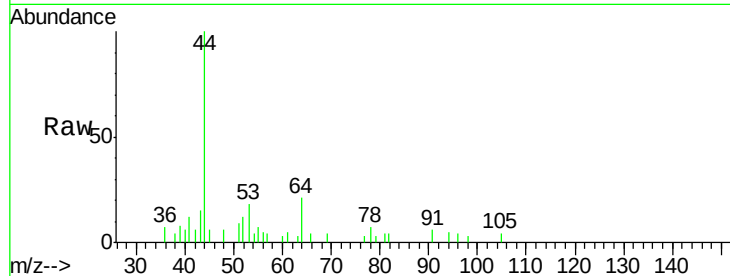




#15
 Acrylonitrile
 Concen: 0.61 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX000890.D
 Acq: 15 Apr 2018 12:22

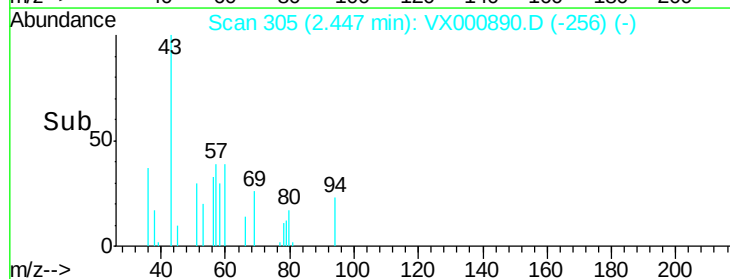
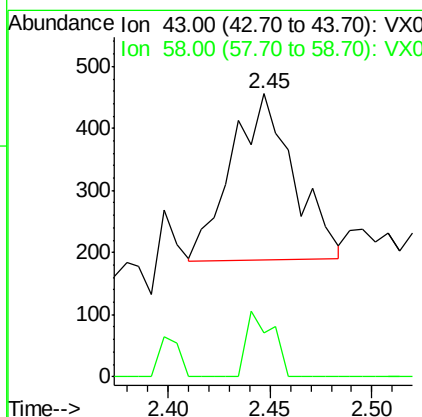
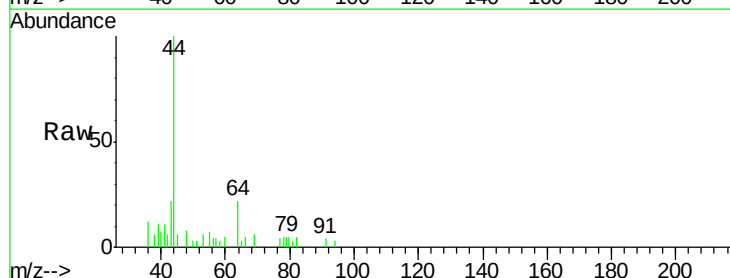
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBL01

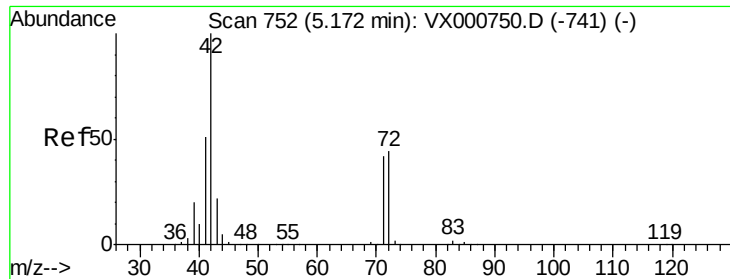
Tgt Ion: 53 Resp: 776
 Ion Ratio Lower Upper
 53 100
 52 72.2 66.5 99.7
 51 46.8 28.8 43.2#



#16
 Acetone
 Concen: 0.49 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX000890.D
 Acq: 15 Apr 2018 12:22

Tgt Ion: 43 Resp: 572
 Ion Ratio Lower Upper
 43 100
 58 26.7 24.6 37.0





#29

Tetrahydrofuran

Concen: 0.88 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000890.D

Acq: 15 Apr 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBL01

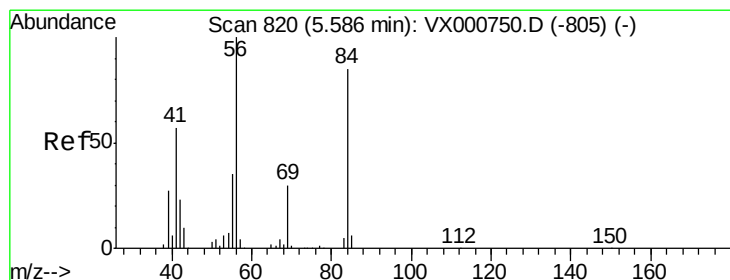
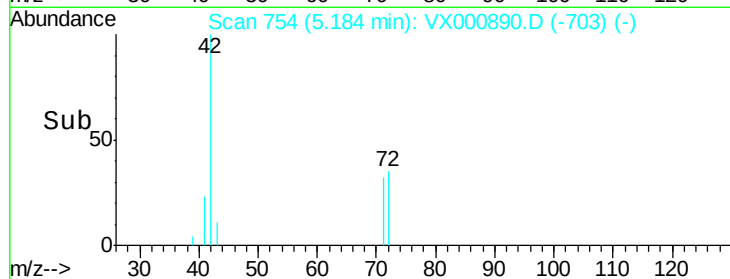
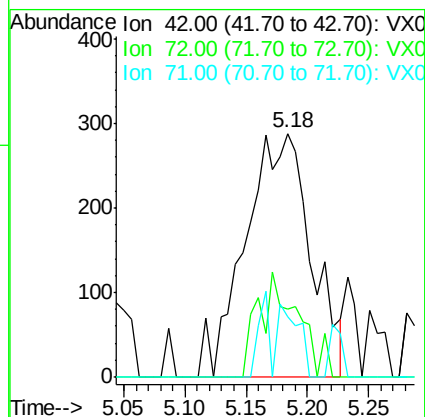
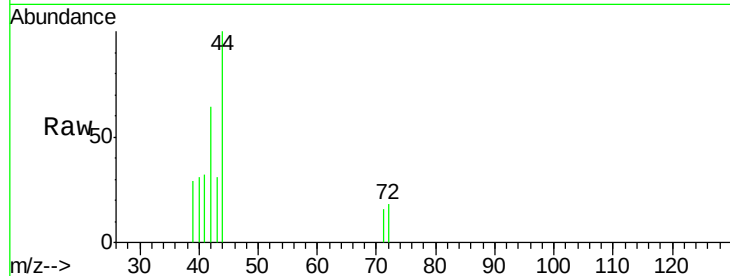
Tgt Ion: 42 Resp: 1081

Ion Ratio Lower Upper

42 100

72 26.1 35.1 52.7#

71 9.5 32.8 49.2#



#31

Cyclohexane

Concen: 1.03 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.08 min

Lab File: VX000890.D

Acq: 15 Apr 2018 12:22

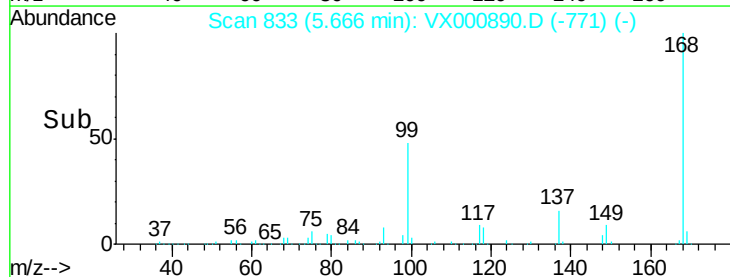
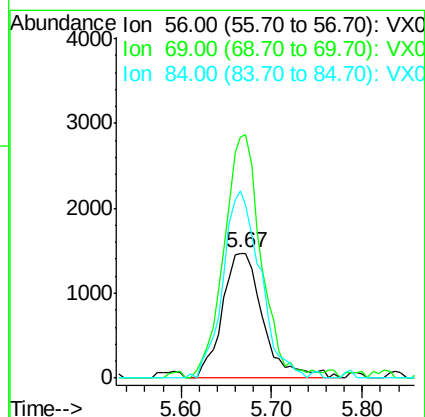
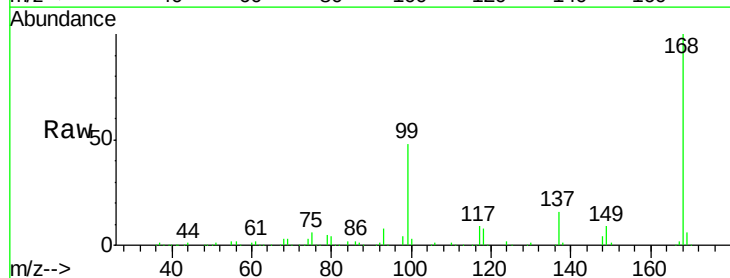
Tgt Ion: 56 Resp: 4604

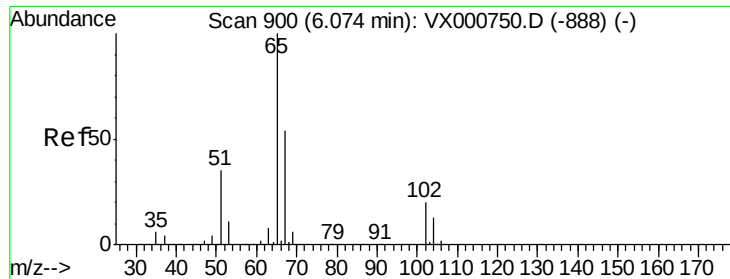
Ion Ratio Lower Upper

56 100

69 192.7 24.2 36.4#

84 149.9 67.6 101.4#

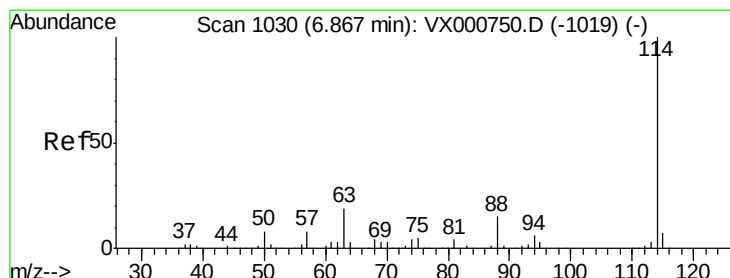
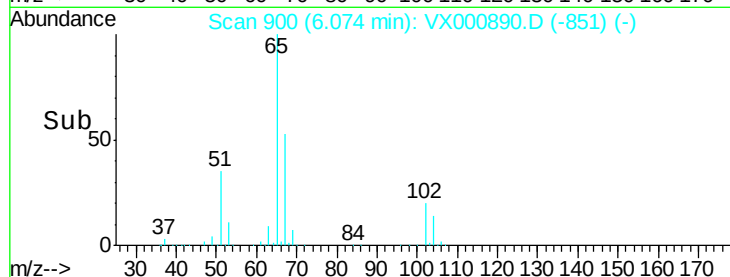
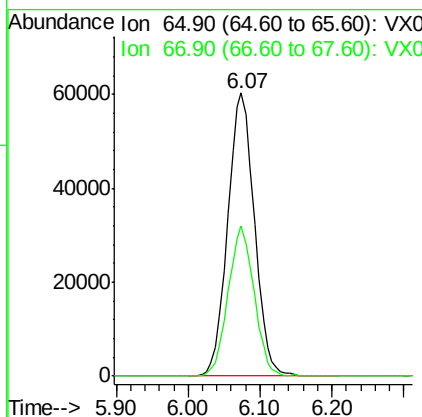
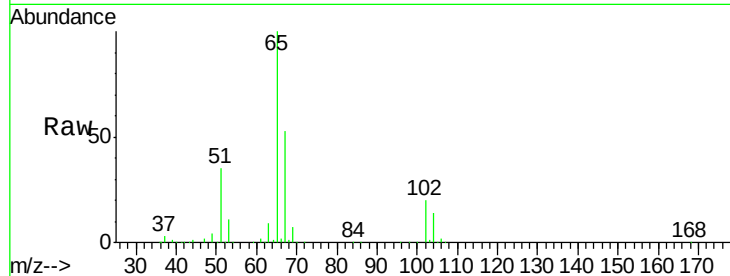




#33
 1,2-Dichloroethane-d4
 Concen: 46.01 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000890.D
 Acq: 15 Apr 2018 12:22

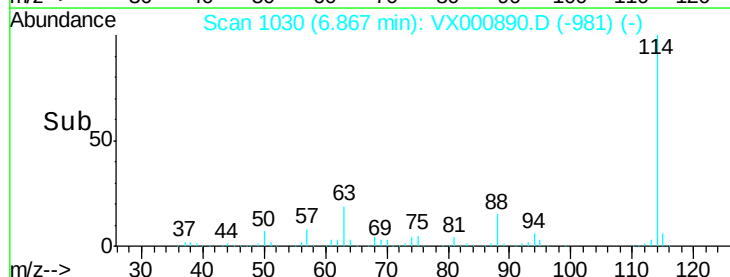
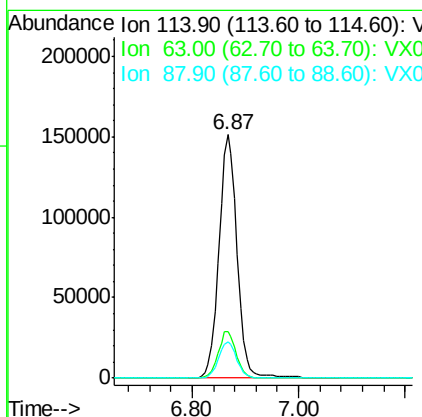
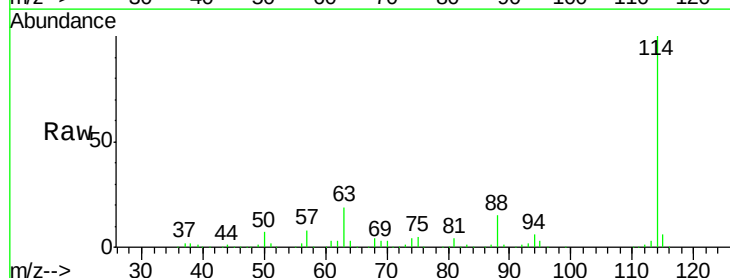
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBL01

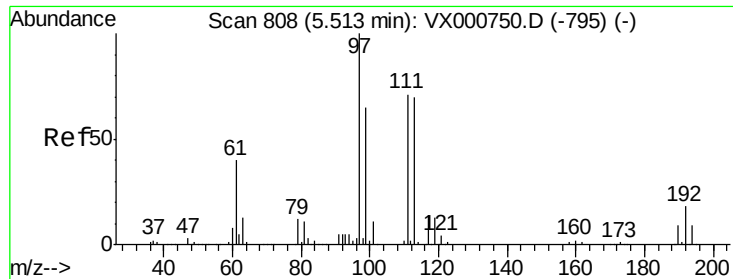
Tgt Ion: 65 Resp: 155550
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000890.D
 Acq: 15 Apr 2018 12:22

Tgt Ion: 114 Resp: 359897
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 14.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 45.81 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000890.D

Acq: 15 Apr 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBL01

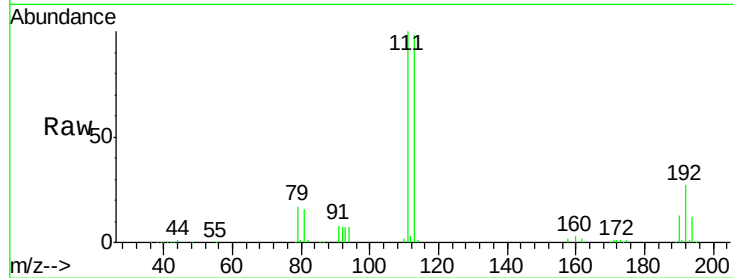
Tgt Ion:113 Resp: 127027

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

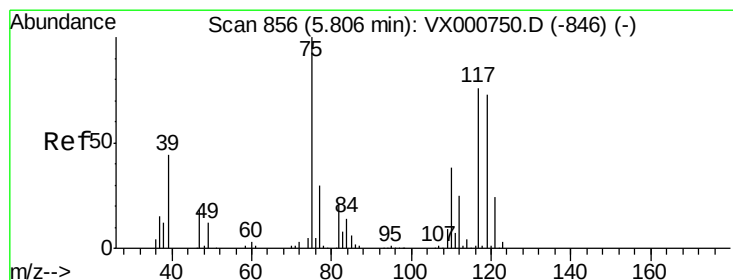
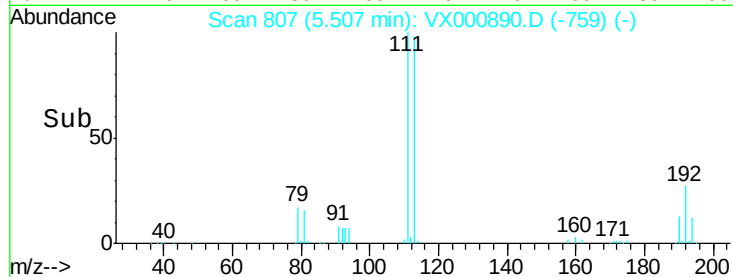
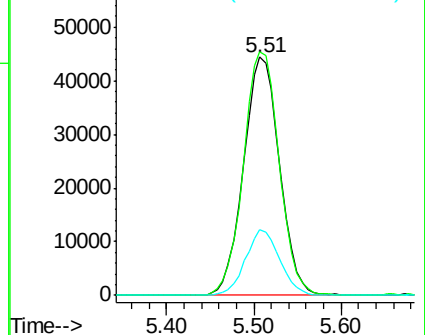
192 26.1 20.4 30.6



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: 4.20 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX000890.D

Acq: 15 Apr 2018 12:22

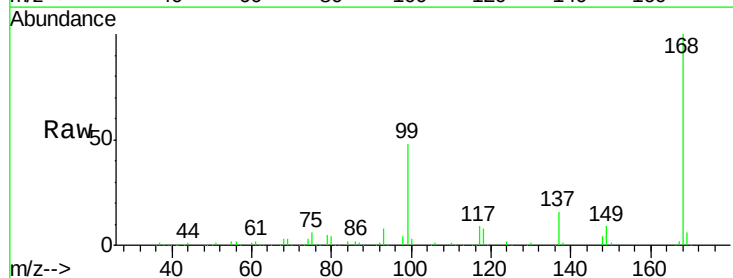
Tgt Ion: 75 Resp: 16649

Ion Ratio Lower Upper

75 100

110 10.6 19.2 57.6#

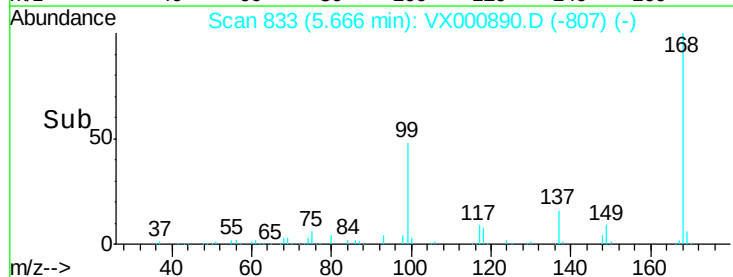
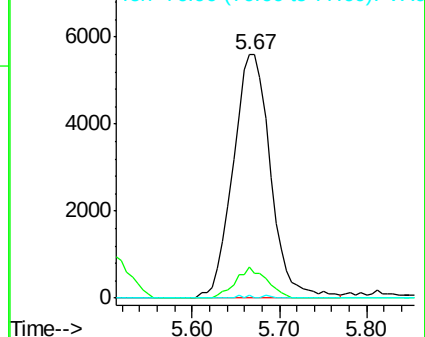
77 0.3 25.4 38.2#

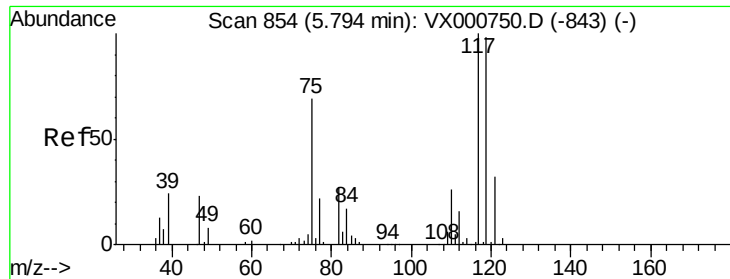


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.11 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX000890.D

Acq: 15 Apr 2018 12:22

Instrument :

MSVOA_X

ClientSampled :

VX0415WBL01

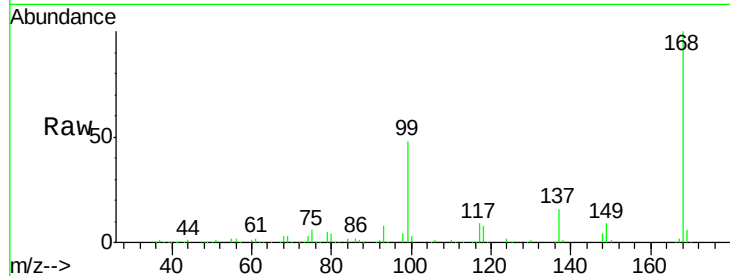
Tgt Ion:117 Resp: 22671

Ion Ratio Lower Upper

117 100

119 4.9 78.4 117.6#

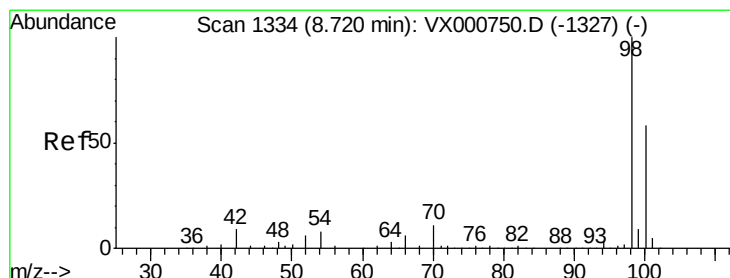
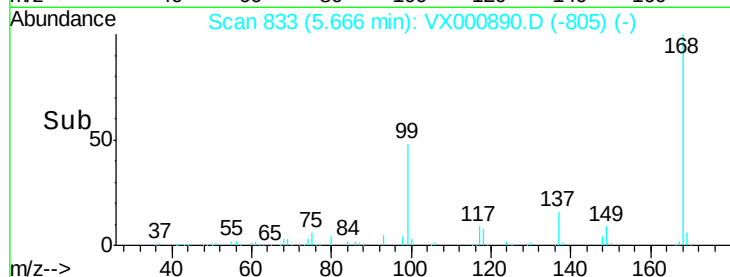
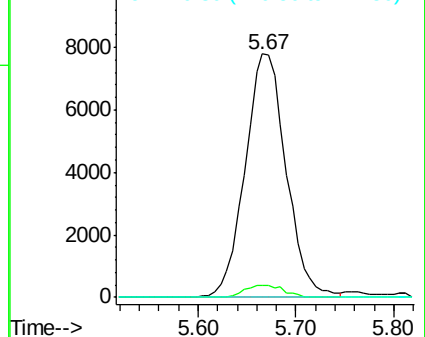
121 0.0 25.4 38.0#



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: 47.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000890.D

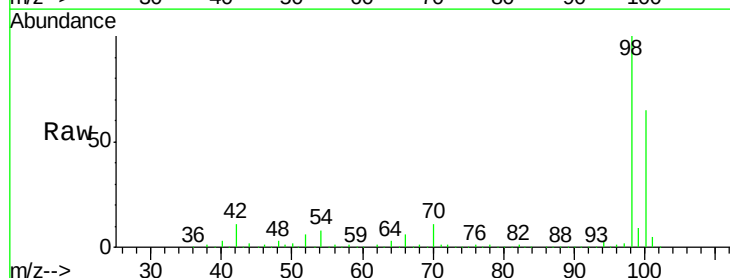
Acq: 15 Apr 2018 12:22

Tgt Ion: 98 Resp: 495051

Ion Ratio Lower Upper

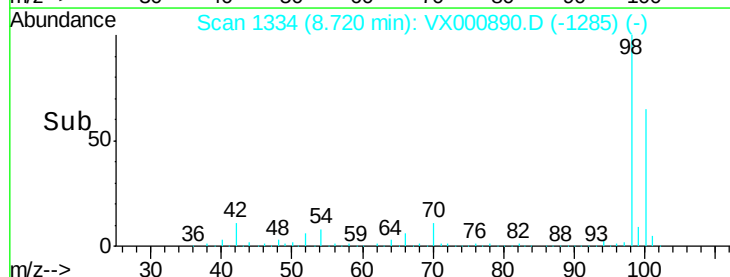
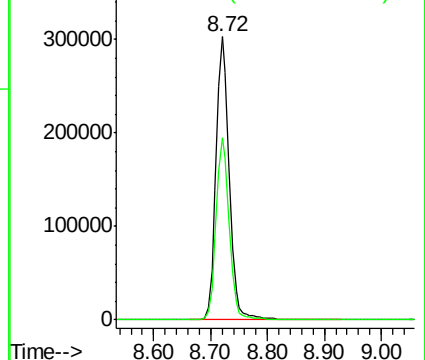
98 100

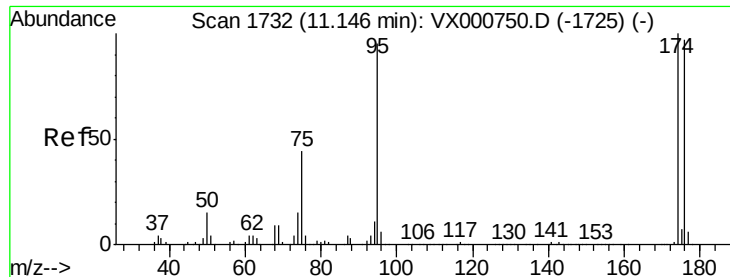
100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

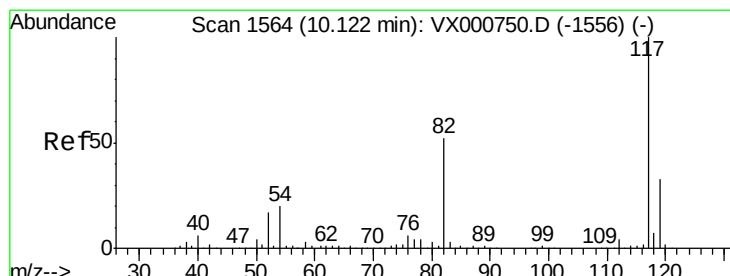
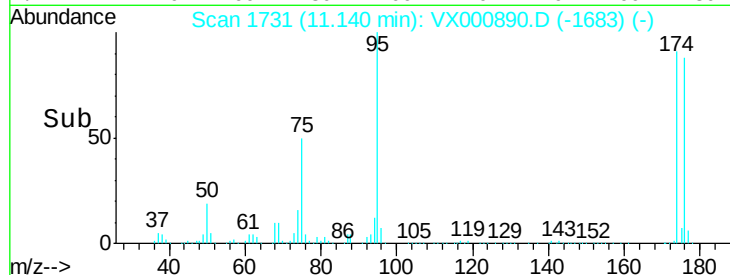
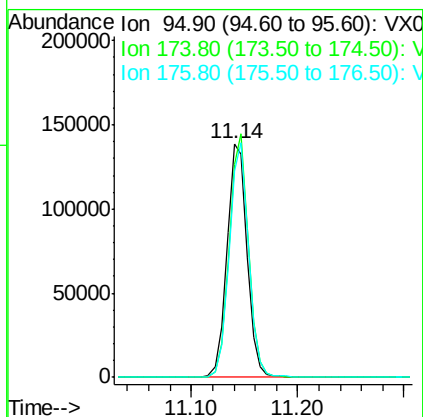
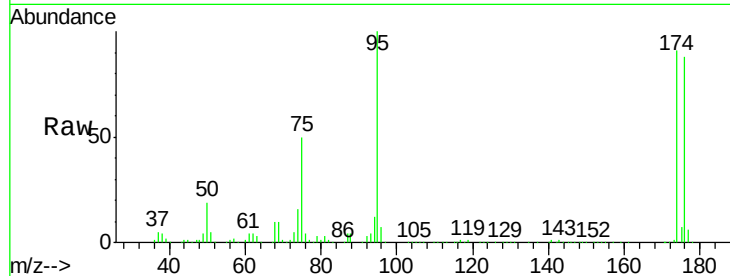




#62
4-Bromofluorobenzene
Concen: 42.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000890.D
Acq: 15 Apr 2018 12:22

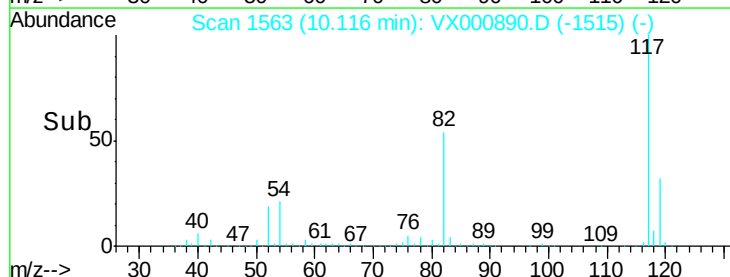
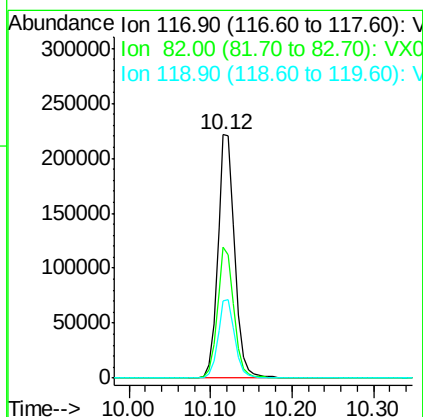
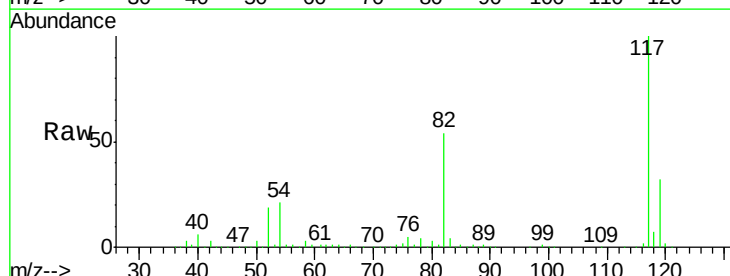
Instrument :
MSVOA_X
ClientSampleId :
VX0415WBL01

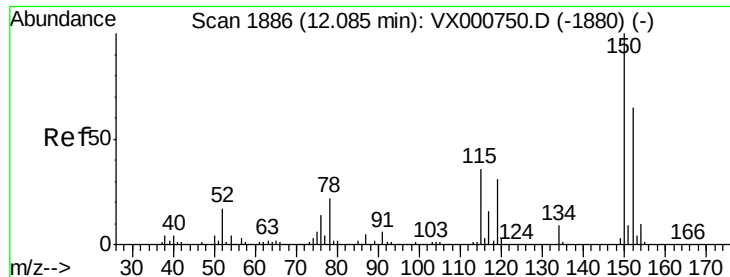
Tgt Ion: 95 Resp: 183272
Ion Ratio Lower Upper
95 100
174 99.9 0.0 198.4
176 96.8 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX000890.D
Acq: 15 Apr 2018 12:22

Tgt Ion: 117 Resp: 322357
Ion Ratio Lower Upper
117 100
82 54.1 41.9 62.9
119 31.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000890.D

Acq: 15 Apr 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBL01

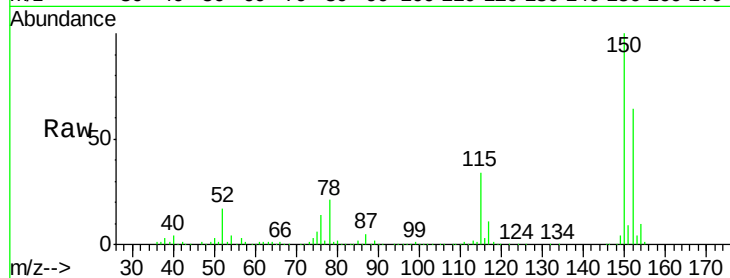
Tgt Ion:152 Resp: 203870

Ion Ratio Lower Upper

152 100

115 53.0 37.9 113.7

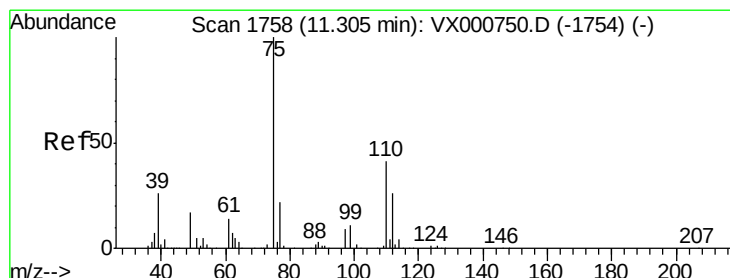
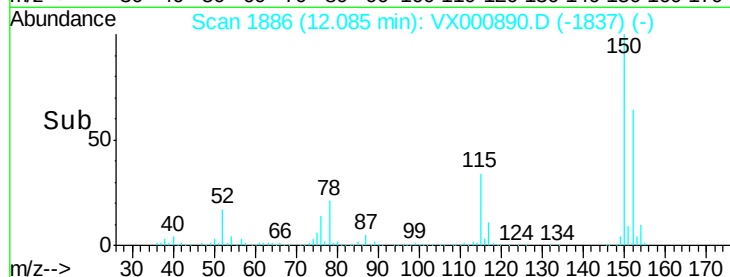
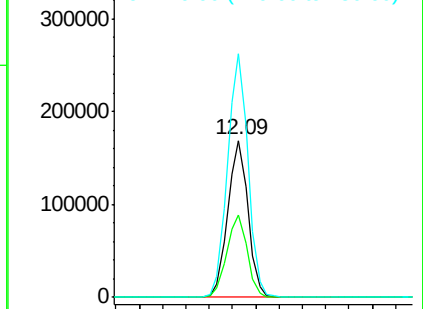
150 156.7 0.0 348.0



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: 25.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000890.D

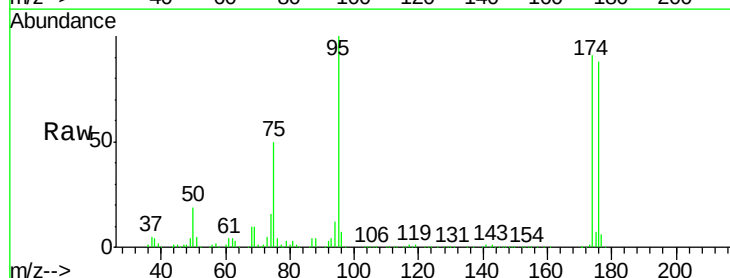
Acq: 15 Apr 2018 12:22

Tgt Ion: 75 Resp: 90292

Ion Ratio Lower Upper

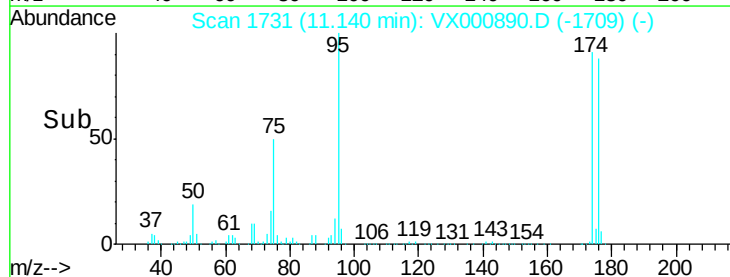
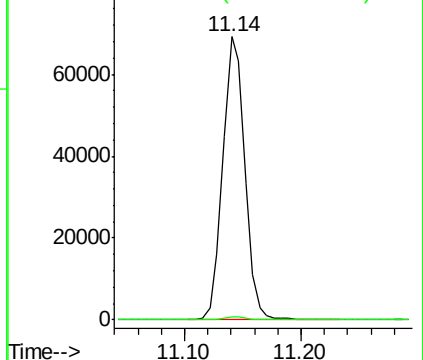
75 100

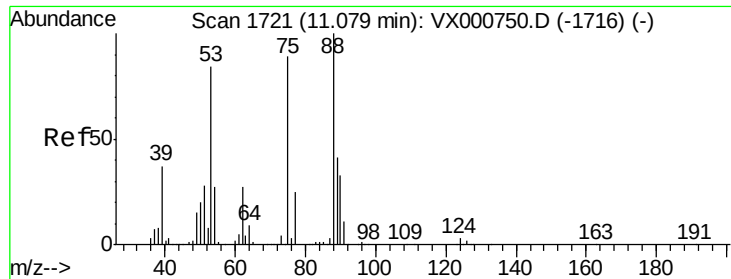
77 1.2 20.5 61.5#



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: 70.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000890.D

Acq: 15 Apr 2018 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBL01

Tgt Ion: 75 Resp: 90292

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 40.9 61.3#

