

Data File : VX001603.D
Acq On : 10 May 2018 15:53
Operator : JC/MD
Sample : J2649-02DL 50X
Misc : 6.13g/5mL/100uL/5mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
12R-9DL

Quant Time: May 11 06:54:47 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	135181	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198796	57.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.08%	
35) Dibromofluoromethane	5.51	113	153700	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	8.72	98	532405	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.14	95	165598	40.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.70%	

Target Compounds			Qvalue			
5) Bromomethane	1.64	94	1214	Below Cal		89
10) Methyl Iodide	2.52	142	1668	0.39 ug/l		97
11) Tert butyl alcohol	3.02	59	2636	3.59 ug/l #		80
13) Acrolein	2.32	56	72	Below Cal #		43
15) Acrylonitrile	3.14	53	342	0.21 ug/l #		62
16) Acetone	2.45	43	1009	0.64 ug/l		95
29) Tetrahydrofuran	5.18	42	478	0.33 ug/l #		76
31) Cyclohexane	5.66	56	4347	0.97 ug/l #		26
36) 1,1-Dichloropropene	5.66	75	15566	3.72 ug/l #		49
38) Carbon Tetrachloride	5.67	117	20722	4.64 ug/l #		17
54) cis-1,3-Dichloropropene	9.05	75	19	2.27 ug/l #		1
55) 1,1,2-Trichloroethane	9.34	97	928	0.29 ug/l #		3
60) Dibromochloromethane	9.34	129	108486	32.87 ug/l #		11
64) Tetrachloroethene	9.34	164	128914	33.65 ug/l		100
76) 1,2,3-Trichloropropane	11.14	75	82307	30.02 ug/l #		38
81) trans-1,4-Dichloro-2-buten	11.14	75	82307	91.80 ug/l #		7

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

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12R-9DL

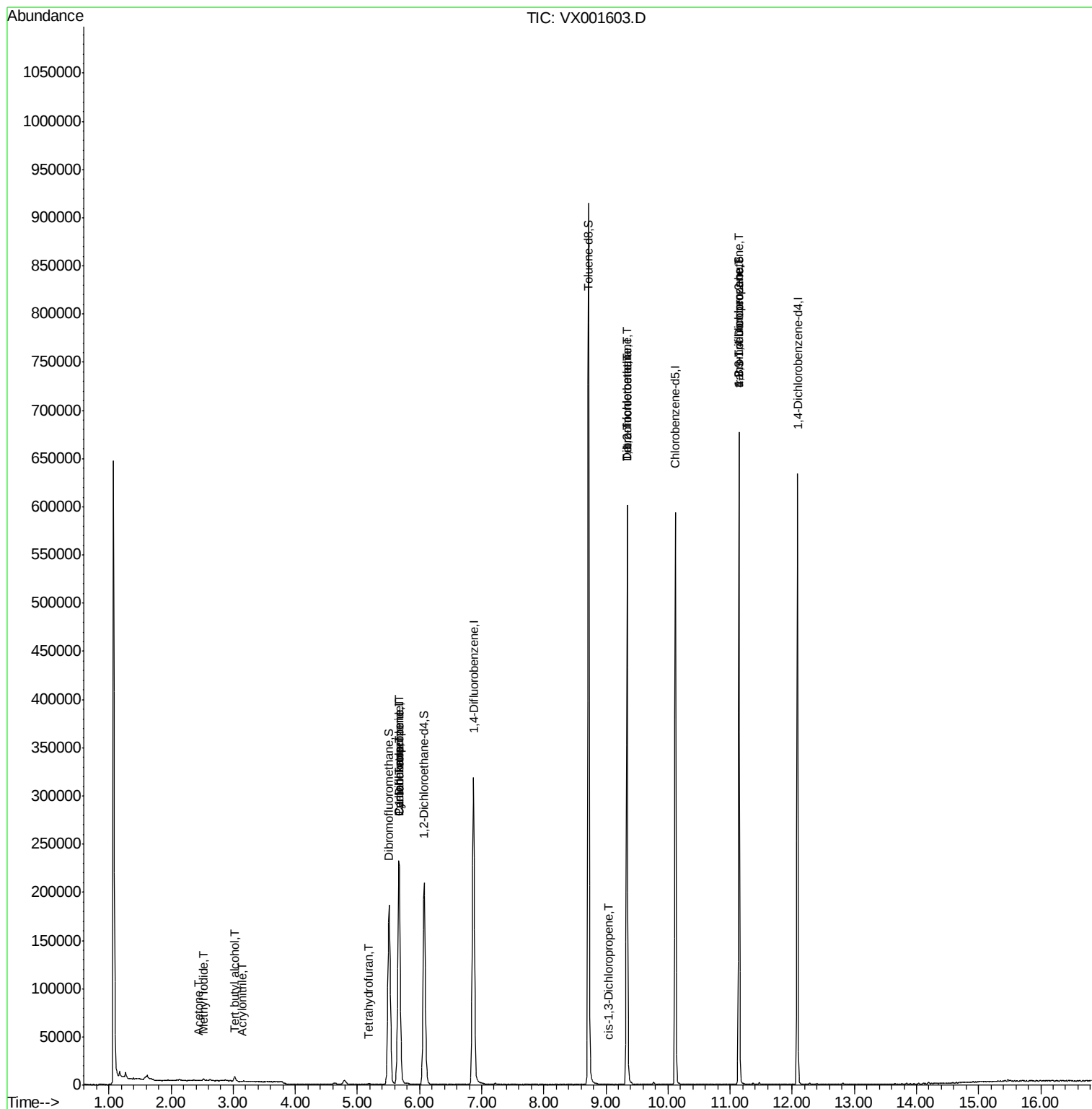
Quant Time: May 11 06:54:47 2018

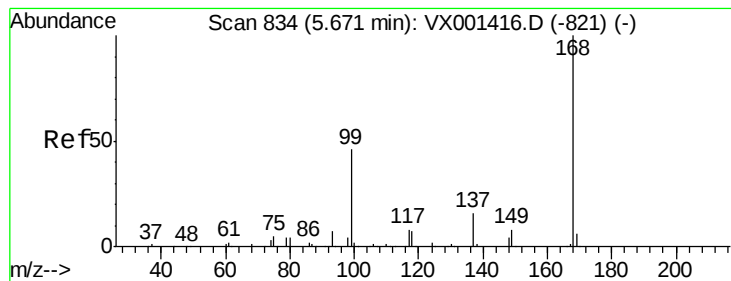
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

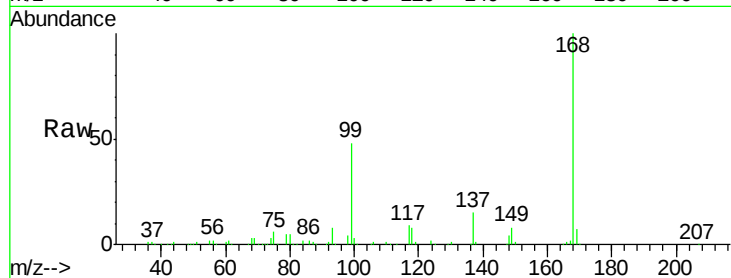
12R-9DL

Tgt Ion:168 Resp: 242483

Ion Ratio Lower Upper

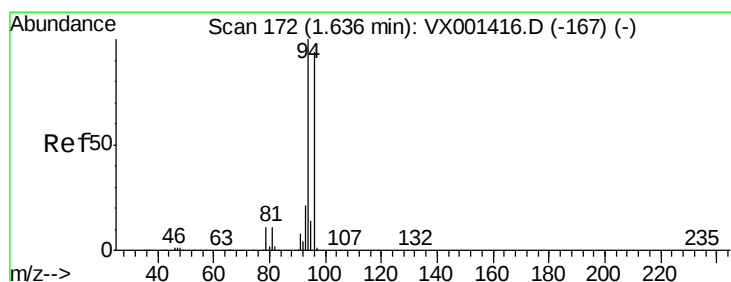
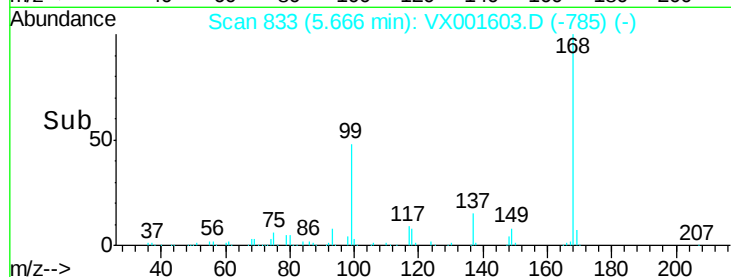
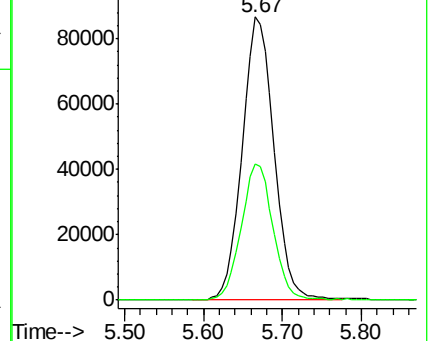
168 100

99 48.3 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001603.D

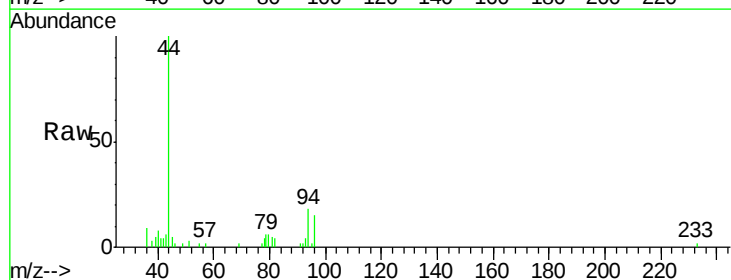
Acq: 10 May 2018 15:53

Tgt Ion: 94 Resp: 1214

Ion Ratio Lower Upper

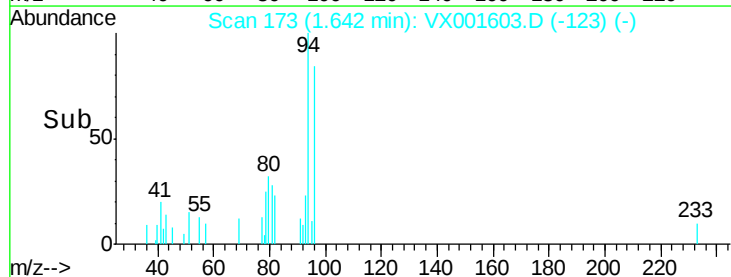
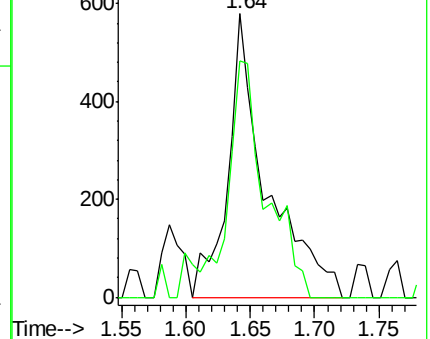
94 100

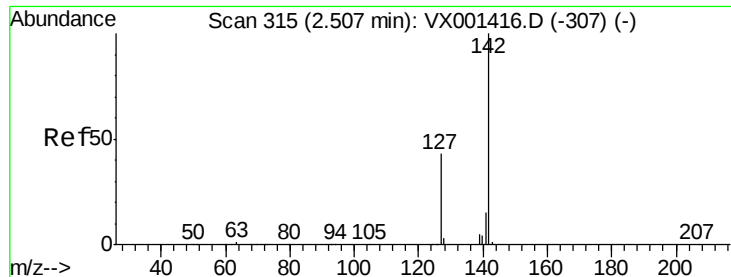
96 83.6 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

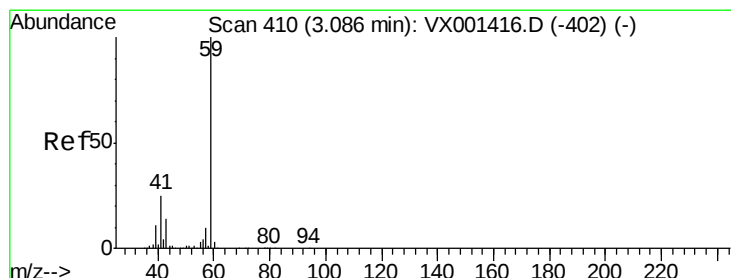
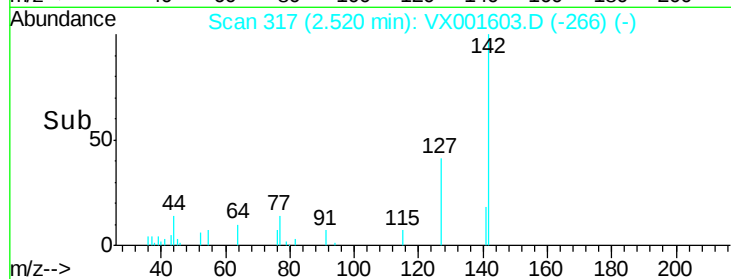
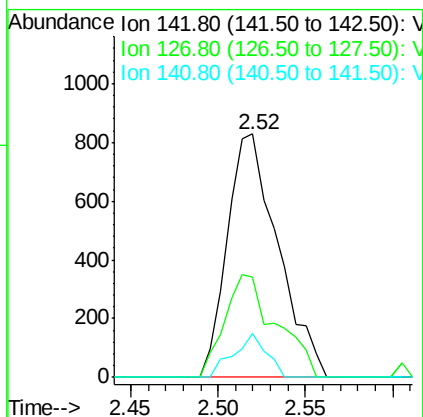
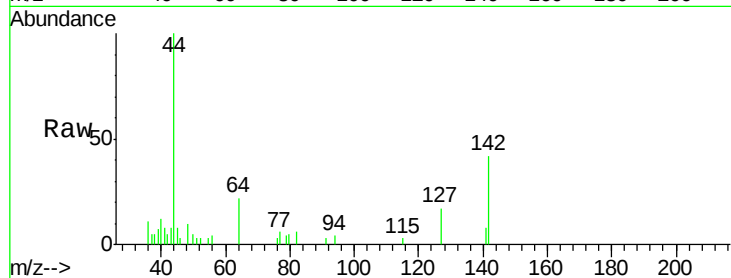




#10
Methyl Iodide
Concen: 0.39 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001603.D
Acq: 10 May 2018 15:53

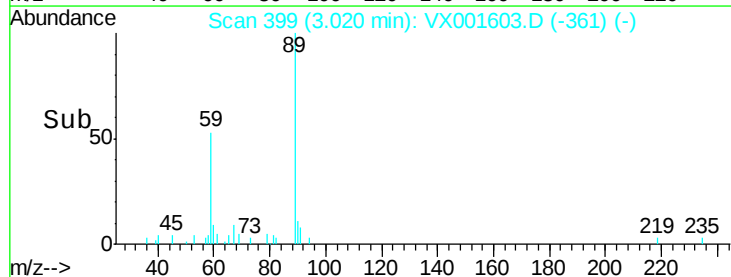
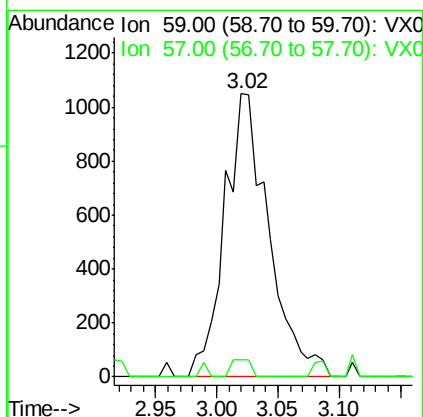
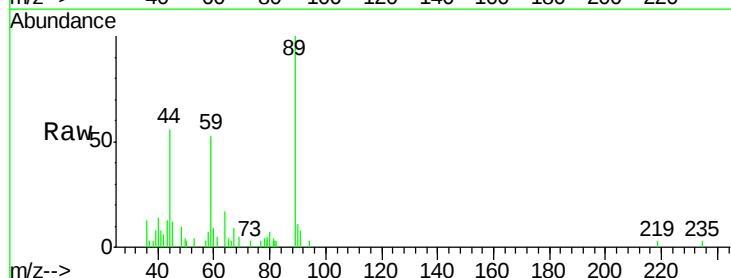
Instrument :
MSVOA_X
ClientSampled :
12R-9DL

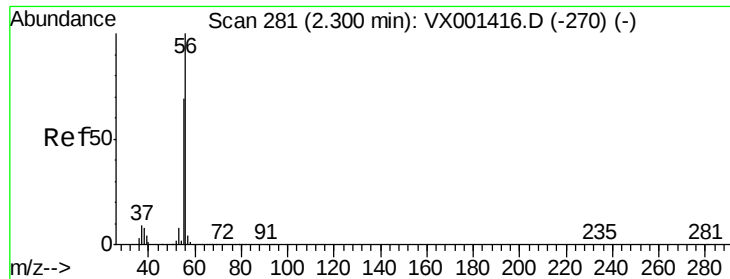
Tgt Ion: 142 Resp: 1668
Ion Ratio Lower Upper
142 100
127 42.8 33.6 50.4
141 11.6 11.4 17.2



#11
Tert butyl alcohol
Concen: 3.59 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.07 min
Lab File: VX001603.D
Acq: 10 May 2018 15:53

Tgt Ion: 59 Resp: 2636
Ion Ratio Lower Upper
59 100
57 2.7 8.2 12.4#





#13

Acrolein

Concen: Below Cal

RT: 2.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

Instrument :

MSVOA_X

ClientSampled :

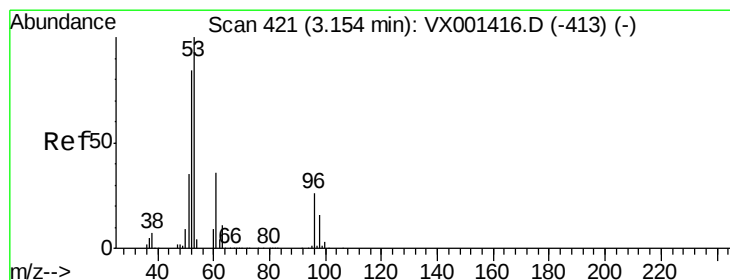
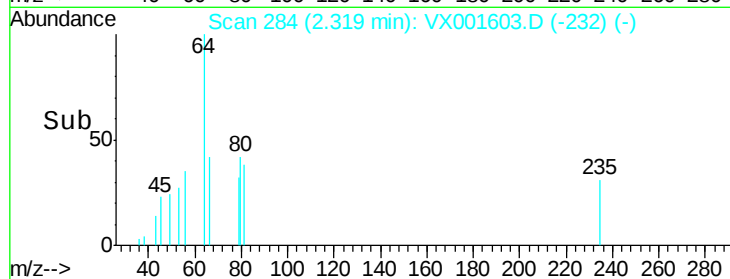
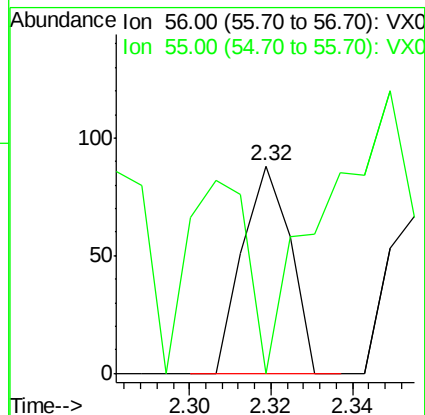
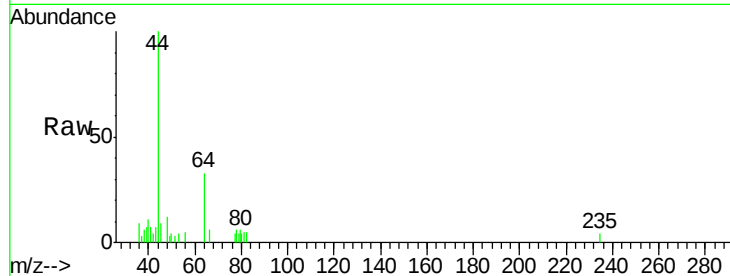
12R-9DL

Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 113.9 54.5 81.7#



#15

Acrylonitrile

Concen: 0.21 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

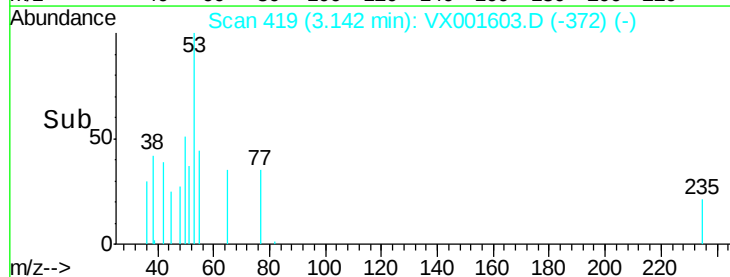
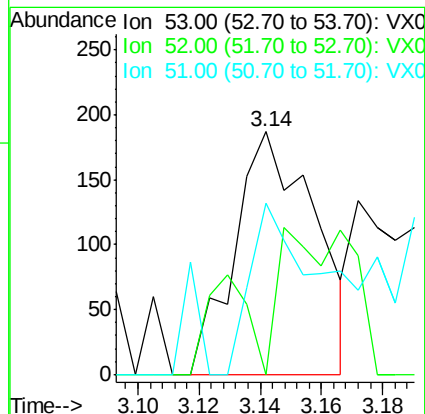
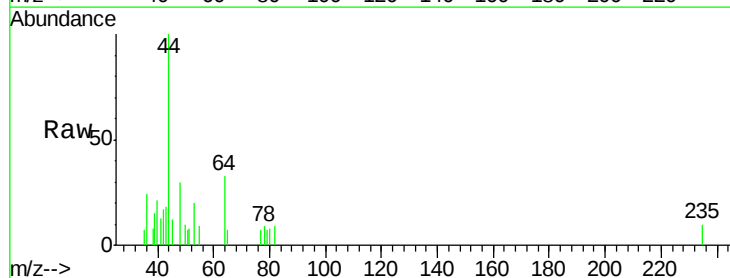
Tgt Ion: 53 Resp: 342

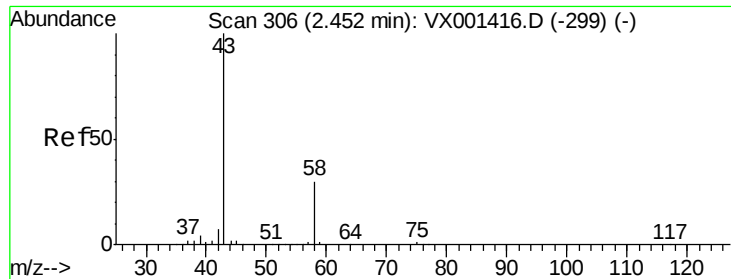
Ion Ratio Lower Upper

53 100

52 53.2 66.2 99.2#

51 64.3 28.6 43.0#





#16

Acetone

Concen: 0.64 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

Instrument :

MSVOA_X

ClientSampled :

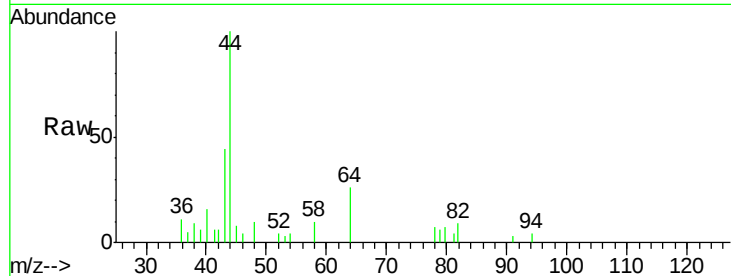
12R-9DL

Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

58 27.3 23.8 35.8

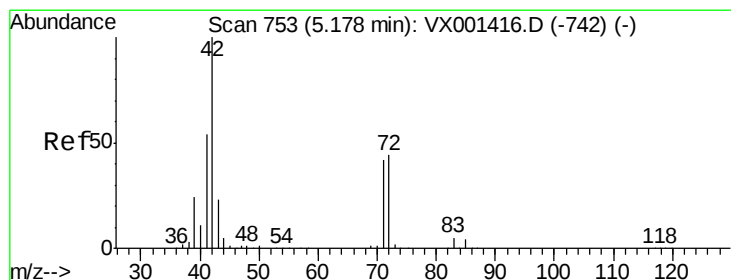
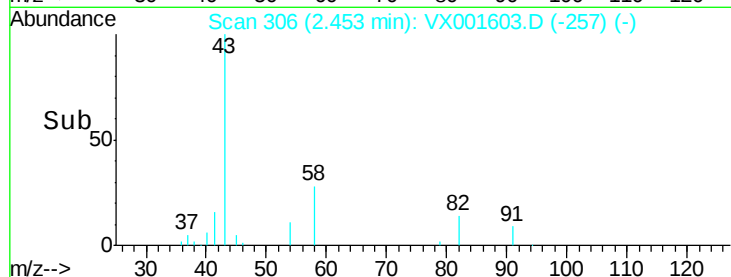


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->

2.40 2.45 2.50



#29

Tetrahydrofuran

Concen: 0.33 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

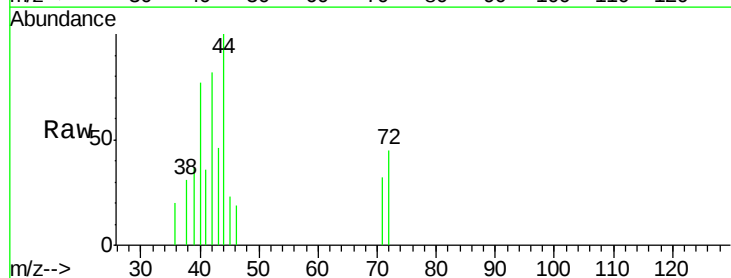
Tgt Ion: 42 Resp: 478

Ion Ratio Lower Upper

42 100

72 22.0 35.4 53.2#

71 48.7 33.0 49.4



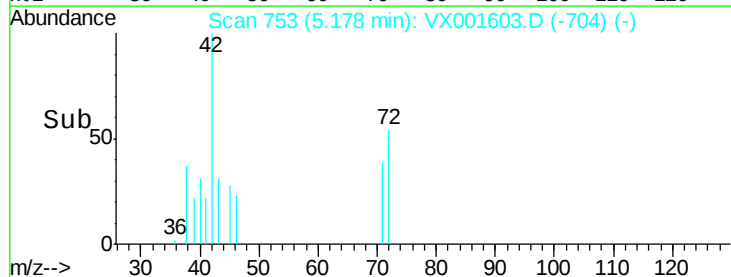
Abundance Ion 42.00 (41.70 to 42.70): VX0

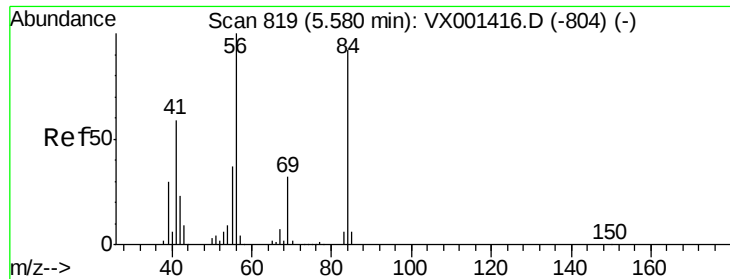
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

Time-->

5.15 5.20

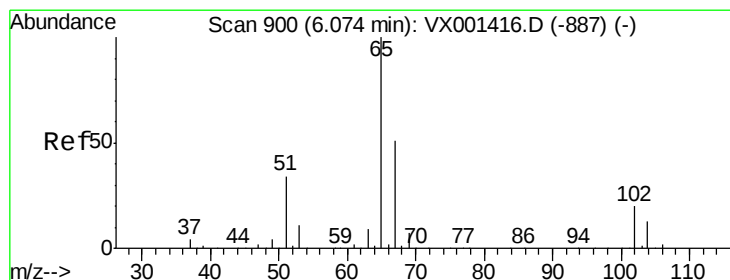
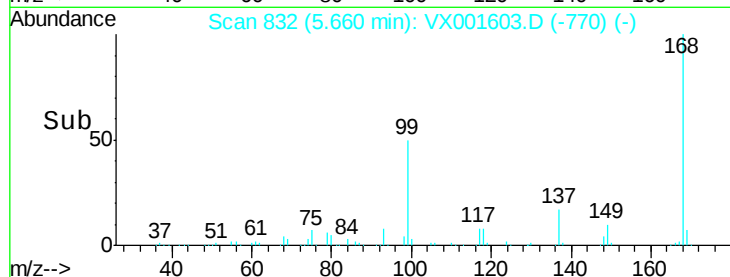
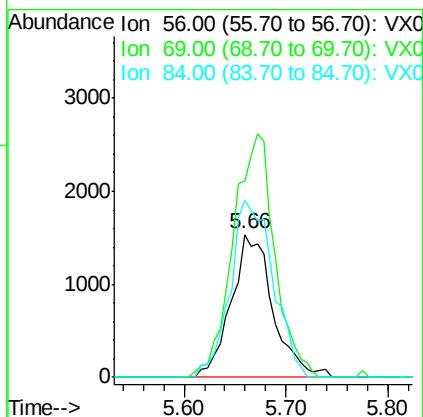
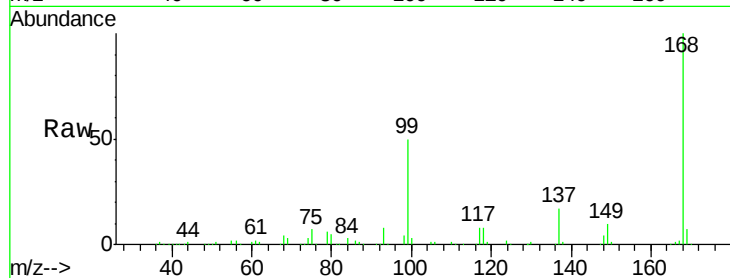




#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX001603.D
Acq: 10 May 2018 15:53

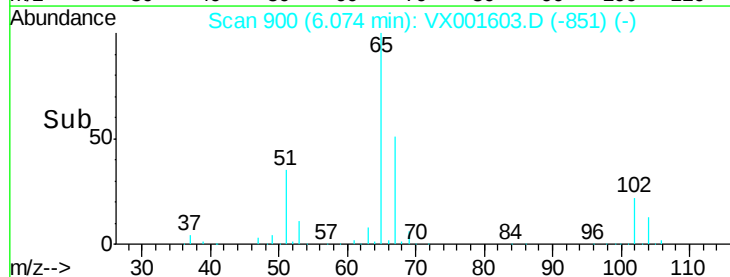
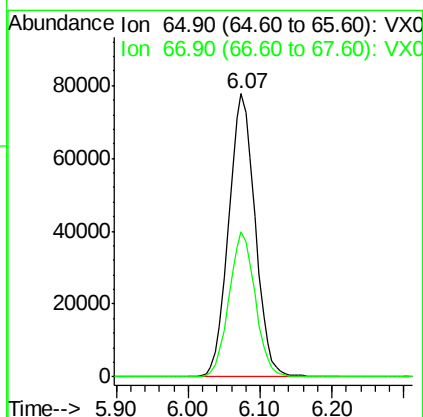
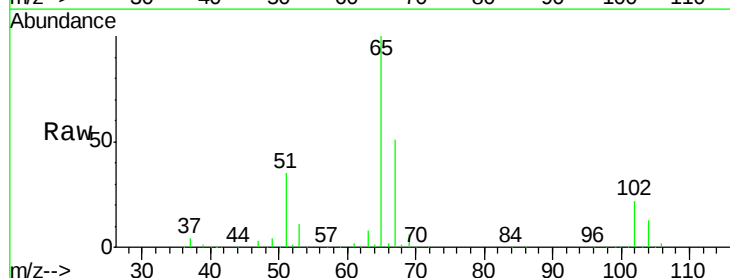
Instrument :
MSVOA_X
ClientSampled :
12R-9DL

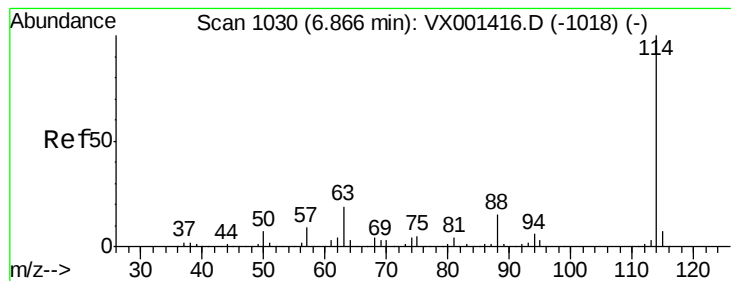
Tgt Ion: 56 Resp: 4347
Ion Ratio Lower Upper
56 100
69 137.3 25.4 38.0#
84 124.3 73.8 110.8#



#33
1,2-Dichloroethane-d4
Concen: 57.04 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001603.D
Acq: 10 May 2018 15:53

Tgt Ion: 65 Resp: 198796
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

12R-9DL

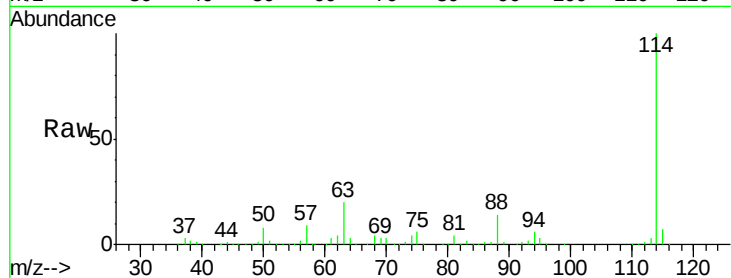
Tgt Ion:114 Resp: 329299

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.6

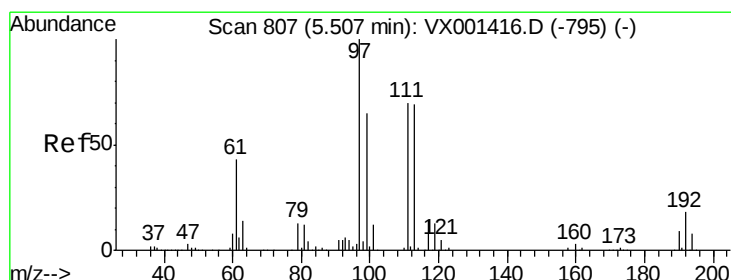
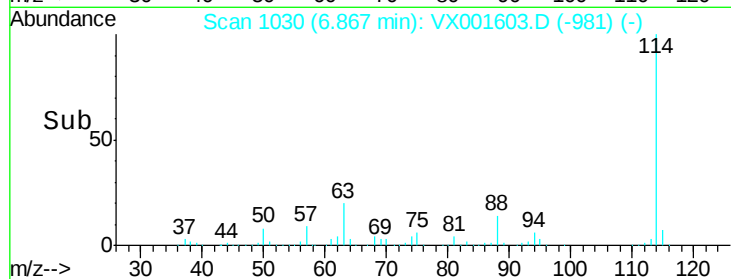
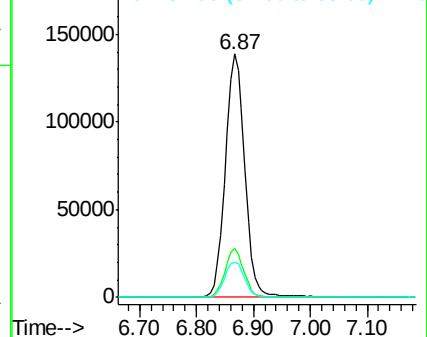
88 14.5 0.0 30.8



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: 52.47 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

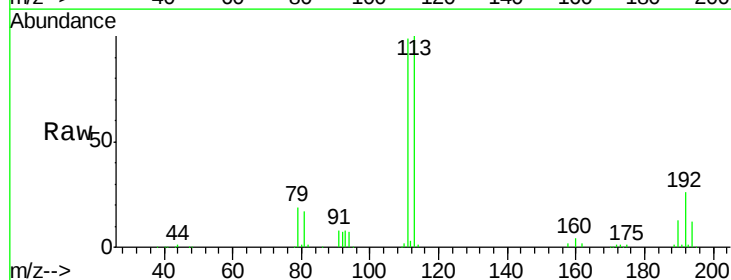
Tgt Ion:113 Resp: 153700

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

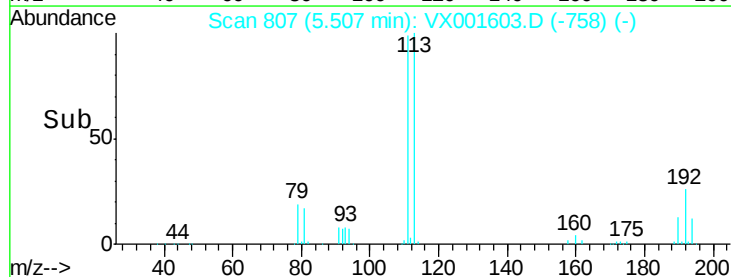
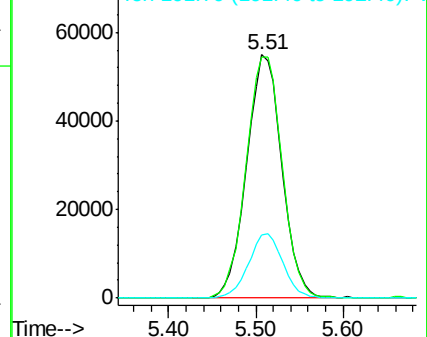
192 26.0 21.4 32.0

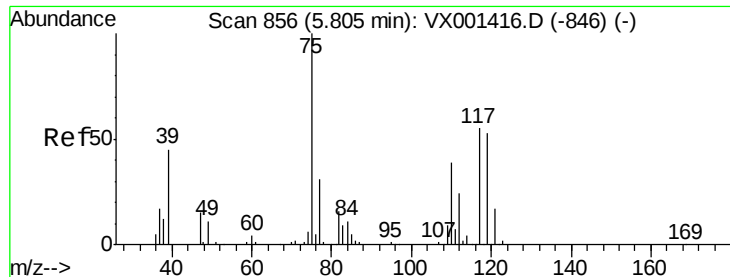


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

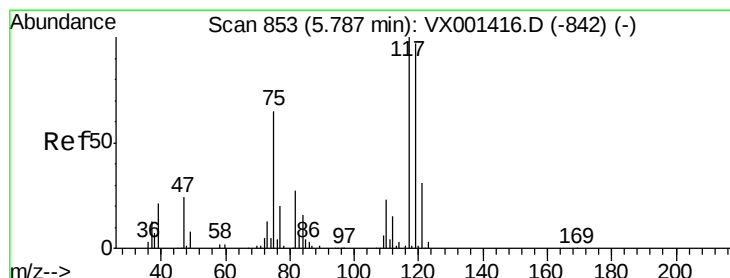
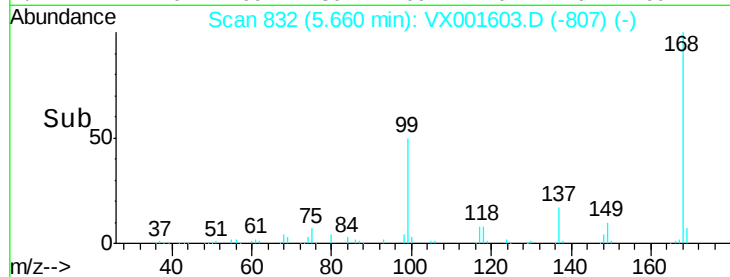
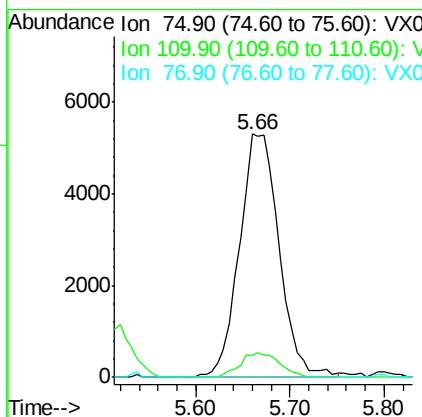
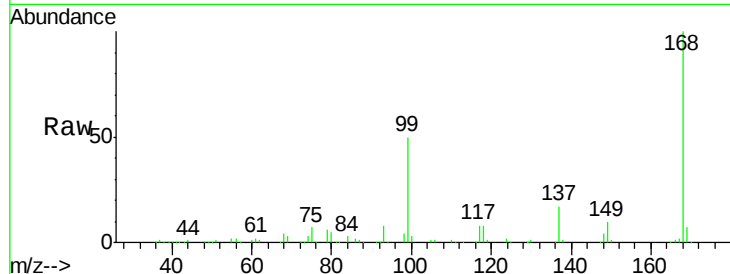




#36
 1,1-Dichloropropene
 Concen: 3.72 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX001603.D
 Acq: 10 May 2018 15:53

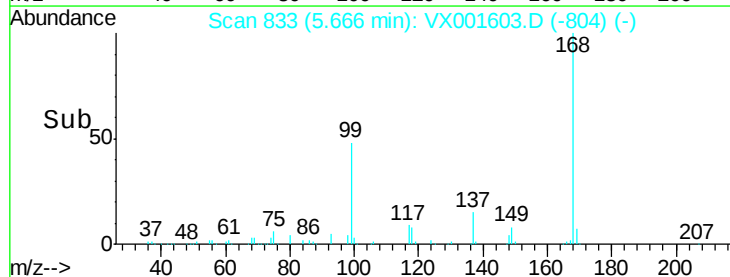
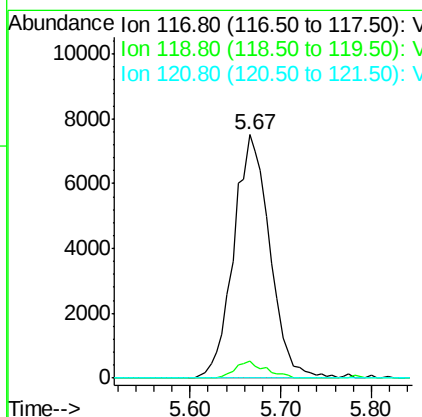
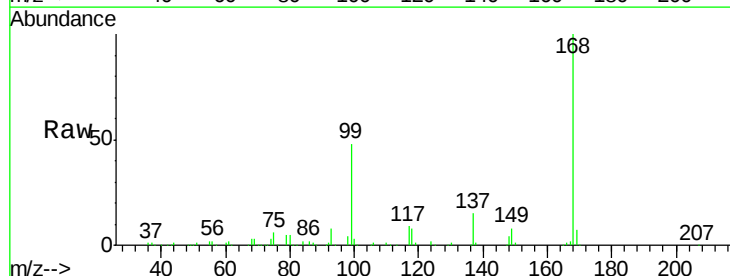
Instrument :
 MSVOA_X
 ClientSampleId :
 12R-9DL

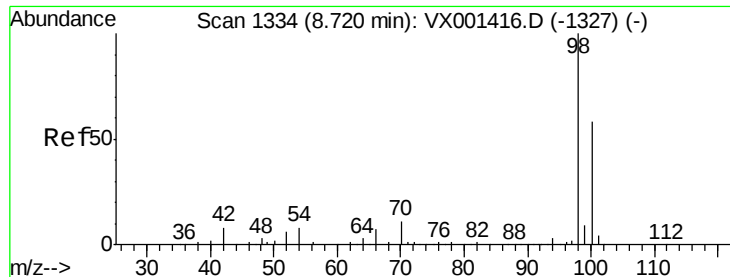
Tgt Ion: 75 Resp: 15566
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.9 56.7#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.64 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001603.D
 Acq: 10 May 2018 15:53

Tgt Ion: 117 Resp: 20722
 Ion Ratio Lower Upper
 117 100
 119 6.8 77.0 115.6#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 49.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

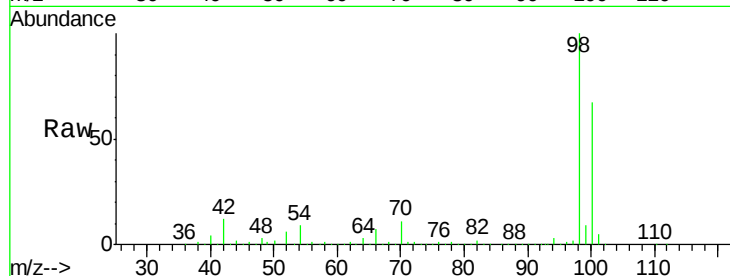
12R-9DL

Tgt Ion: 98 Resp: 532405

Ion Ratio Lower Upper

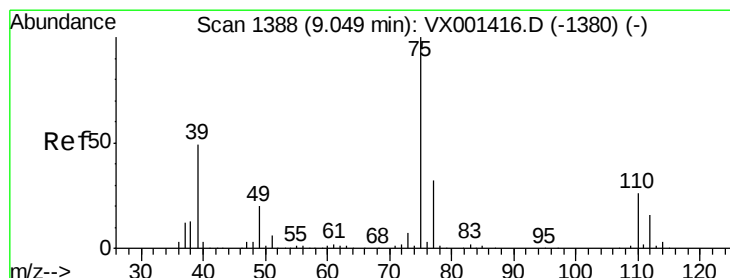
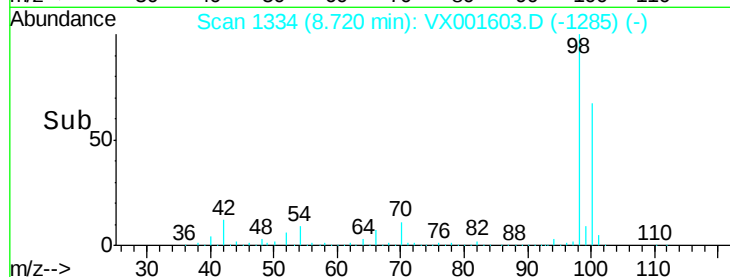
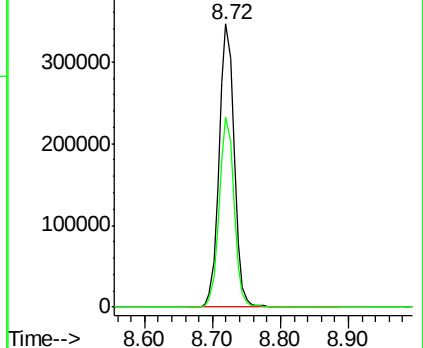
98 100

100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 2.27 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

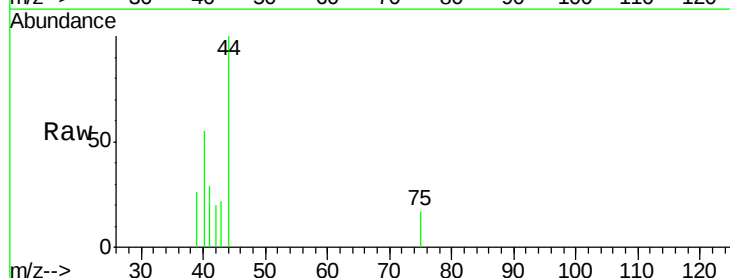
Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

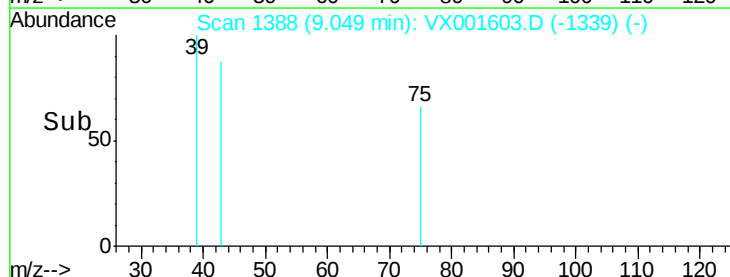
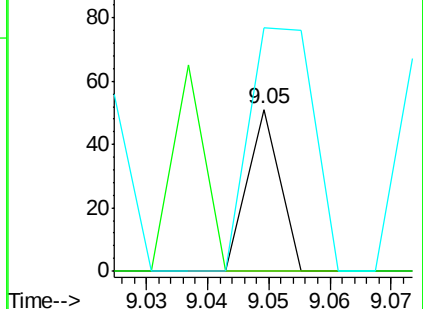
39 151.0 38.9 58.3#

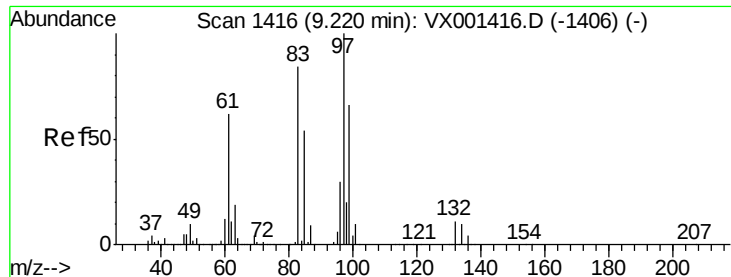


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

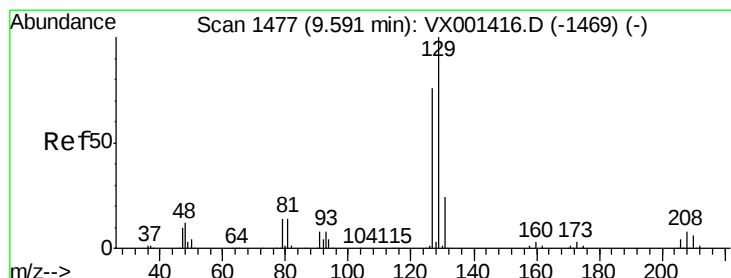
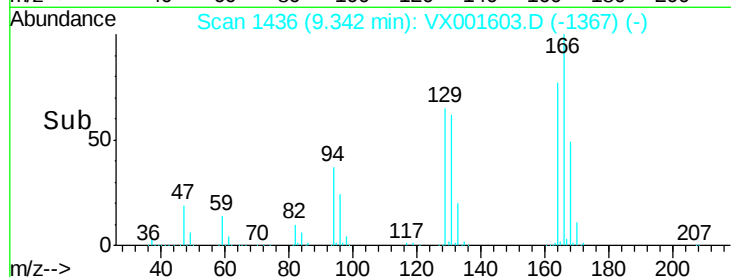
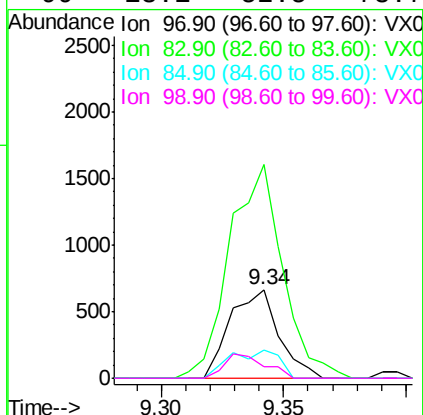
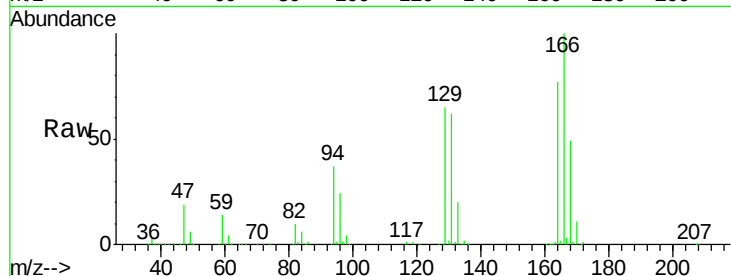




#55
 1,1,2-Trichloroethane
 Concen: 0.29 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. 0.12 min
 Lab File: VX001603.D
 Acq: 10 May 2018 15:53

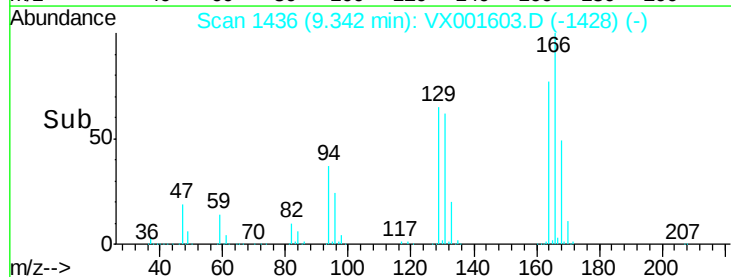
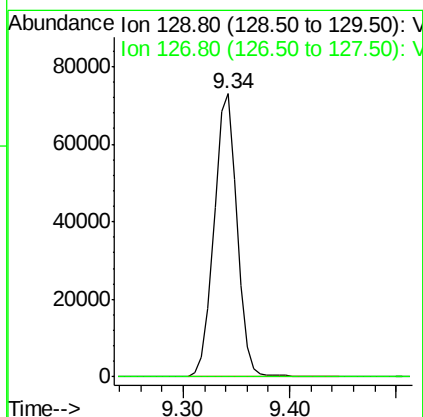
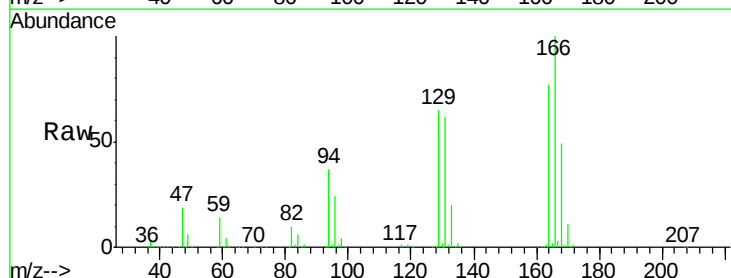
Instrument :
 MSVOA_X
 ClientSampleID :
 12R-9DL

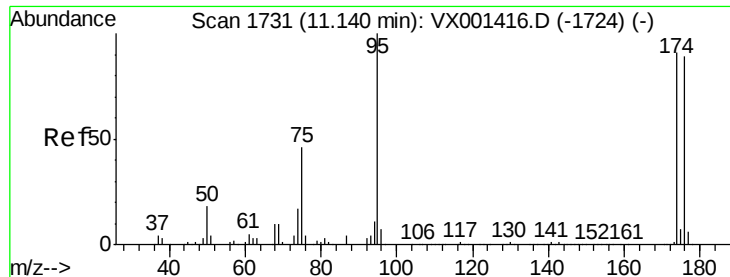
Tgt Ion: 97 Resp: 928
 Ion Ratio Lower Upper
 97 100
 83 233.5 67.4 101.0#
 85 32.5 43.3 64.9#
 99 13.1 52.5 78.7#



#60
 Dibromochloromethane
 Concen: 32.87 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: VX001603.D
 Acq: 10 May 2018 15:53

Tgt Ion: 129 Resp: 108486
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.5#

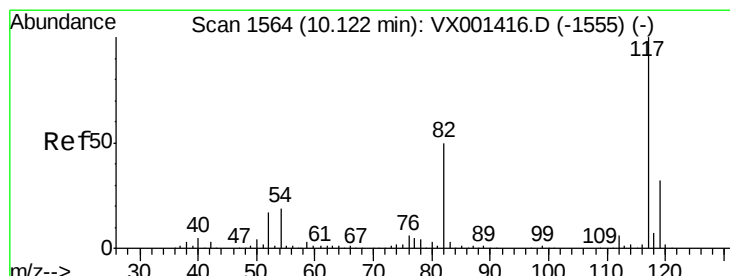
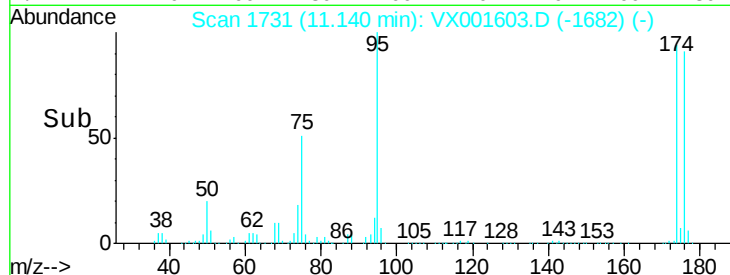
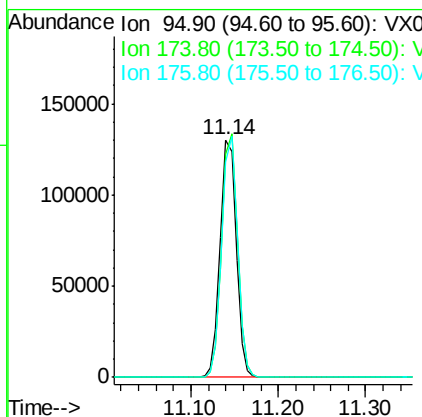
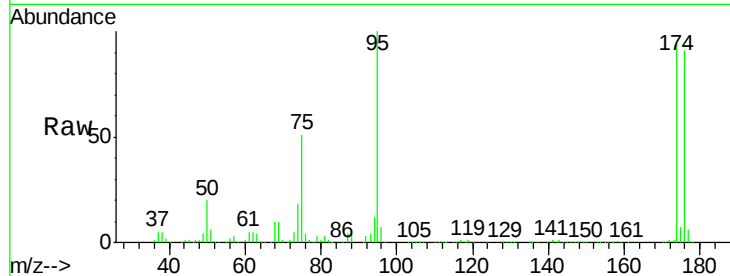




#62
4-Bromofluorobenzene
Concen: 40.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001603.D
Acq: 10 May 2018 15:53

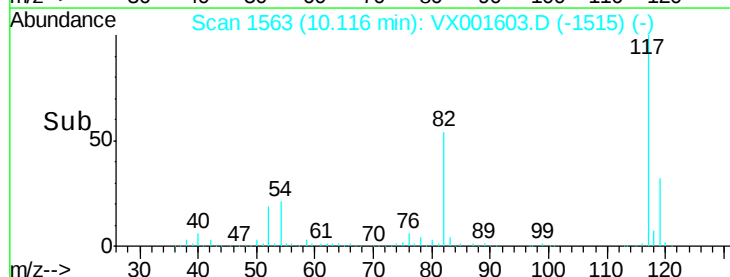
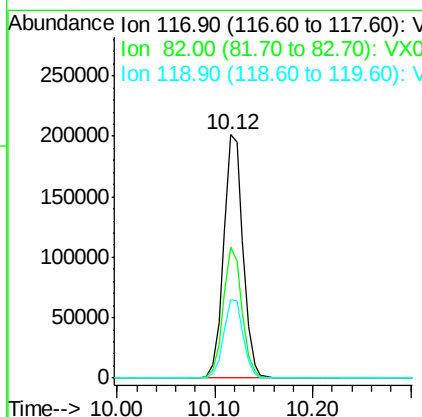
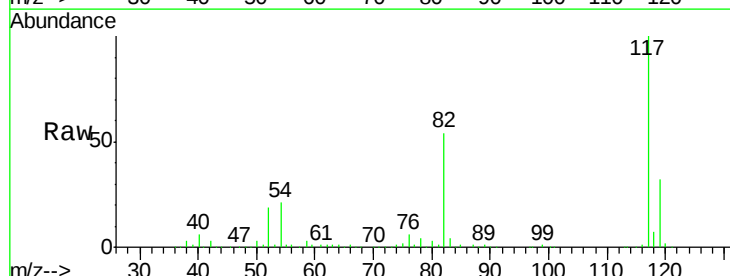
Instrument :
MSVOA_X
ClientSampleId :
12R-9DL

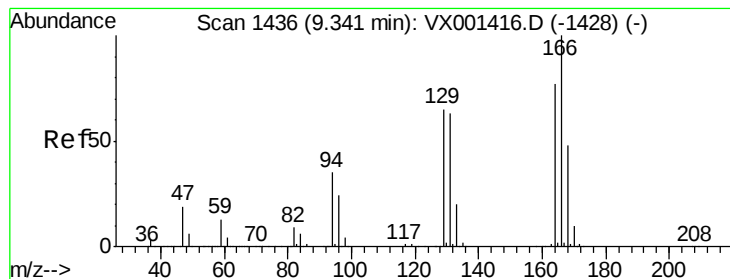
Tgt Ion: 95 Resp: 165598
Ion Ratio Lower Upper
95 100
174 100.2 0.0 202.0
176 99.5 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001603.D
Acq: 10 May 2018 15:53

Tgt Ion: 117 Resp: 274875
Ion Ratio Lower Upper
117 100
82 53.6 40.0 60.0
119 32.2 25.8 38.8





#64

Tetrachloroethene

Concen: 33.65 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
12R-9DL

Tgt Ion:164 Resp: 128914

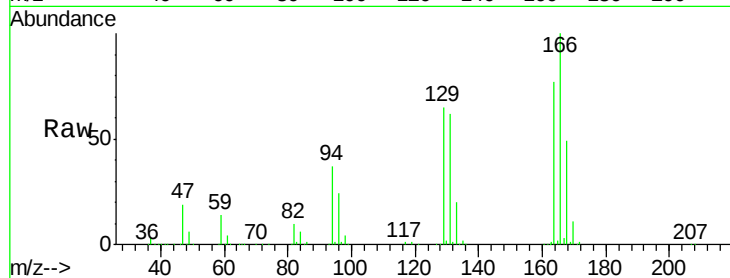
Ion Ratio Lower Upper

164 100

166 129.3 103.5 155.3

129 83.5 66.7 100.1

131 80.1 64.9 97.3

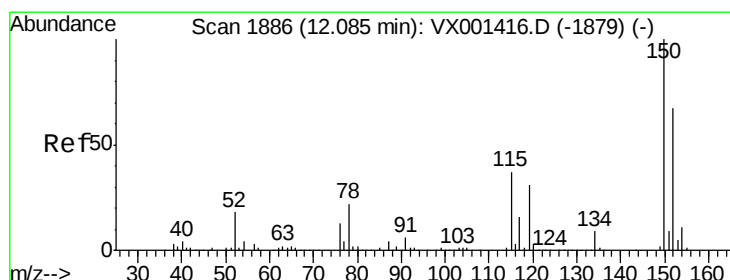
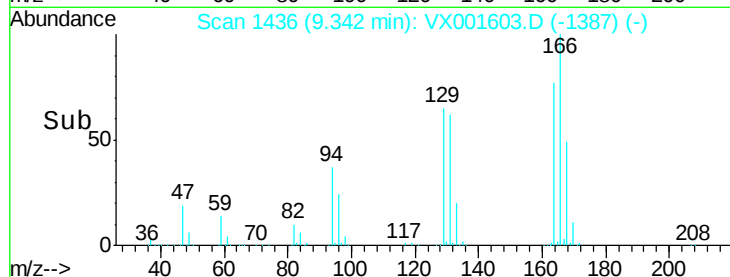
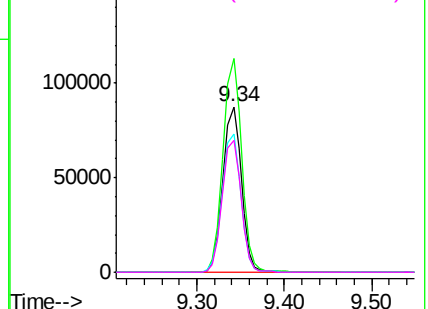


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001603.D

Acq: 10 May 2018 15:53

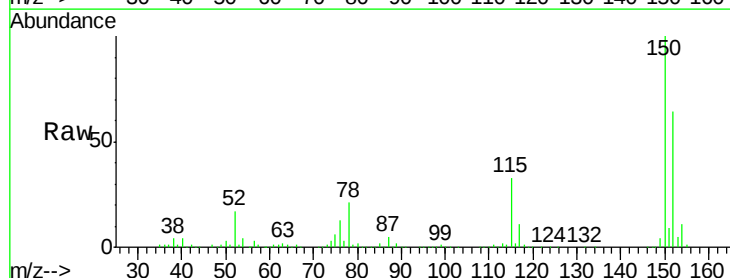
Tgt Ion:152 Resp: 135181

Ion Ratio Lower Upper

152 100

115 52.6 37.7 113.1

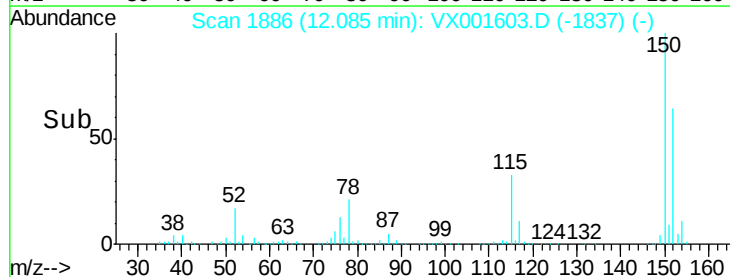
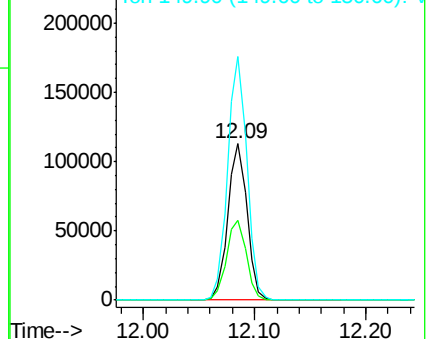
150 155.9 0.0 349.4

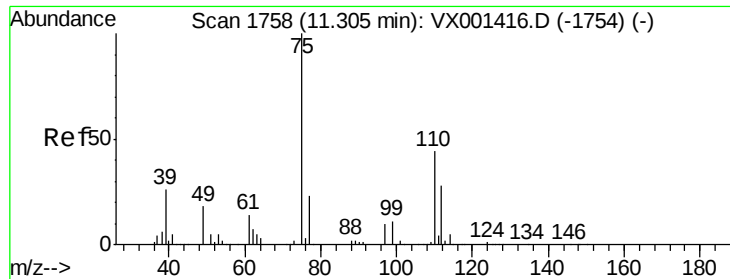


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

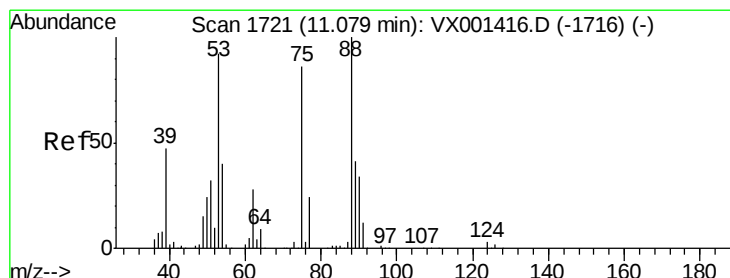
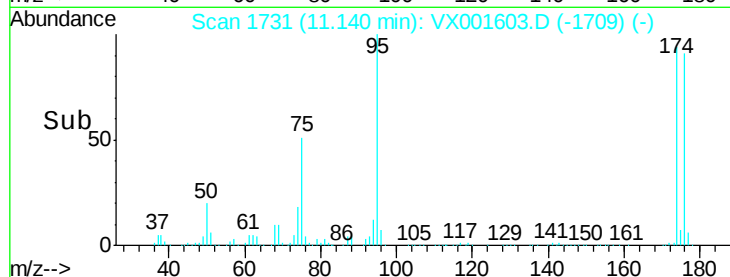
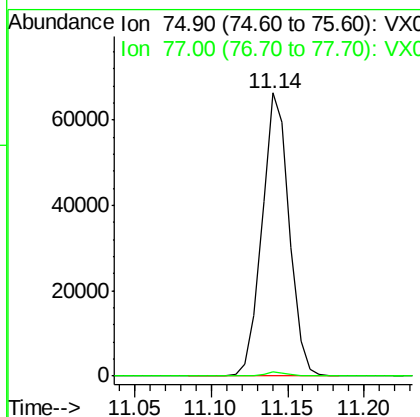
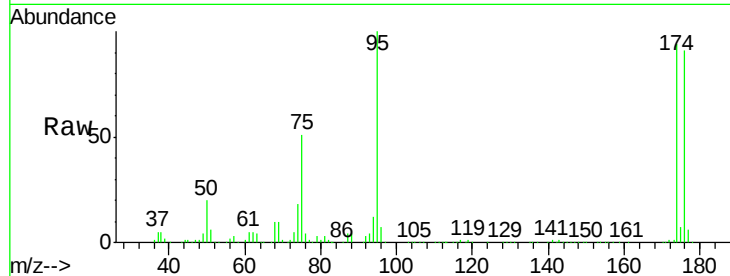




#76
 1,2,3-Trichloropropane
 Concen: 30.02 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001603.D
 Acq: 10 May 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleID :
 12R-9DL

Tgt Ion: 75 Resp: 82307
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.80 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001603.D
 Acq: 10 May 2018 15:53

Tgt Ion: 75 Resp: 82307
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

