

Data File : VX001230.D
Acq On : 28 Apr 2018 23:12
Operator : JC/MD
Sample : VX0428WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL02

Quant Time: Apr 30 01:39:08 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	249378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	136307	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	139077	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	5.51	113	111495	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
50) Toluene-d8	8.72	98	422007	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
62) 4-Bromofluorobenzene	11.14	95	147022	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

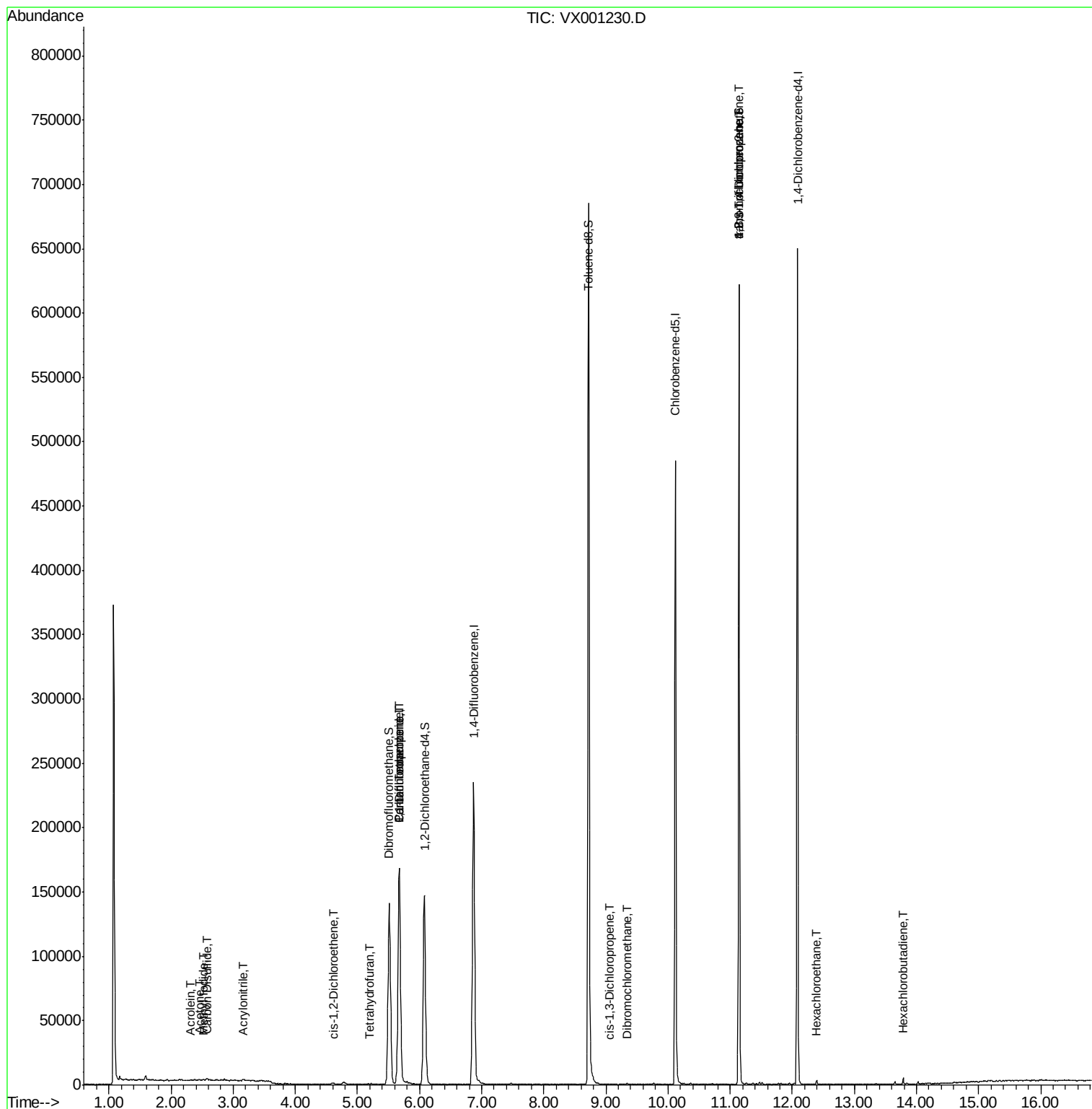
Target Compounds			Qvalue			
5) Bromomethane	1.65	94	560	Below Cal	#	74
10) Methyl Iodide	2.52	142	495	7.46	ug/l	# 77
13) Acrolein	2.31	56	111	0.53	ug/l	# 14
15) Acrylonitrile	3.15	53	521	0.44	ug/l	# 81
16) Acetone	2.45	43	601	0.52	ug/l	93
17) Carbon Disulfide	2.57	76	1092	0.23	ug/l	# 58
27) cis-1,2-Dichloroethene	4.62	96	689	0.31	ug/l	71
29) Tetrahydrofuran	5.19	42	315	0.28	ug/l	# 71
36) 1,1-Dichloropropene	5.68	75	11621	4.23	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	15887	5.64	ug/l	# 17
54) cis-1,3-Dichloropropene	9.05	75	46	3.20	ug/l	# 32
60) Dibromochloromethane	9.35	129	132	3.39	ug/l	# 11
76) 1,2,3-Trichloropropane	11.14	75	76531	27.57	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	76531	83.78	ug/l	# 6
90) Hexachloroethane	12.39	117	24	3.39	ug/l	# 1
94) Hexachlorobutadiene	13.79	225	752	0.43	ug/l	94

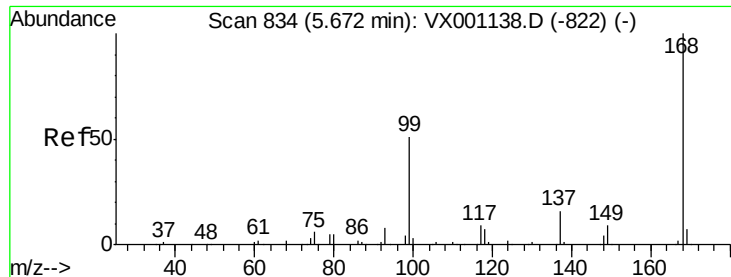
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001230.D

Acq: 28 Apr 2018 23:12

Instrument :

MSVOA_X

ClientSampleId :

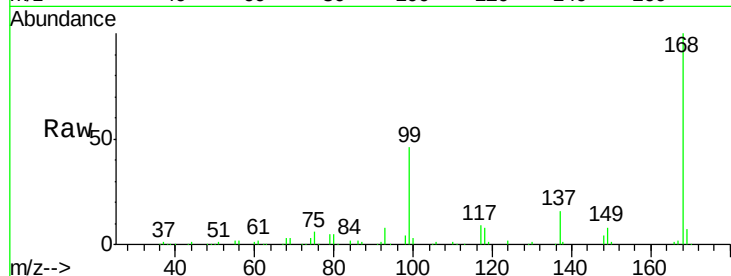
VX0428WBL02

Tgt Ion: 168 Resp: 181650

Ion Ratio Lower Upper

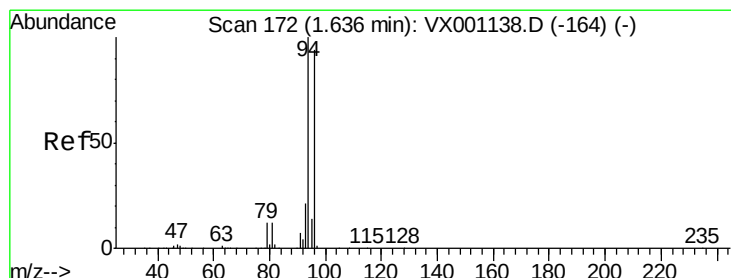
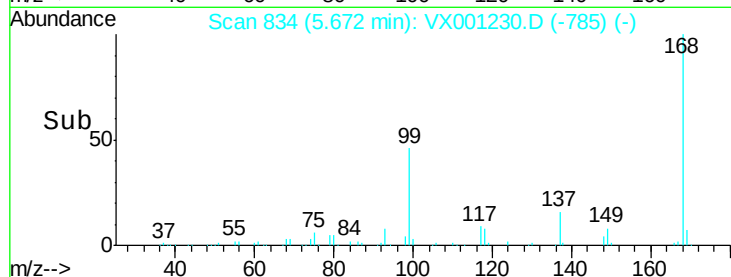
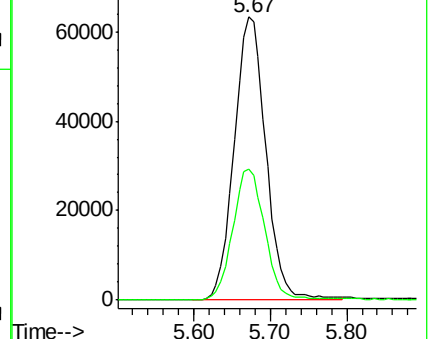
168 100

99 46.1 40.6 60.8



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: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001230.D

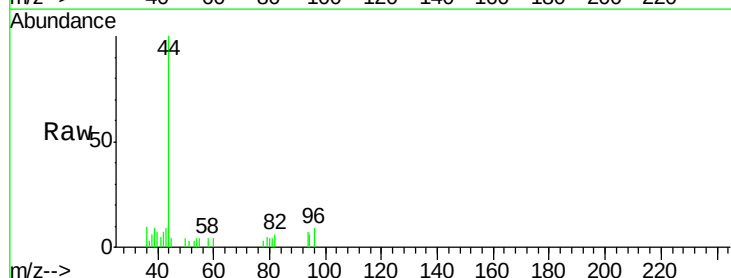
Acq: 28 Apr 2018 23:12

Tgt Ion: 94 Resp: 560

Ion Ratio Lower Upper

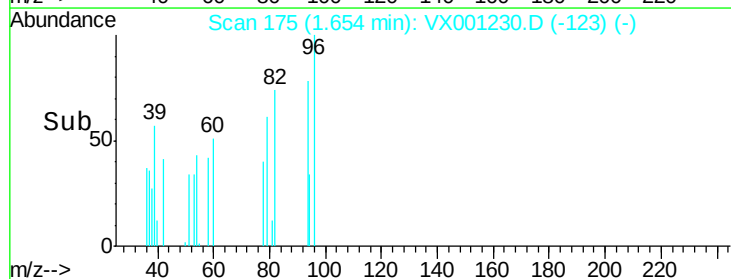
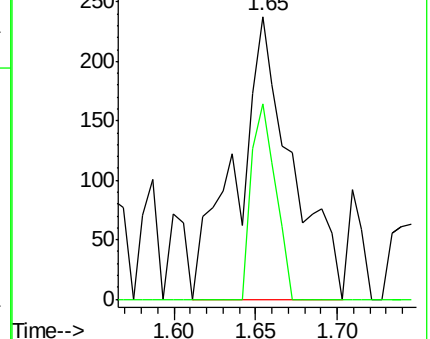
94 100

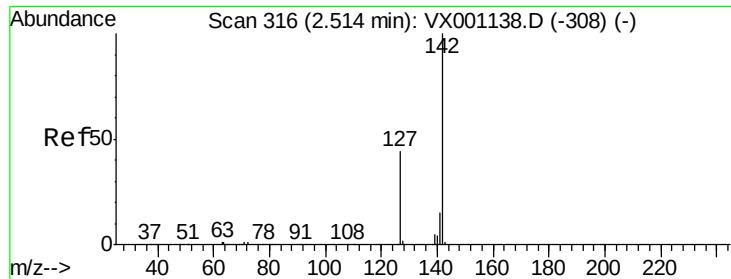
96 68.9 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

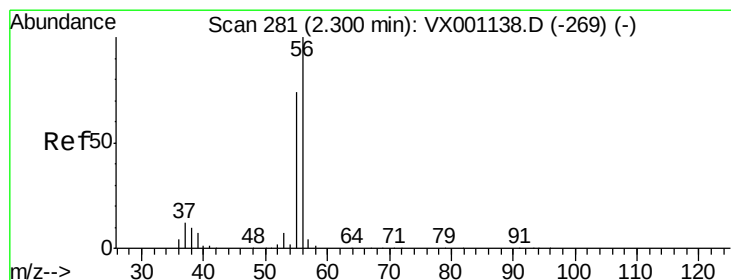
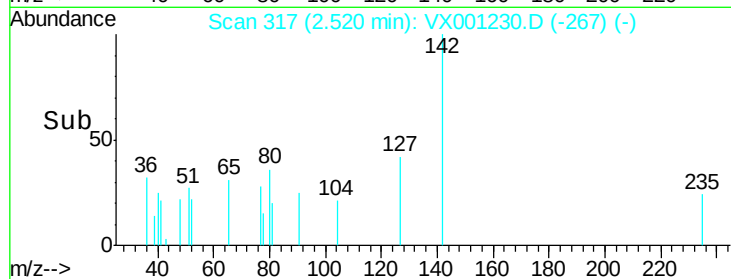
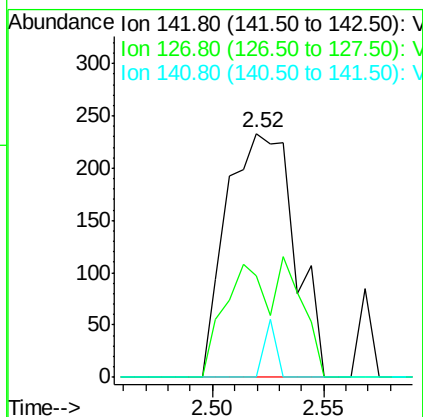
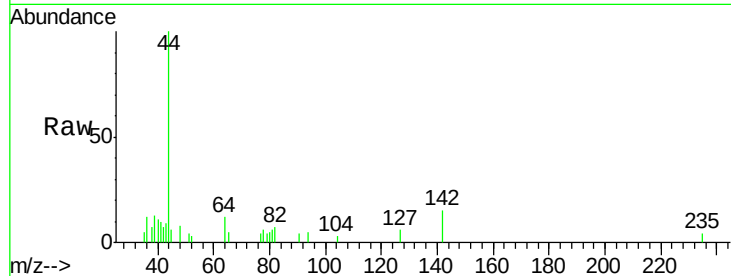




#10
Methyl Iodide
Concen: 7.46 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001230.D
Acq: 28 Apr 2018 23:12

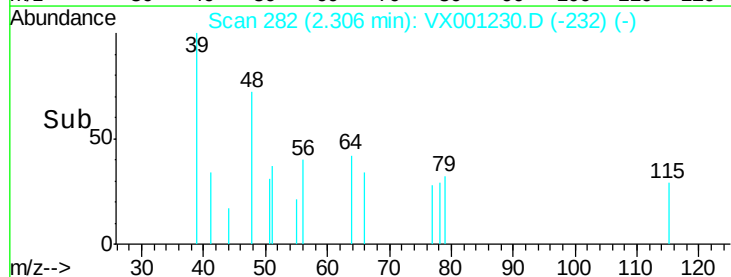
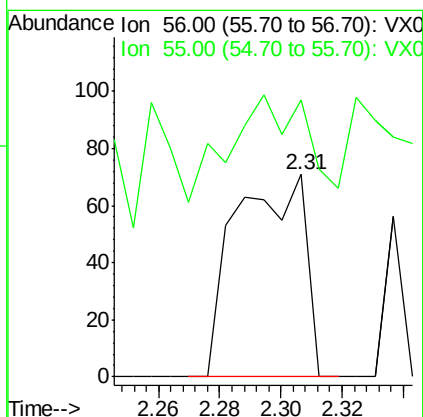
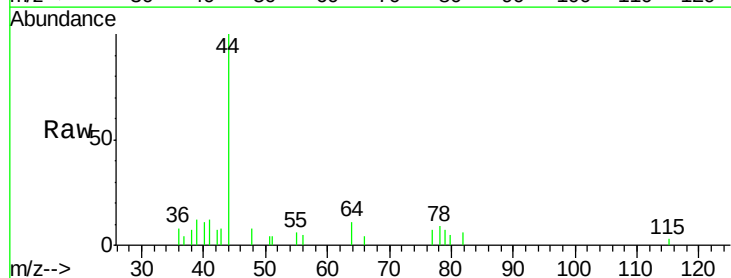
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL02

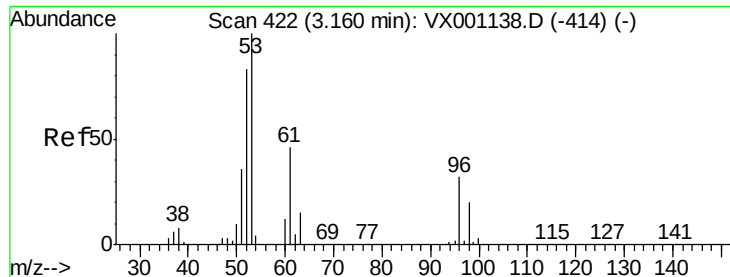
Tgt Ion: 142 Resp: 495
Ion Ratio Lower Upper
142 100
127 29.1 34.7 52.1#
141 4.0 11.6 17.4#



#13
Acrolein
Concen: 0.53 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX001230.D
Acq: 28 Apr 2018 23:12

Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#





#15

Acrylonitrile

Concen: 0.44 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001230.D

Acq: 28 Apr 2018 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBL02

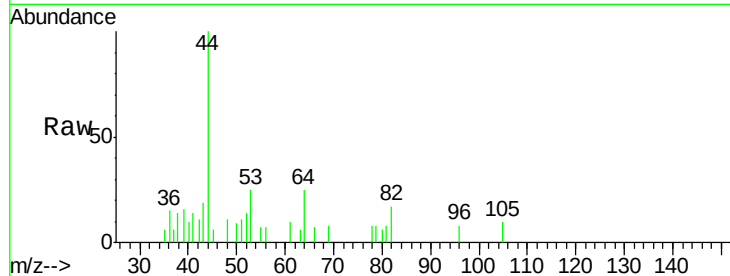
Tgt Ion: 53 Resp: 521

Ion Ratio Lower Upper

53 100

52 63.5 66.5 99.7#

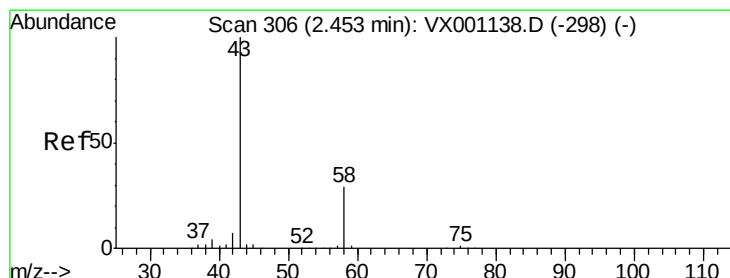
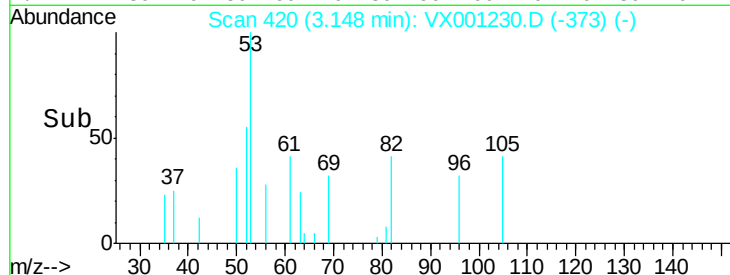
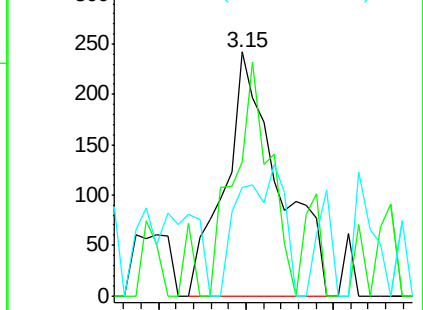
51 44.0 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.52 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001230.D

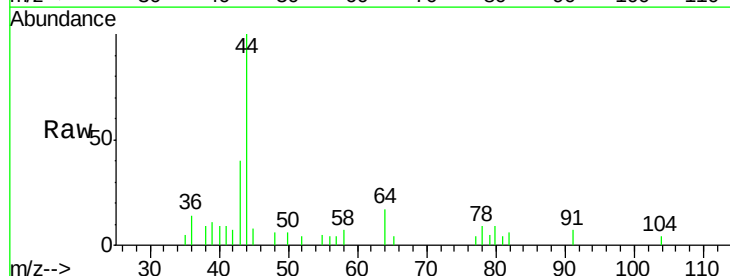
Acq: 28 Apr 2018 23:12

Tgt Ion: 43 Resp: 601

Ion Ratio Lower Upper

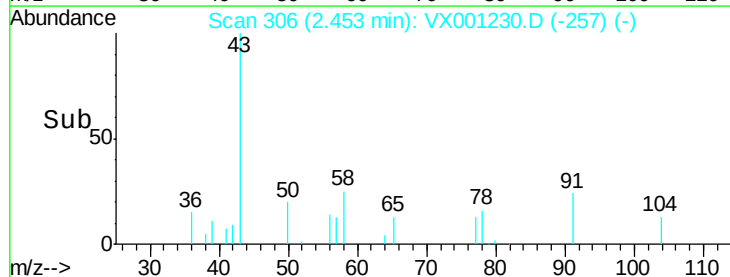
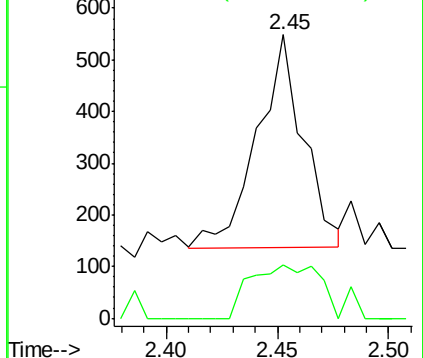
43 100

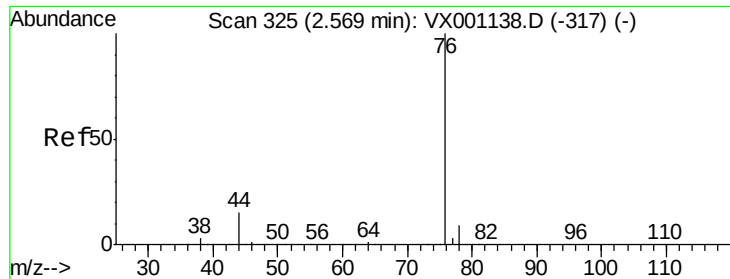
58 24.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001230.D

Acq: 28 Apr 2018 23:12

Instrument :

MSVOA_X

ClientSampleId :

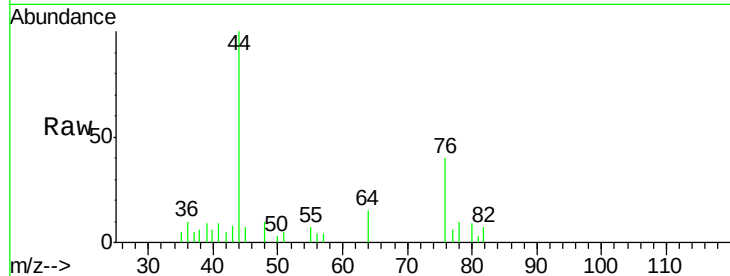
VX0428WBL02

Tgt Ion: 76 Resp: 1092

Ion Ratio Lower Upper

76 100

78 24.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

600

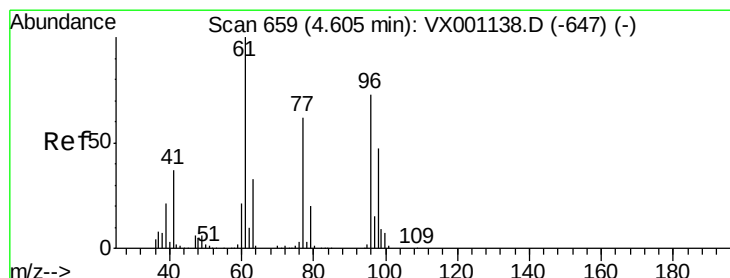
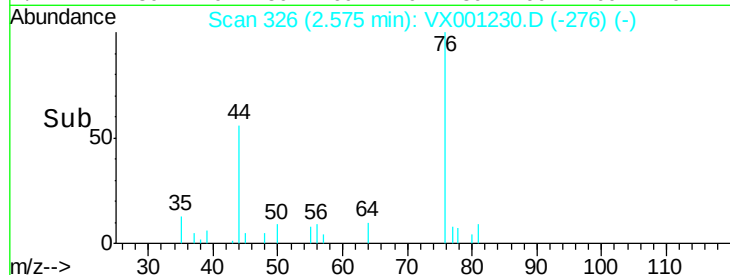
400

200

0

2.55 2.60

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.31 ug/l

RT: 4.62 min Scan# 661

Delta R.T. 0.01 min

Lab File: VX001230.D

Acq: 28 Apr 2018 23:12

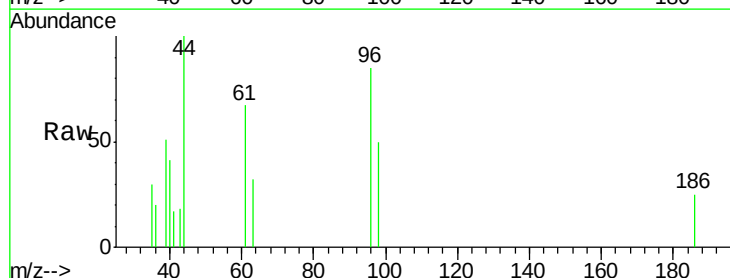
Tgt Ion: 96 Resp: 689

Ion Ratio Lower Upper

96 100

61 96.4 0.0 289.0

98 68.4 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.62

300

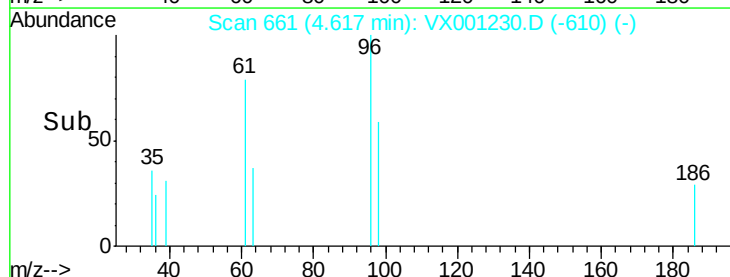
200

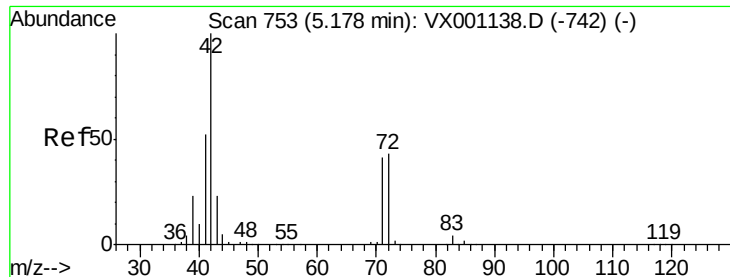
100

0

4.55 4.60 4.65

Time-->





#29

Tetrahydrofuran

Concen: 0.28 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX001230.D

Acq: 28 Apr 2018 23:12

Instrument :

MSVOA_X

ClientSampled :

VX0428WBL02

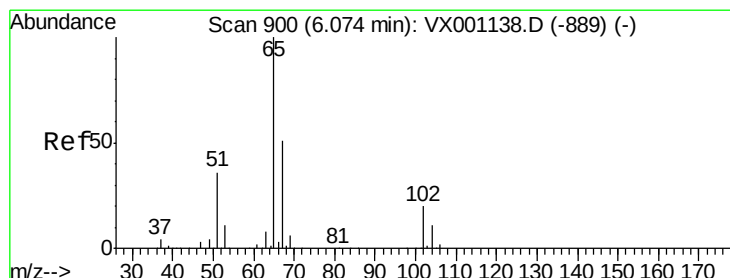
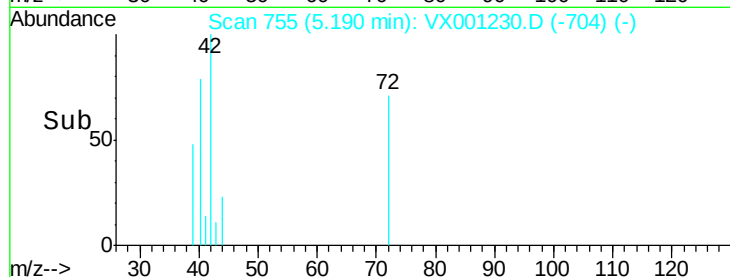
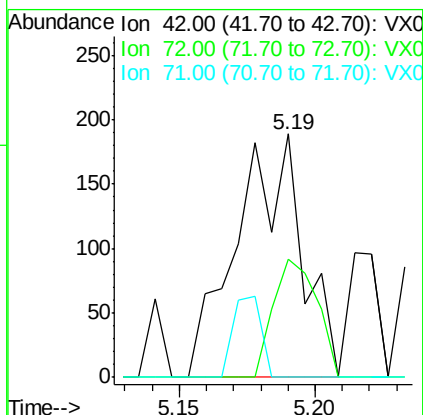
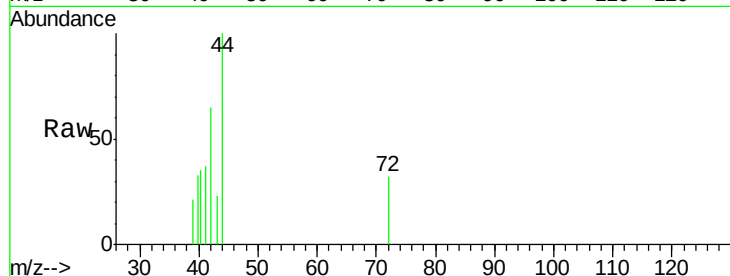
Tgt Ion: 42 Resp: 315

Ion Ratio Lower Upper

42 100

72 32.4 34.4 51.6#

71 14.3 32.1 48.1#



#33

1,2-Dichloroethane-d4

Concen: 49.39 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001230.D

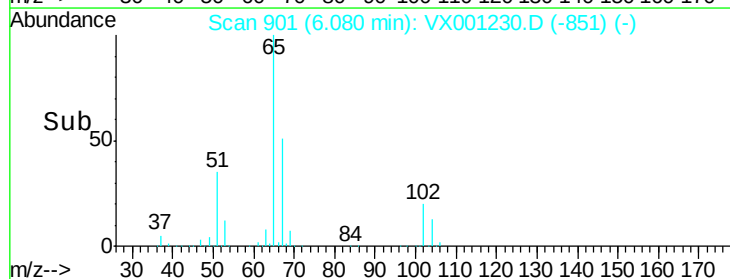
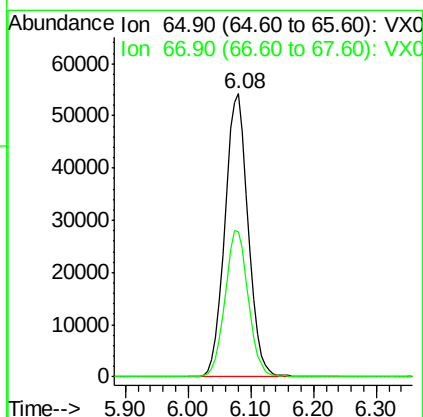
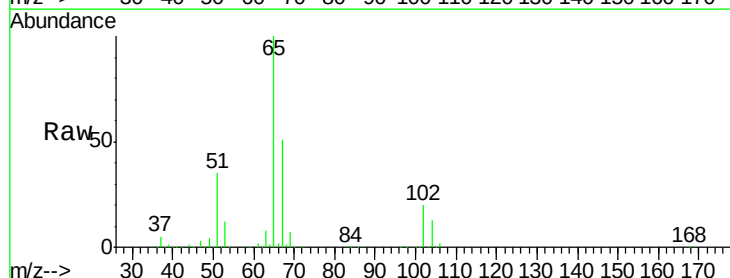
Acq: 28 Apr 2018 23:12

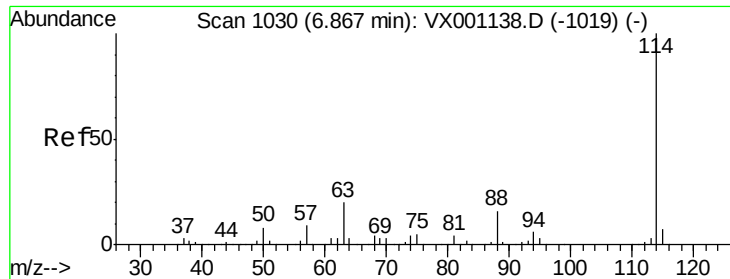
Tgt Ion: 65 Resp: 139077

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.2

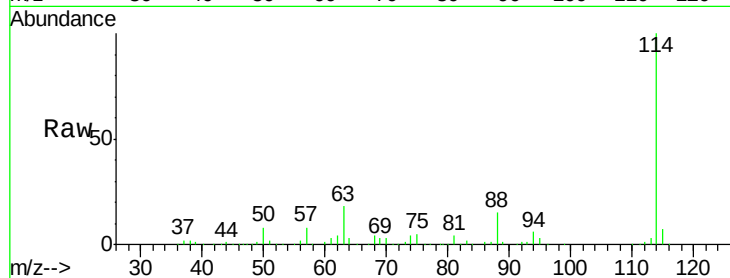




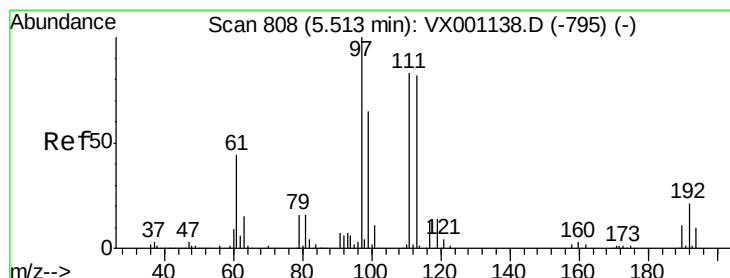
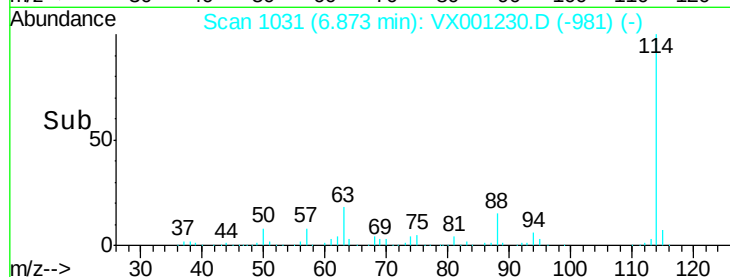
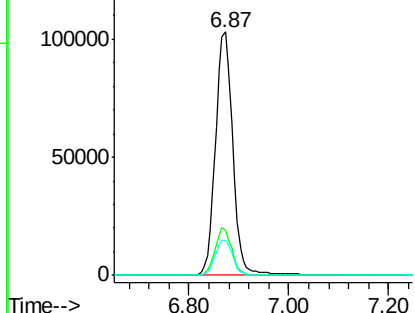
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001230.D
 Acq: 28 Apr 2018 23:12

Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBL02

Tgt Ion:114 Resp: 249378
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 40.4
 88 14.6 0.0 31.8

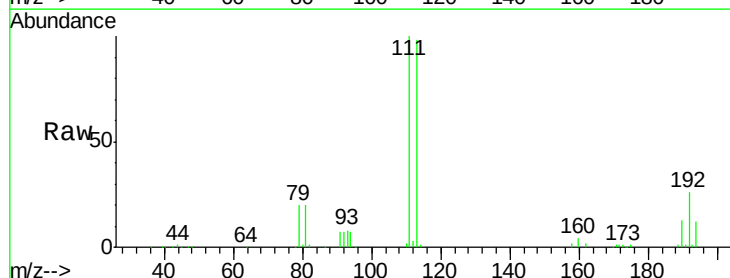


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

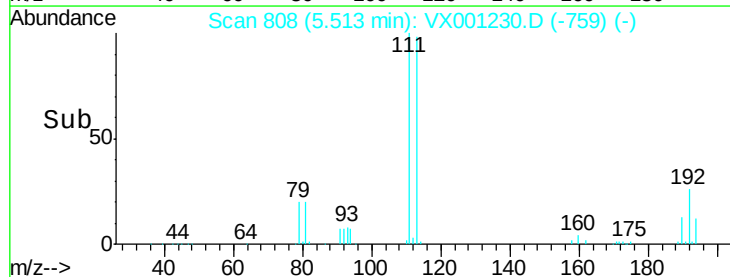
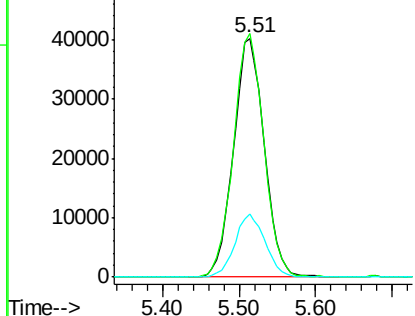


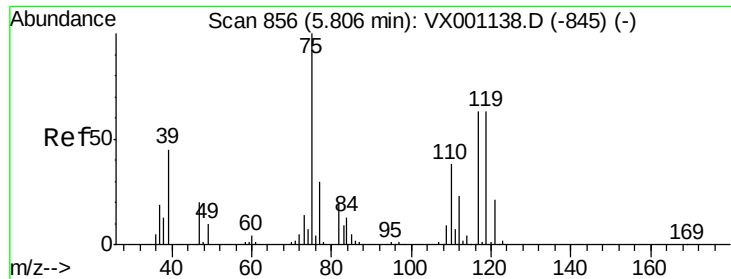
#35
 Dibromofluoromethane
 Concen: 54.02 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001230.D
 Acq: 28 Apr 2018 23:12

Tgt Ion:113 Resp: 111495
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.4
 192 26.0 20.6 30.8



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

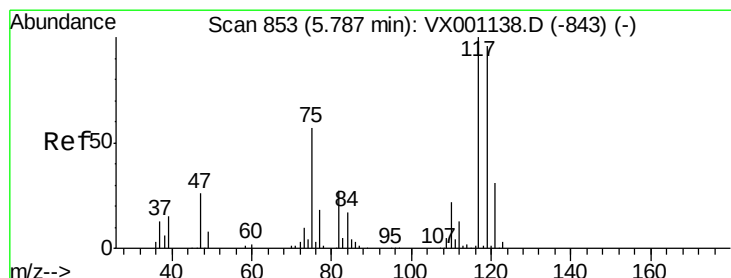
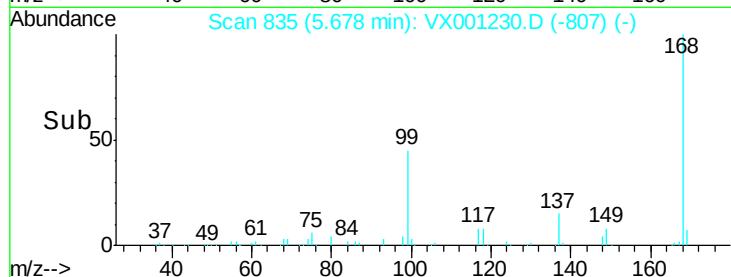
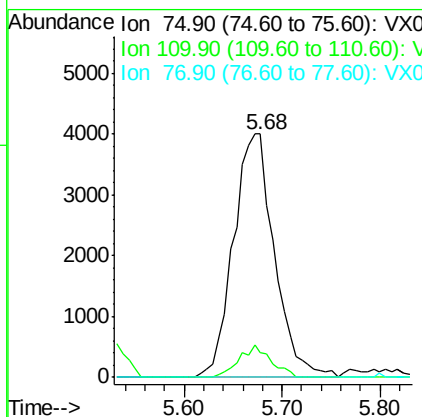
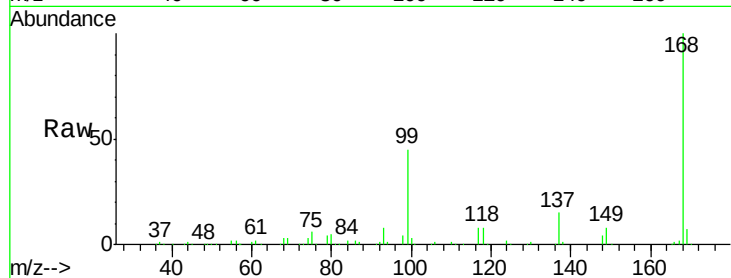




#36
 1,1-Dichloropropene
 Concen: 4.23 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX001230.D
 Acq: 28 Apr 2018 23:12

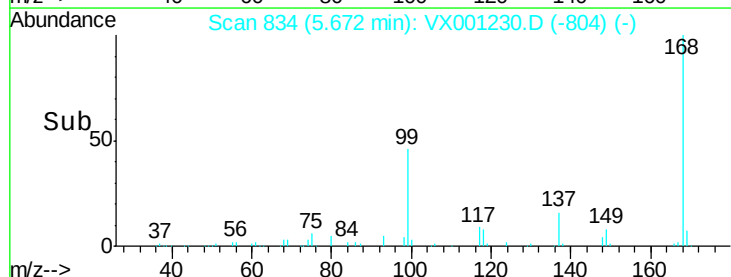
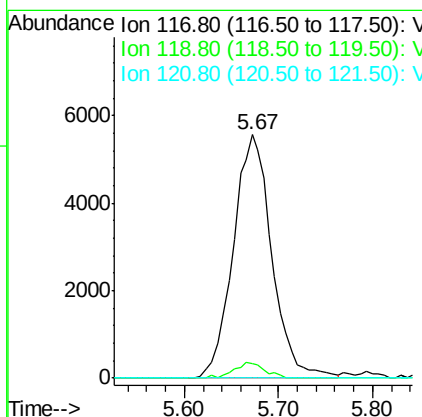
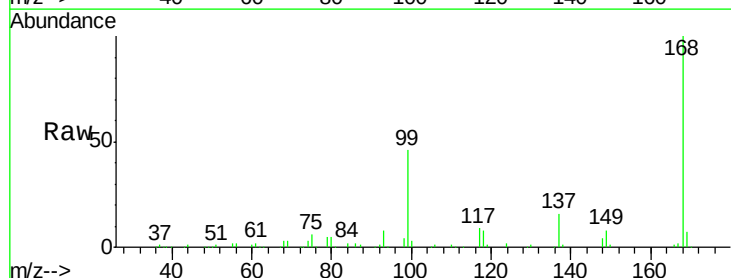
Instrument :
 MSVOA_X
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 VX0428WBL02

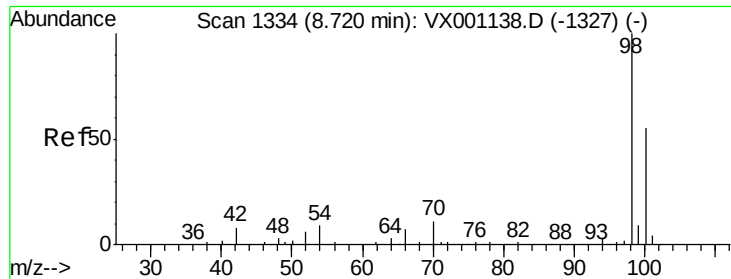
Tgt Ion: 75 Resp: 11621
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.0 57.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.64 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001230.D
 Acq: 28 Apr 2018 23:12

Tgt Ion: 117 Resp: 15887
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.5 114.7#
 121 0.0 24.6 37.0#

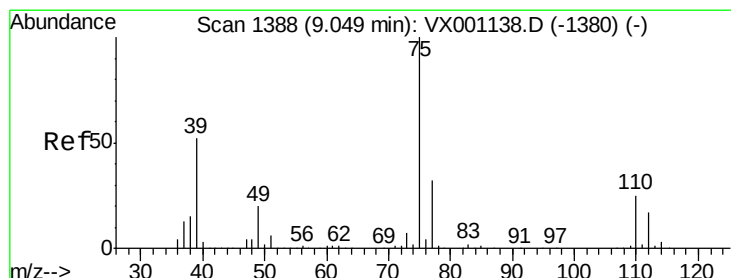
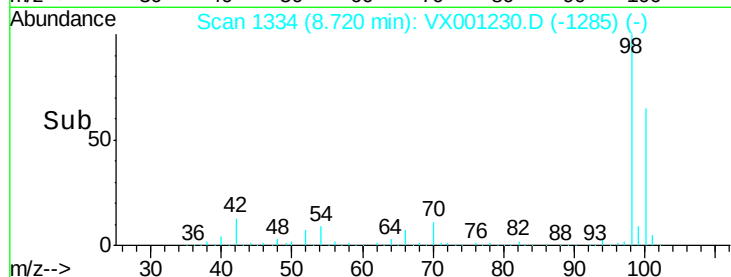
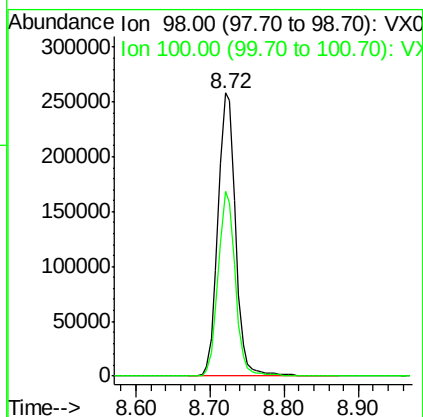
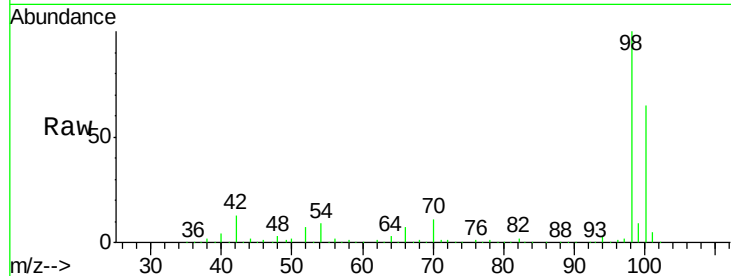




#50
Toluene-d8
Concen: 54.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001230.D
Acq: 28 Apr 2018 23:12

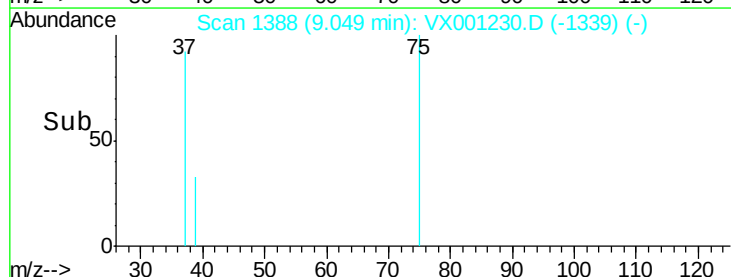
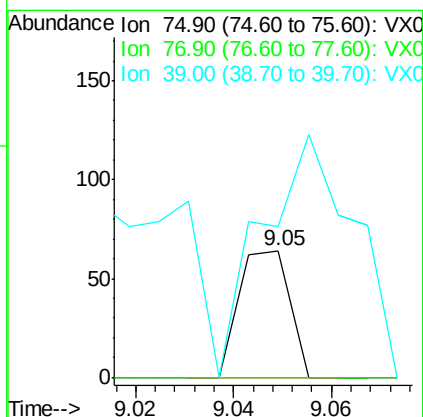
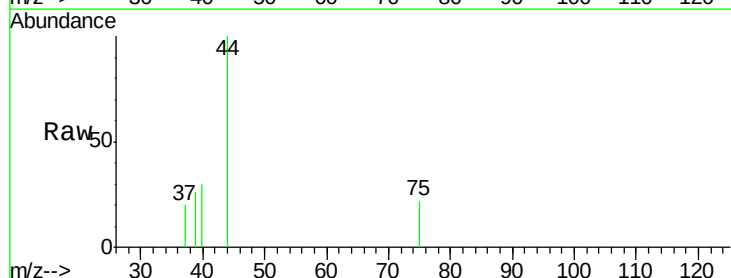
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL02

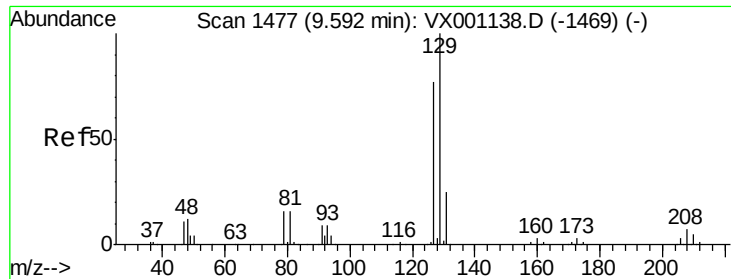
Tgt Ion: 98 Resp: 422007
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#54
cis-1,3-Dichloropropene
Concen: 3.20 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001230.D
Acq: 28 Apr 2018 23:12

Tgt Ion: 75 Resp: 46
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#
39 0.0 42.0 63.0#





#60

Dibromochloromethane

Concen: 3.39 ug/l

RT: 9.35 min Scan# 1437

Delta R.T. -0.24 min

Lab File: VX001230.D

Acq: 28 Apr 2018 23:12

Instrument :

MSVOA_X

ClientSampleId :

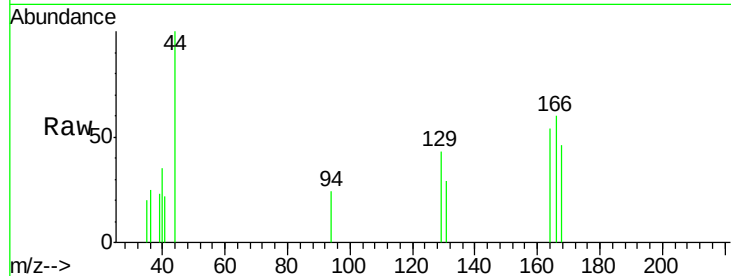
VX0428WBL02

Tgt Ion:129 Resp: 132

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.35

100

80

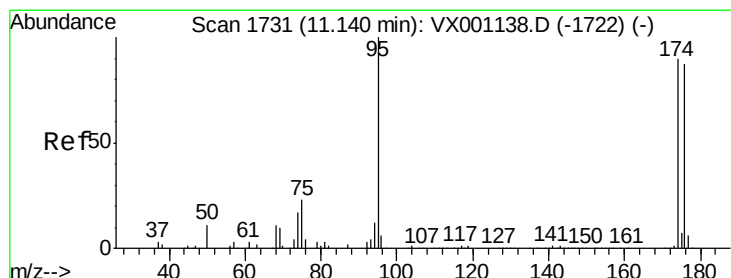
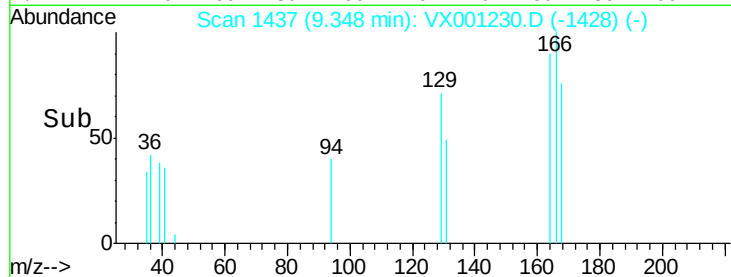
60

40

20

0

Time--> 9.30 9.32 9.34 9.36



#62

4-Bromofluorobenzene

Concen: 48.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001230.D

Acq: 28 Apr 2018 23:12

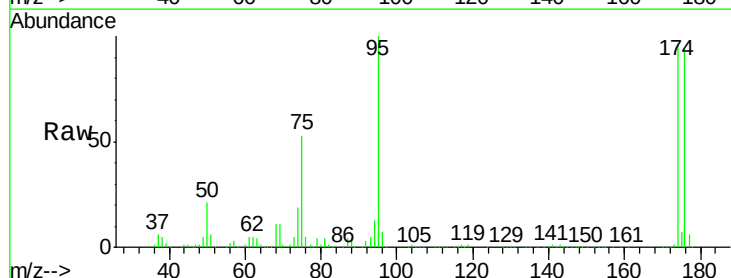
Tgt Ion: 95 Resp: 147022

Ion Ratio Lower Upper

95 100

174 103.0 0.0 194.4

176 100.4 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

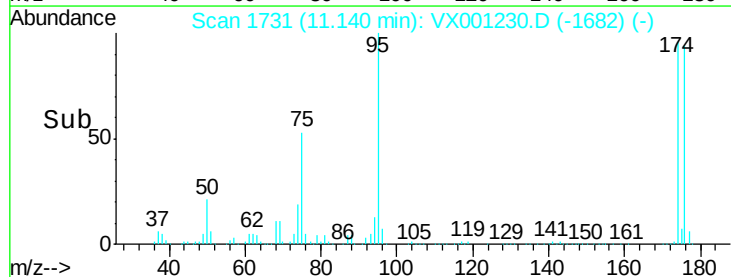
150000

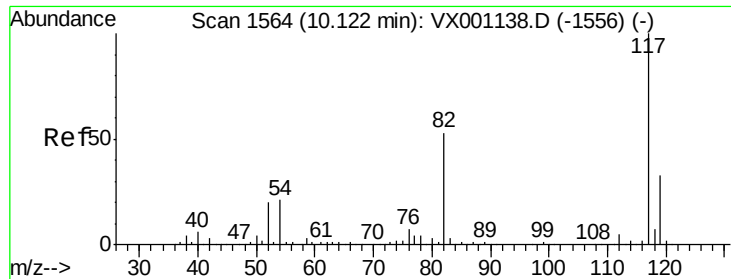
100000

50000

0

Time--> 11.10 11.20

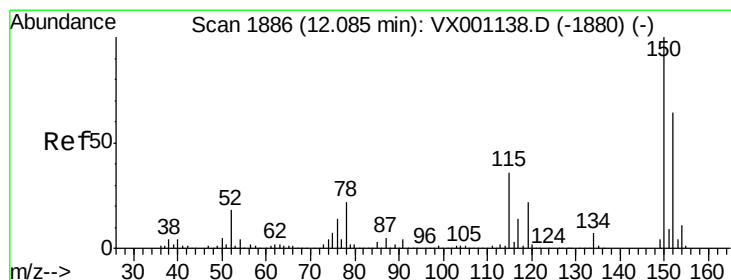
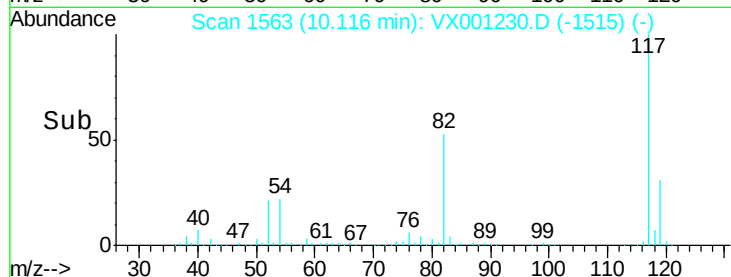
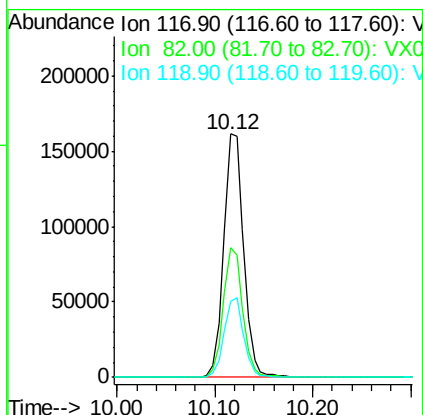
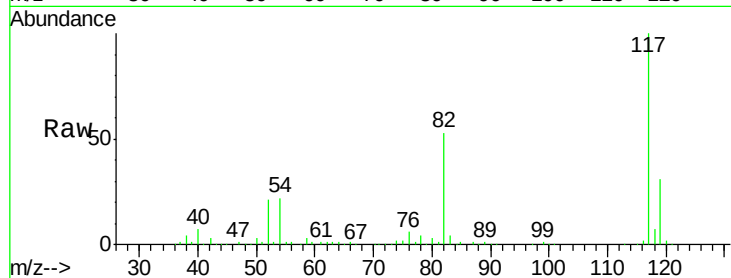




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001230.D
Acq: 28 Apr 2018 23:12

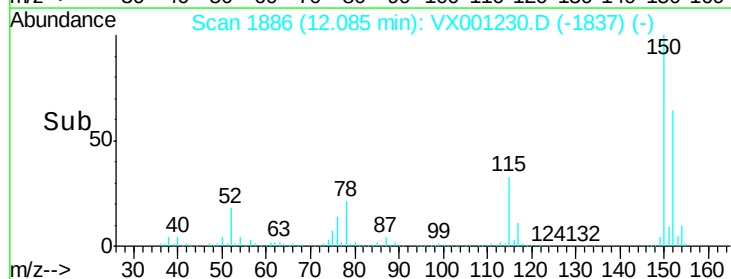
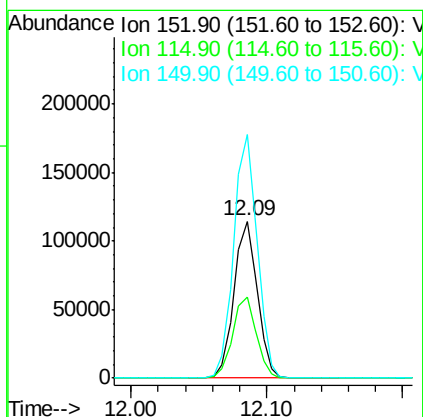
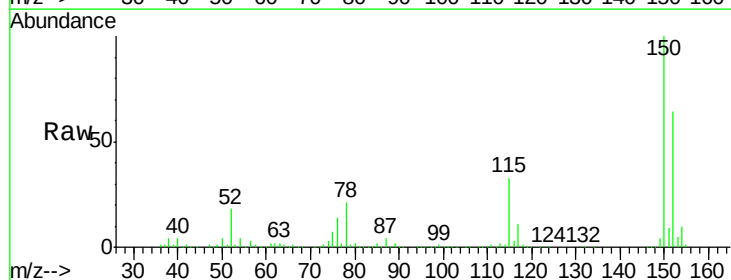
Instrument :
MSVOA_X
ClientSampleId :
VX0428WBL02

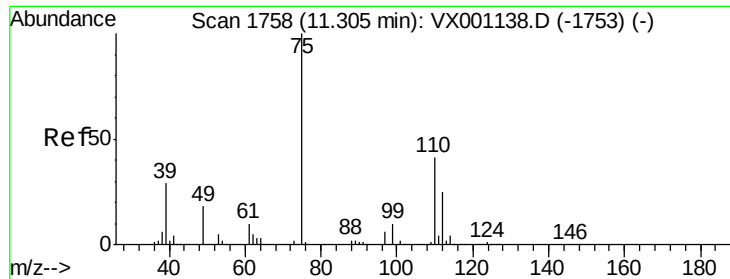
Tgt Ion:117 Resp: 228657
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 31.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001230.D
Acq: 28 Apr 2018 23:12

Tgt Ion:152 Resp: 136307
Ion Ratio Lower Upper
152 100
115 52.9 38.0 114.0
150 156.7 0.0 349.6

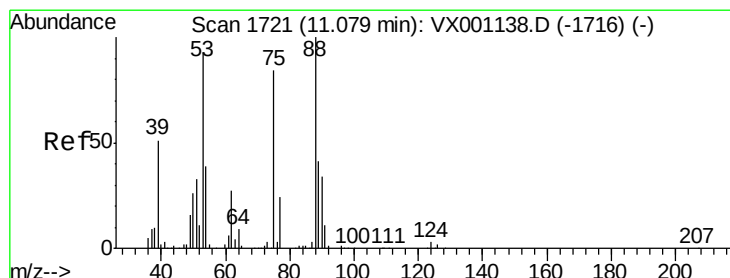
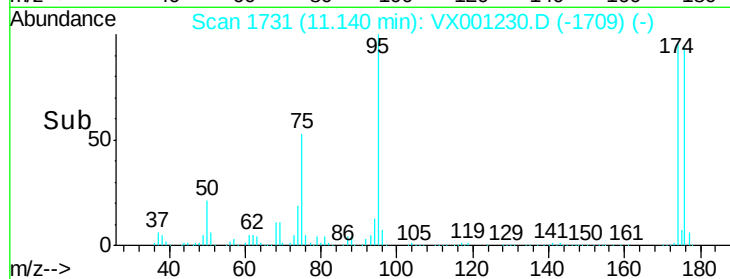
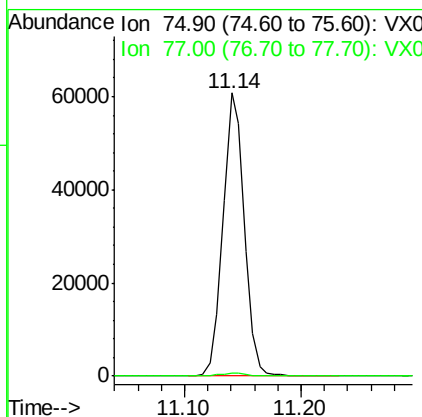
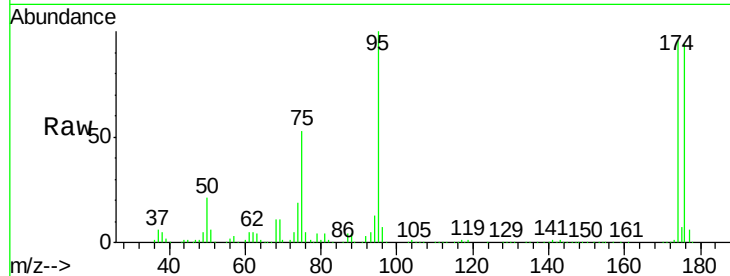




#76
 1,2,3-Trichloropropane
 Concen: 27.57 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001230.D
 Acq: 28 Apr 2018 23:12

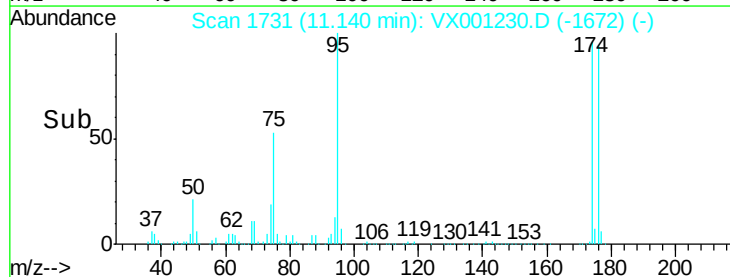
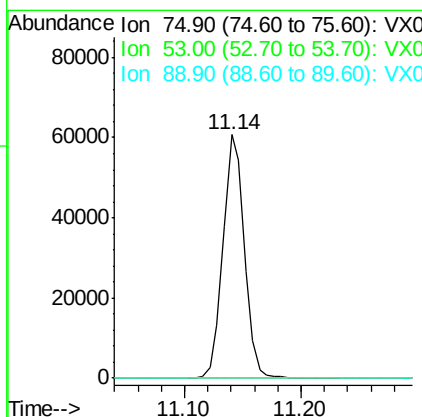
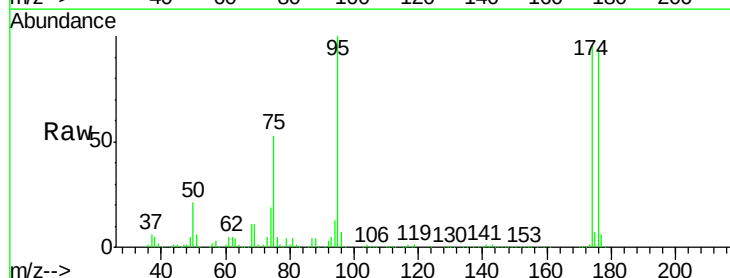
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBL02

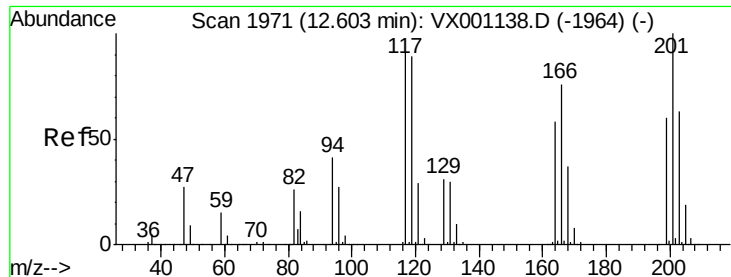
Tgt Ion: 75 Resp: 76531
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.78 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001230.D
 Acq: 28 Apr 2018 23:12

Tgt Ion: 75 Resp: 76531
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#

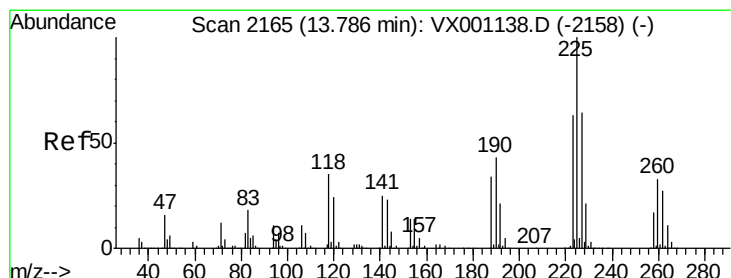
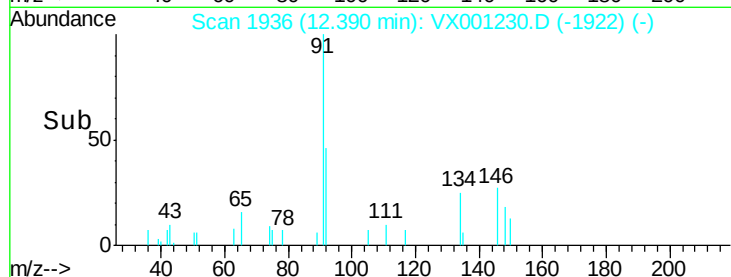
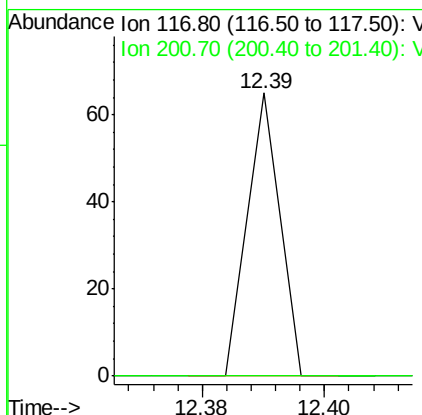
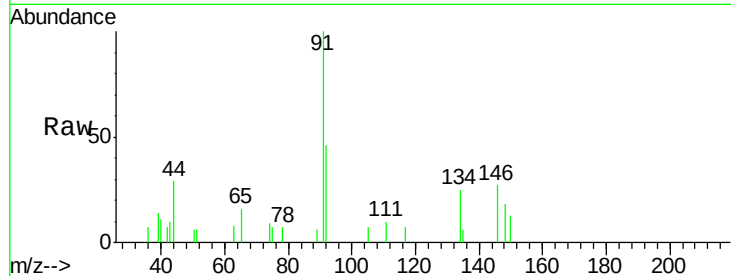




#90
 Hexachloroethane
 Concen: 3.39 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.21 min
 Lab File: VX001230.D
 Acq: 28 Apr 2018 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBL02

Tgt Ion:117 Resp: 24
 Ion Ratio Lower Upper
 117 100
 201 0.0 51.8 155.4#



#94
 Hexachlorobutadiene
 Concen: 0.43 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001230.D
 Acq: 28 Apr 2018 23:12

Tgt Ion:225 Resp: 752
 Ion Ratio Lower Upper
 225 100
 223 68.2 31.3 93.9
 227 68.6 32.2 96.6

