

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001191.D
 Acq On : 28 Apr 2018 01:00
 Operator : JC/MD
 Sample : J2507-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1TB11-180419

Quant Time: Apr 28 03:17:13 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	208152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157683	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	156376	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	5.51	113	121267	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
50) Toluene-d8	8.72	98	474690	53.75	ug/l	0.00
Spiked Amount			Recovery	=	107.50%	
62) 4-Bromofluorobenzene	11.14	95	167413	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	

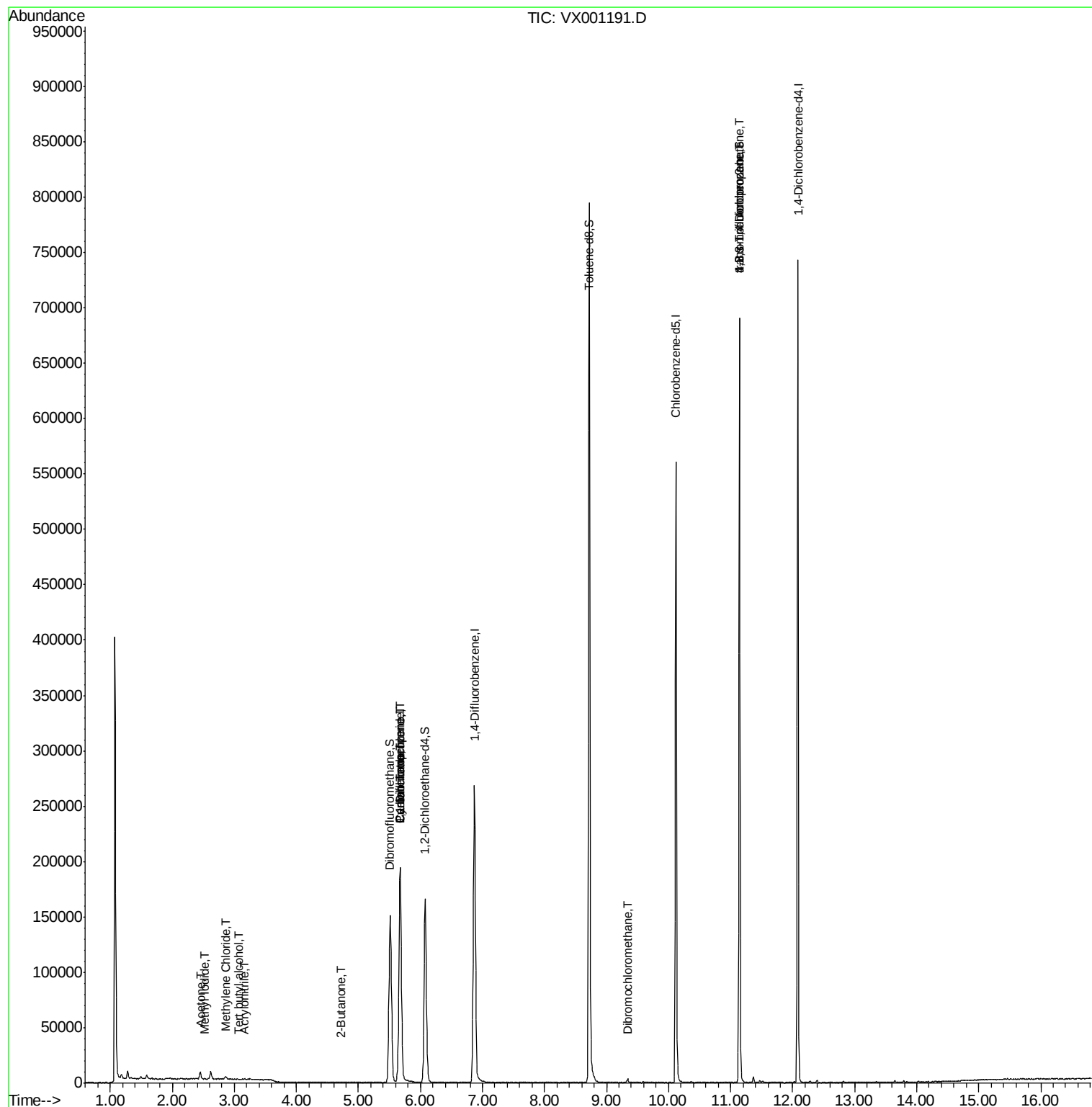
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	419	Below Cal	#	68
10) Methyl Iodide	2.52	142	268	7.341	ug/l #	85
11) Tert butyl alcohol	3.07	59	270	0.424	ug/l #	88
15) Acrylonitrile	3.15	53	476	0.350	ug/l #	72
16) Acetone	2.45	43	7644	5.761	ug/l	92
20) Methylene Chloride	2.86	84	953	0.386	ug/l #	91
25) 2-Butanone	4.71	43	444	0.224	ug/l #	50
31) Cyclohexane	5.67	56	3776	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	12695	4.074	ug/l #	49
38) Carbon Tetrachloride	5.67	117	18333	5.738	ug/l #	16
60) Dibromochloromethane	9.34	129	116	3.383	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	86301	26.878	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	86301	81.800	ug/l #	6

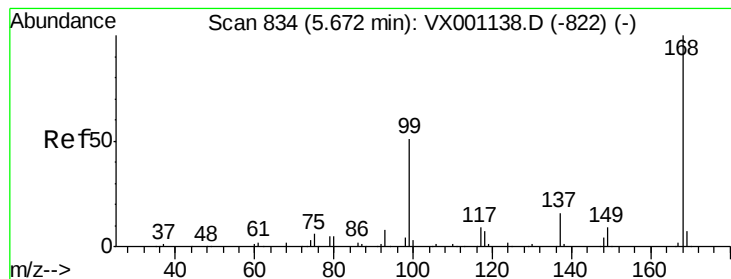
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001191.D

Acq: 28 Apr 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

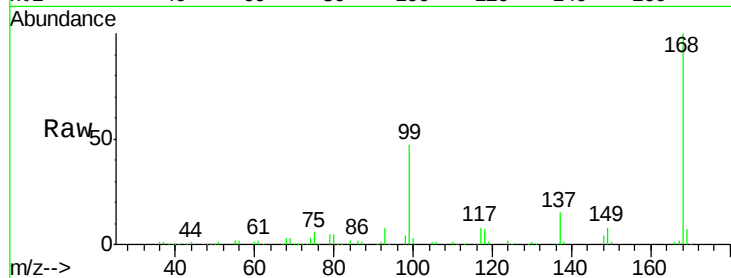
Z1TB11-180419

Tgt Ion:168 Resp: 208152

Ion Ratio Lower Upper

168 100

99 46.7 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

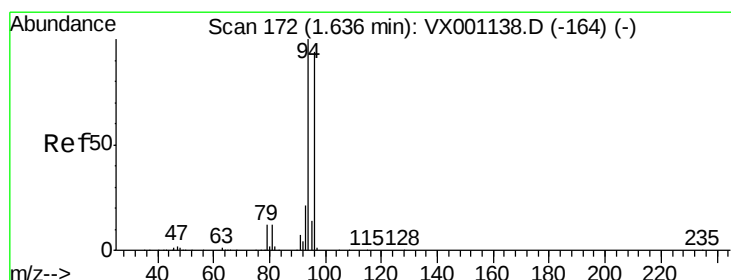
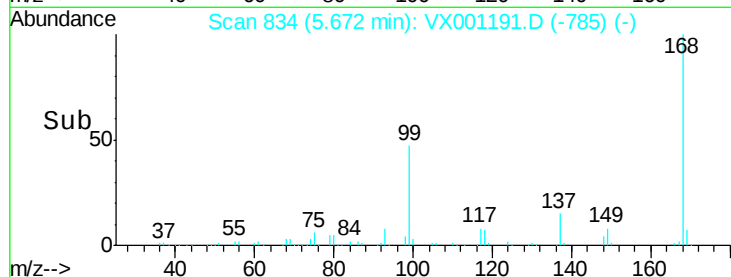
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001191.D

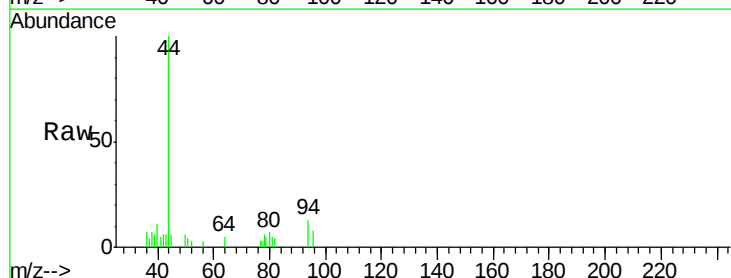
Acq: 28 Apr 2018 01:00

Tgt Ion: 94 Resp: 419

Ion Ratio Lower Upper

94 100

96 63.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

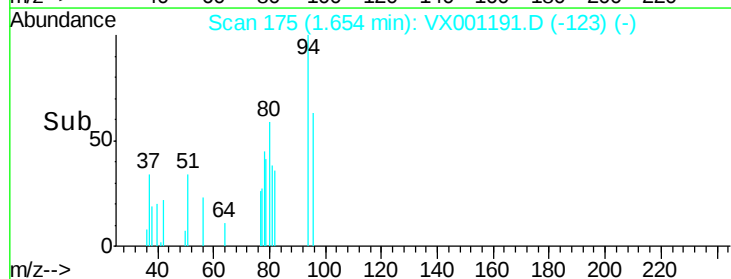
150

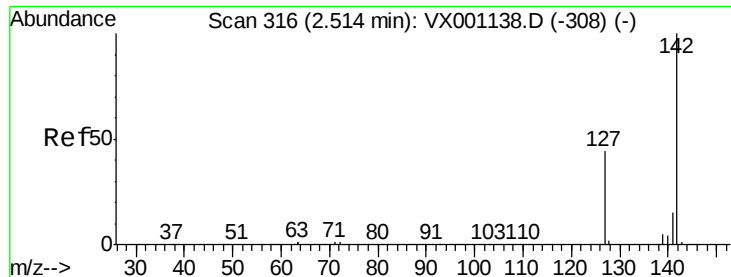
100

50

0

Time-->

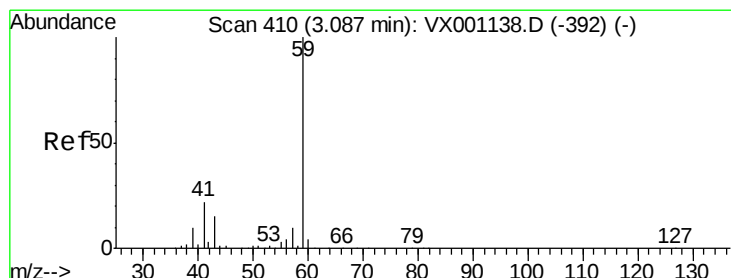
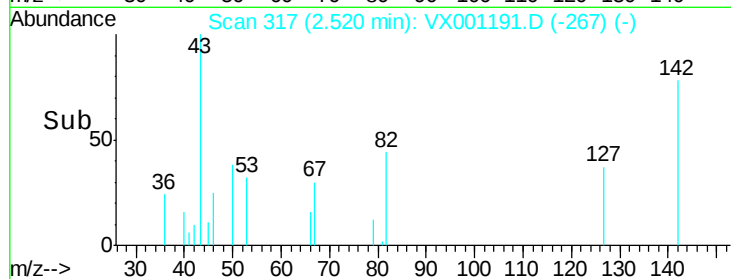
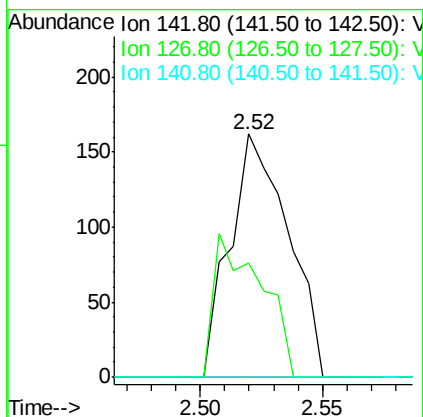
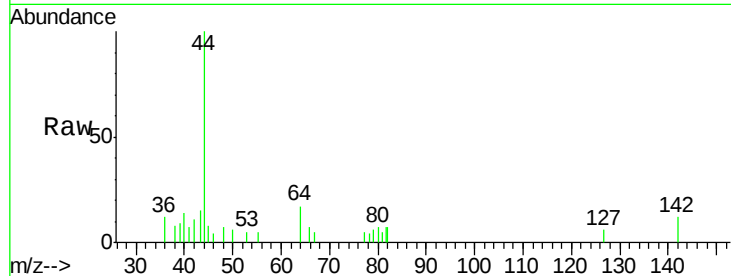




#10
Methyl Iodide
Concen: 7.341 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

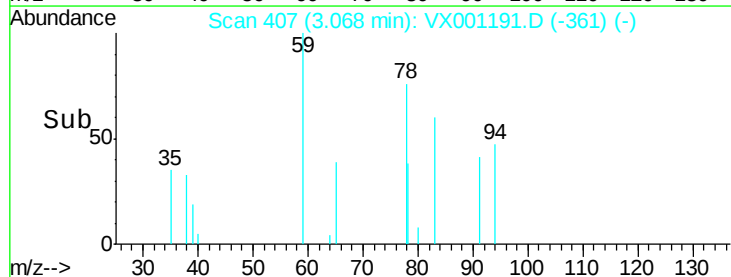
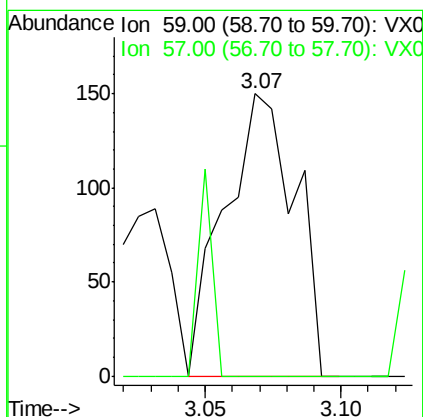
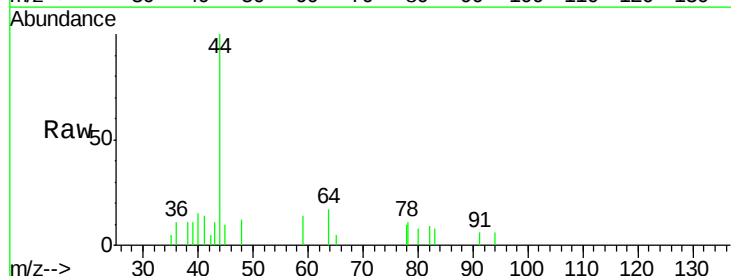
Instrument :
MSVOA_X
ClientSampleId :
Z1TB11-180419

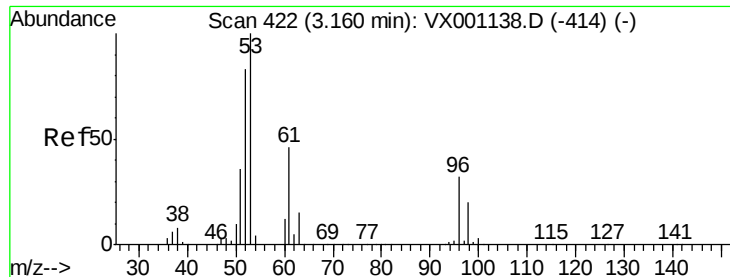
Tgt Ion: 142 Resp: 268
Ion Ratio Lower Upper
142 100
127 48.5 34.7 52.1
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.424 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 14.8 8.2 12.4#





#15

Acrylonitrile

Concen: 0.350 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001191.D

Acq: 28 Apr 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

Z1TB11-180419

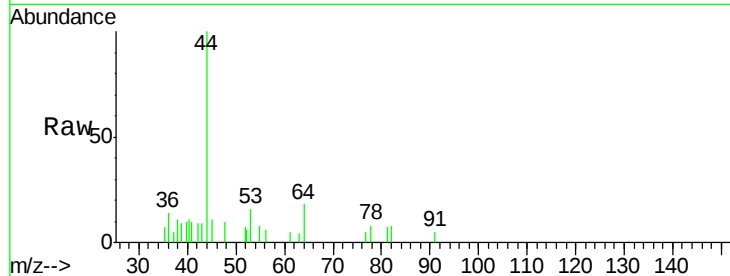
Tgt Ion: 53 Resp: 476

Ion Ratio Lower Upper

53 100

52 71.4 66.5 99.7

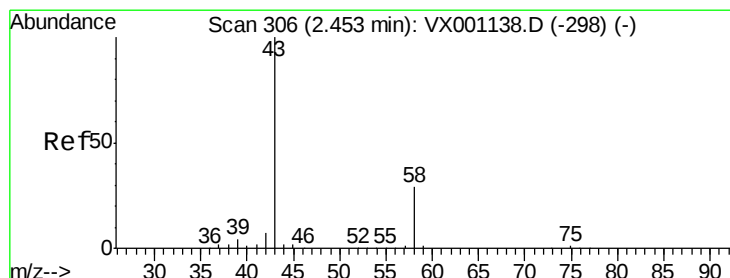
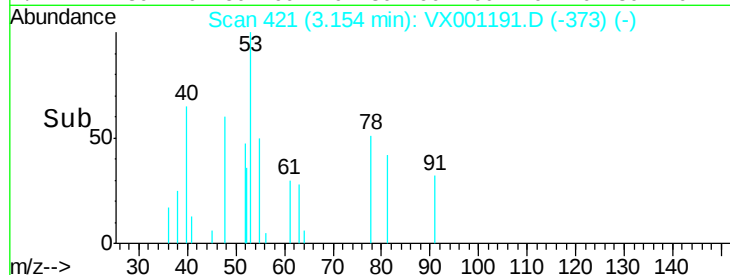
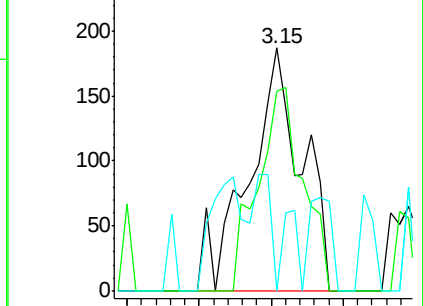
51 0.0 29.5 44.3#



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: 5.761 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001191.D

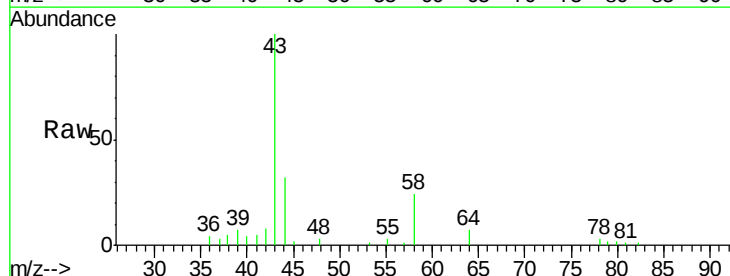
Acq: 28 Apr 2018 01:00

Tgt Ion: 43 Resp: 7644

Ion Ratio Lower Upper

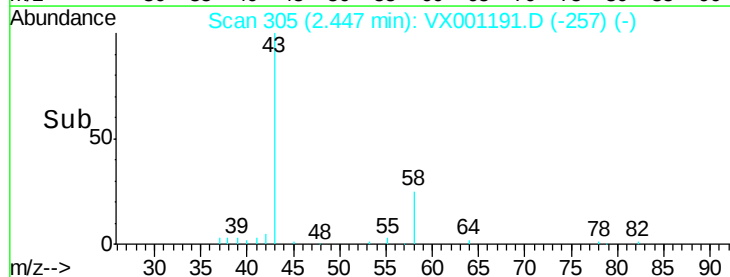
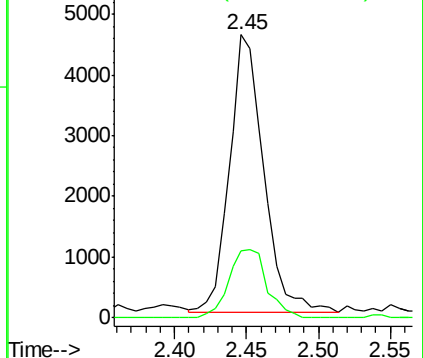
43 100

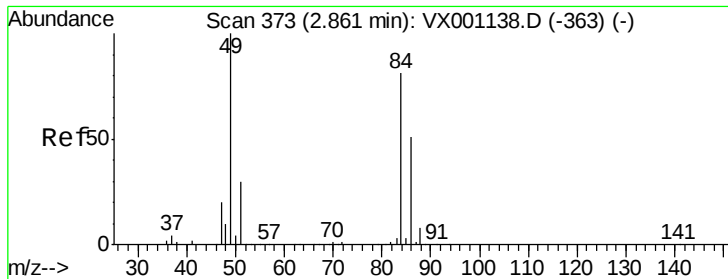
58 24.4 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

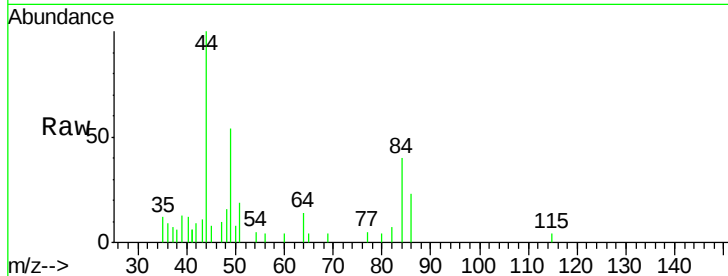




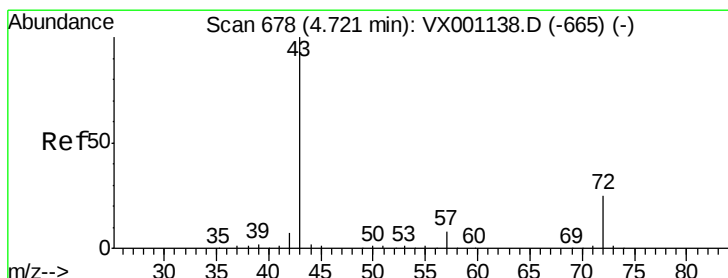
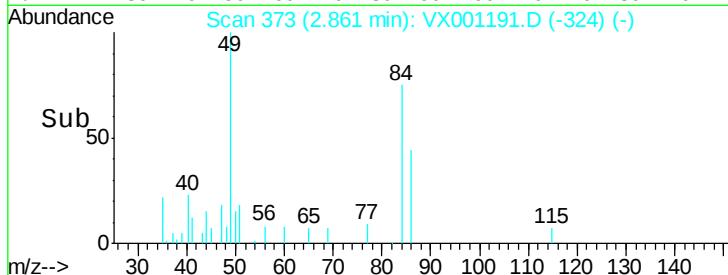
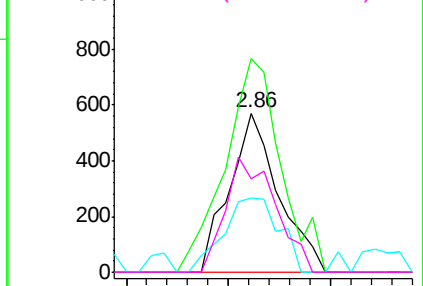
#20
Methylene Chloride
Concen: 0.386 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

Instrument :
MSVOA_X
ClientSampleId :
Z1TB11-180419

Tgt Ion: 84 Resp: 953
Ion Ratio Lower Upper
84 100
49 134.1 99.2 148.8
51 46.3 29.5 44.3#
86 58.4 50.2 75.2

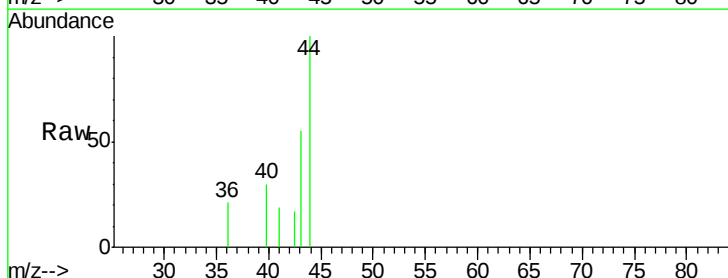


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

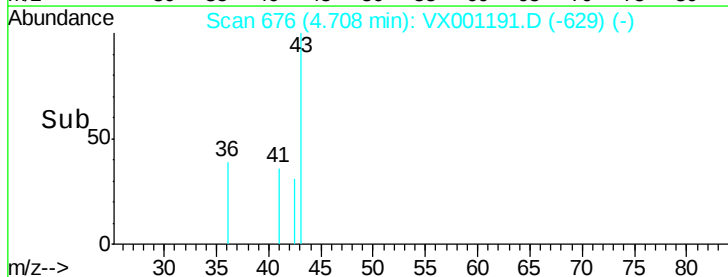
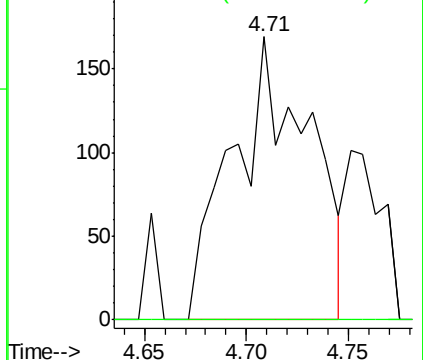


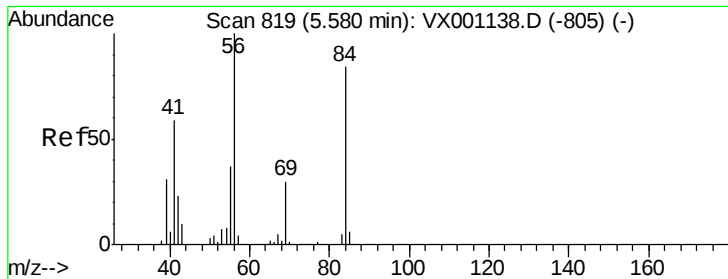
#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

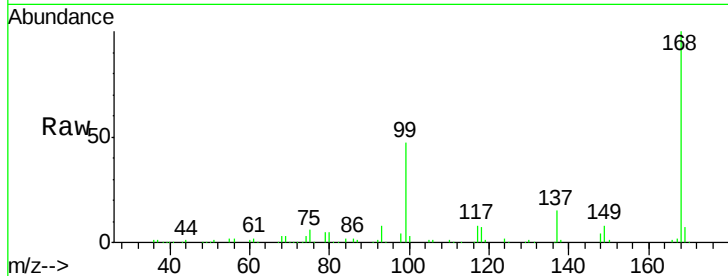




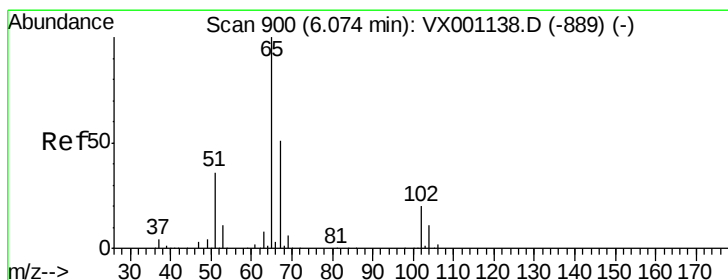
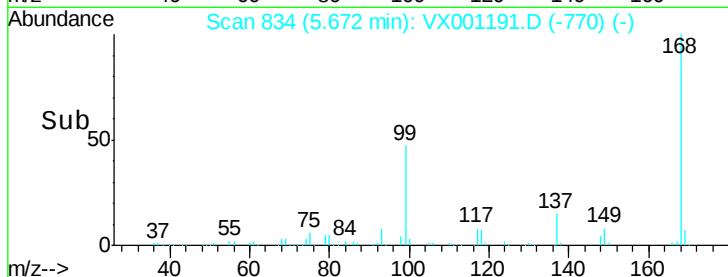
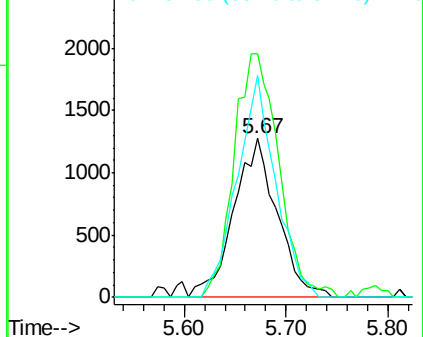
#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

Instrument :
MSVOA_X
ClientSampleId :
Z1TB11-180419

Tgt Ion: 56 Resp: 3776
Ion Ratio Lower Upper
56 100
69 153.1 24.2 36.2#
84 139.3 67.5 101.3#

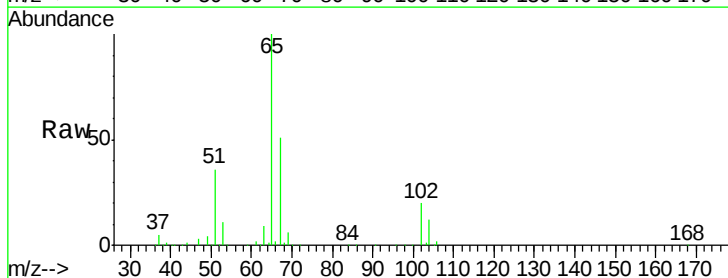


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

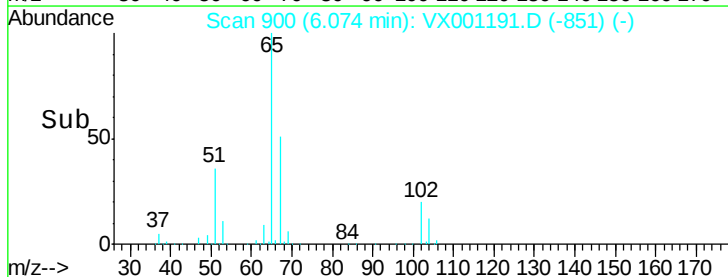
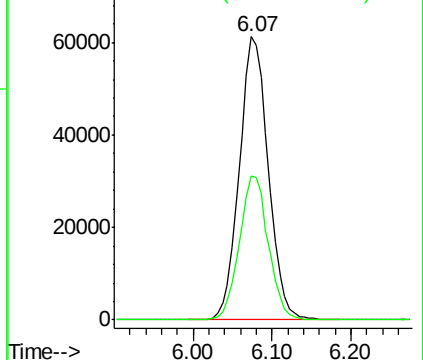


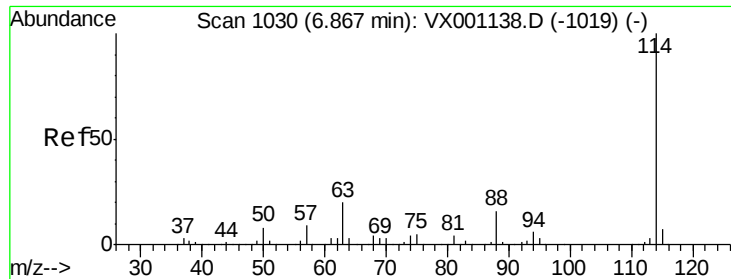
#33
1,2-Dichloroethane-d4
Concen: 48.465 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

Tgt Ion: 65 Resp: 156376
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001191.D

Acq: 28 Apr 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

Z1TB11-180419

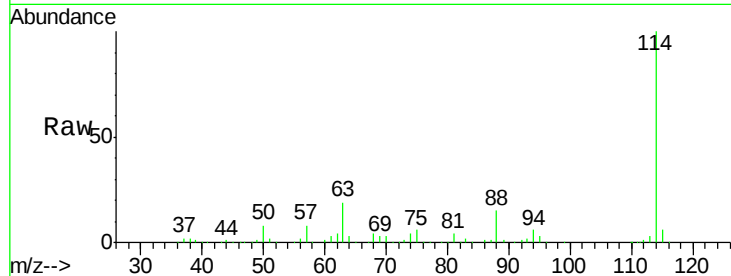
Tgt Ion:114 Resp: 282750

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.4

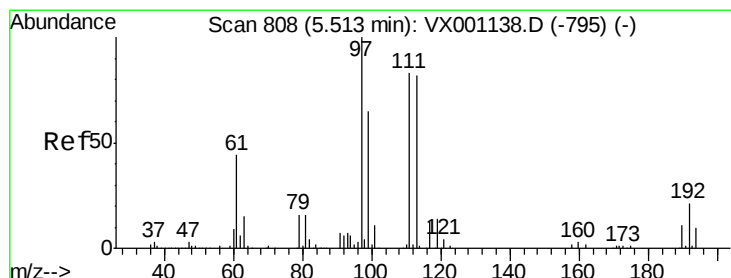
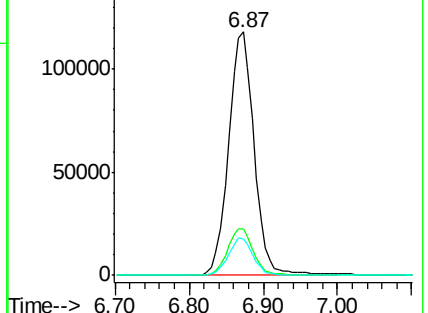
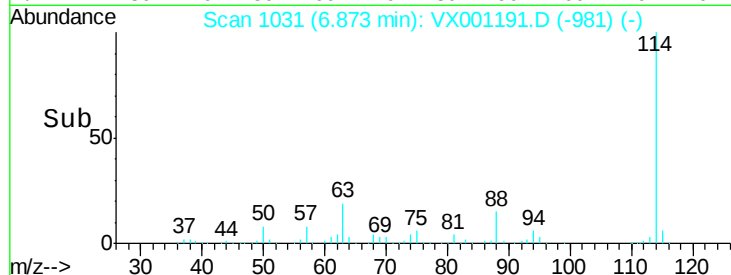
88 14.7 0.0 31.8



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: 51.816 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001191.D

Acq: 28 Apr 2018 01:00

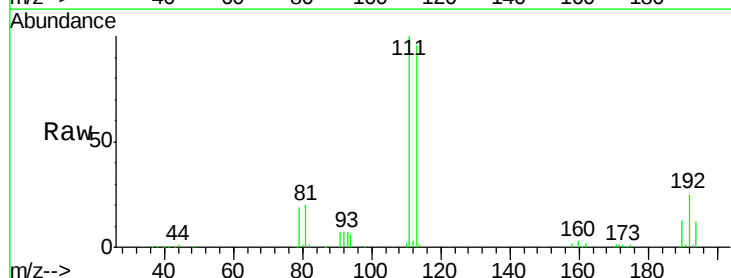
Tgt Ion:113 Resp: 121267

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

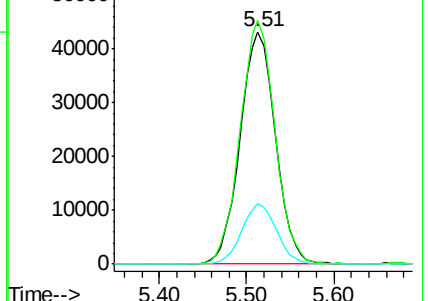
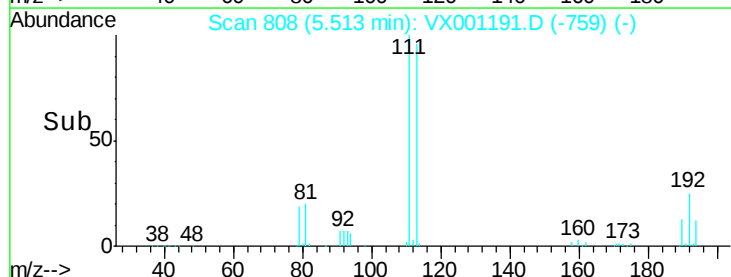
192 25.5 20.6 30.8

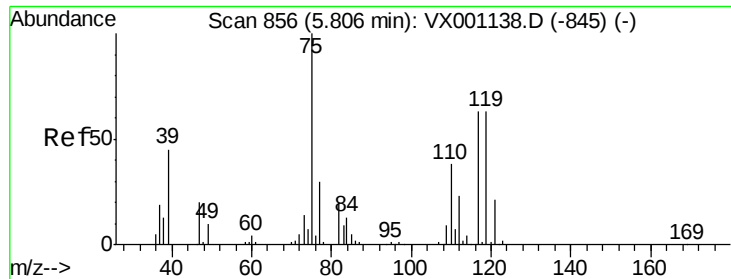


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.074 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001191.D

Acq: 28 Apr 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

Z1TB11-180419

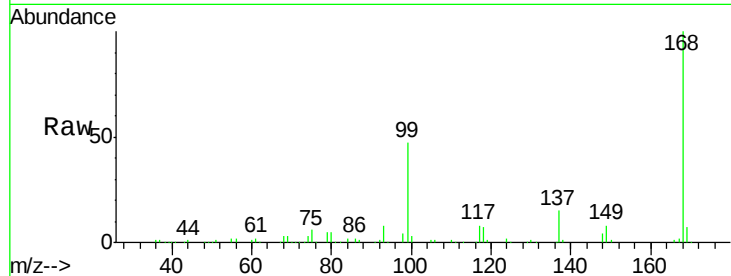
Tgt Ion: 75 Resp: 12695

Ion Ratio Lower Upper

75 100

110 9.9 19.0 57.0#

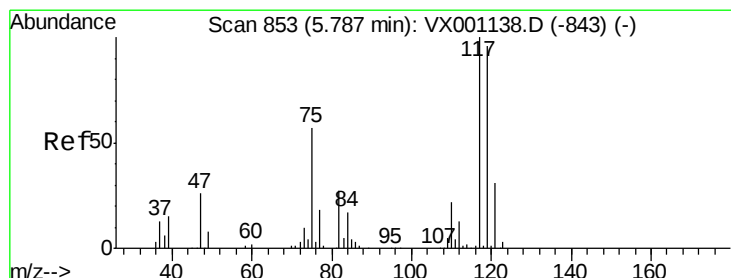
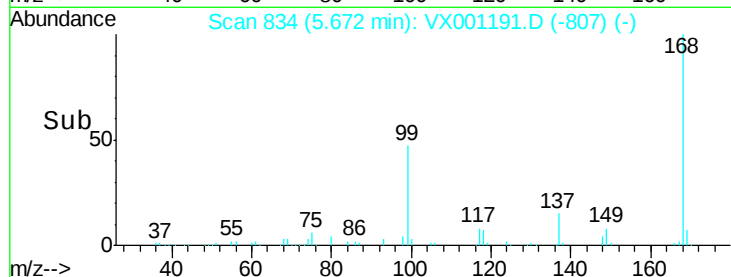
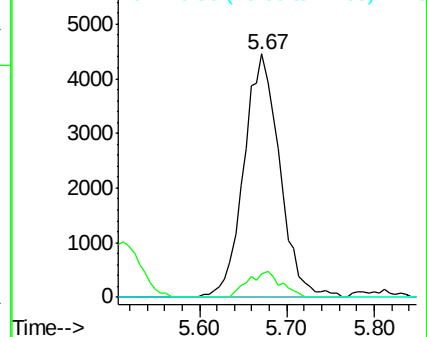
77 0.0 24.8 37.2#



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: 5.738 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001191.D

Acq: 28 Apr 2018 01:00

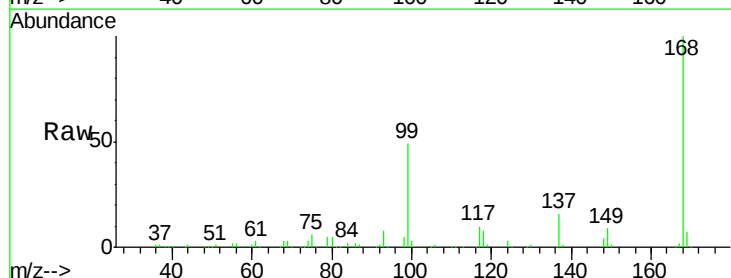
Tgt Ion: 117 Resp: 18333

Ion Ratio Lower Upper

117 100

119 5.6 76.5 114.7#

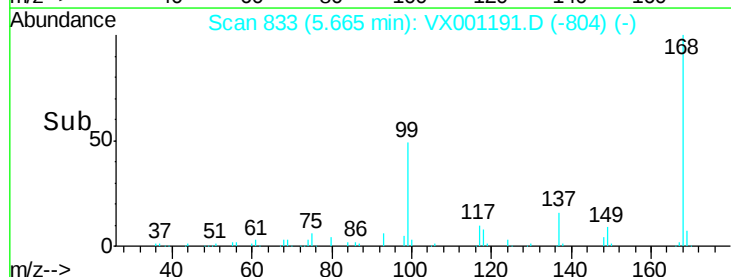
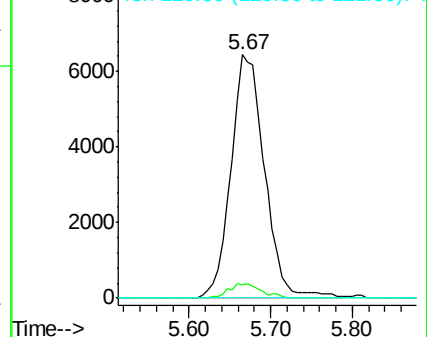
121 0.0 24.6 37.0#

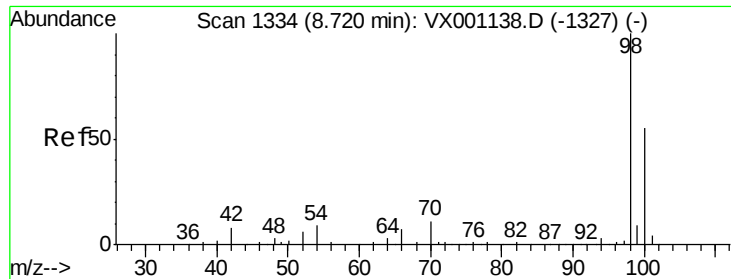


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

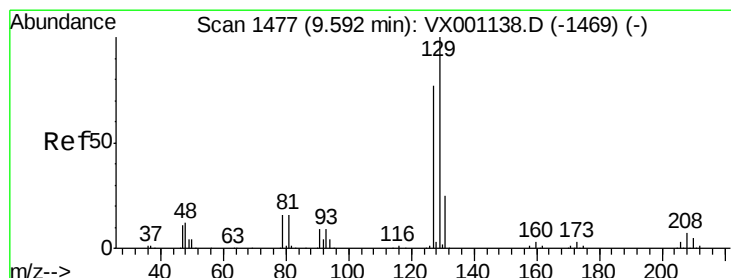
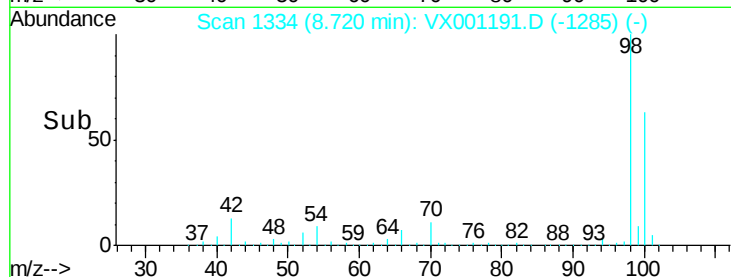
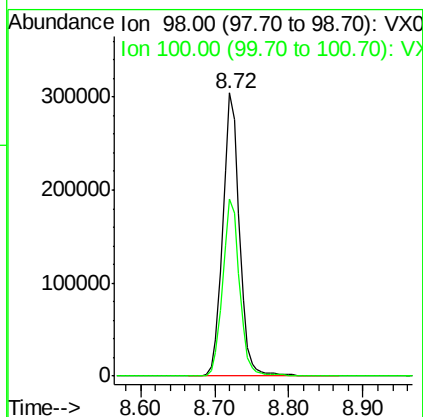
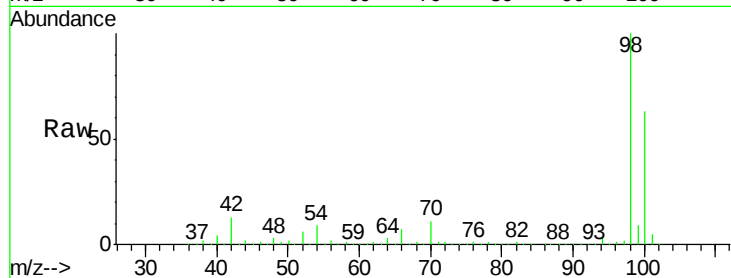




#50
Toluene-d8
Concen: 53.747 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

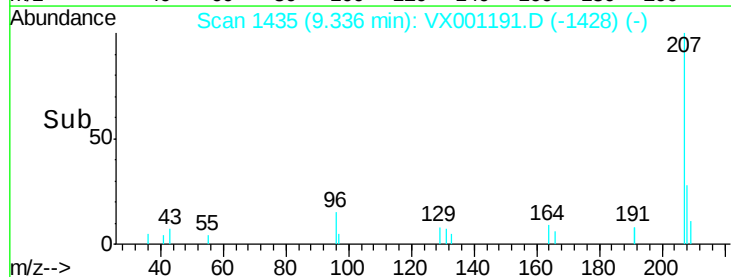
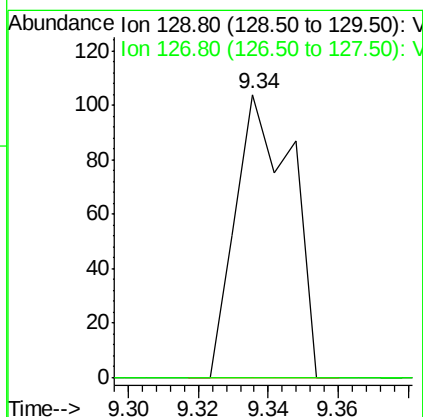
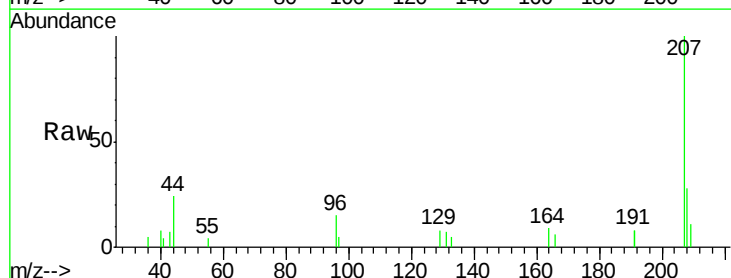
Instrument :
MSVOA_X
ClientSampleId :
Z1TB11-180419

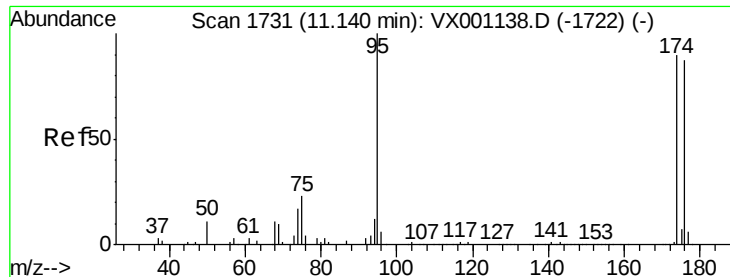
Tgt Ion: 98 Resp: 474690
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#60
Dibromochloromethane
Concen: 3.383 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.26 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

Tgt Ion: 129 Resp: 116
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

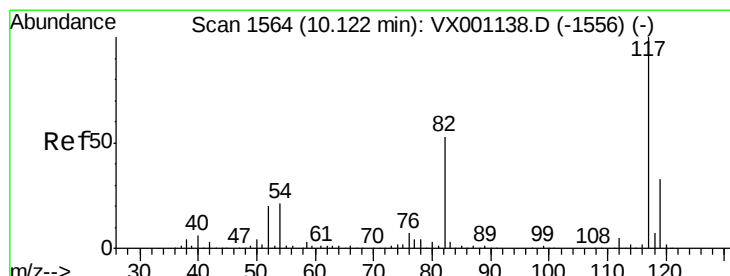
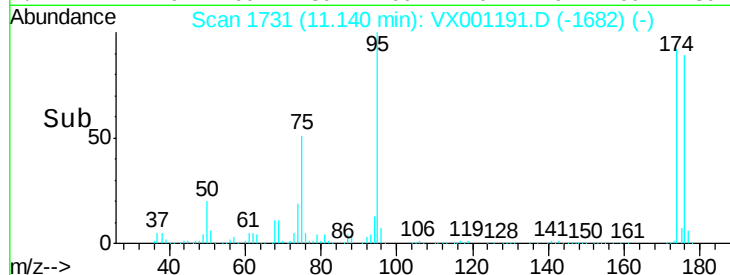
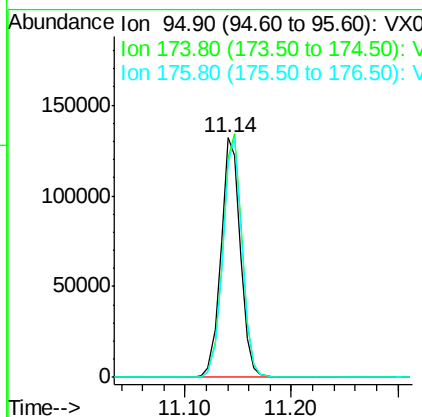
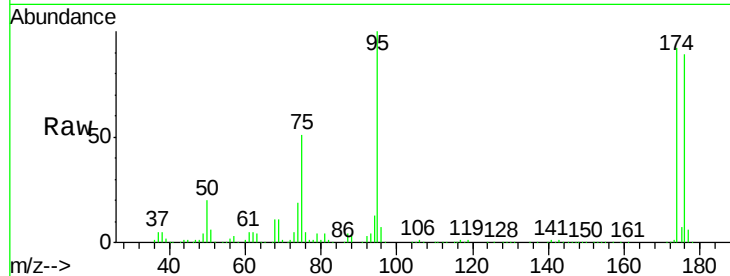




#62
4-Bromofluorobenzene
Concen: 48.523 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

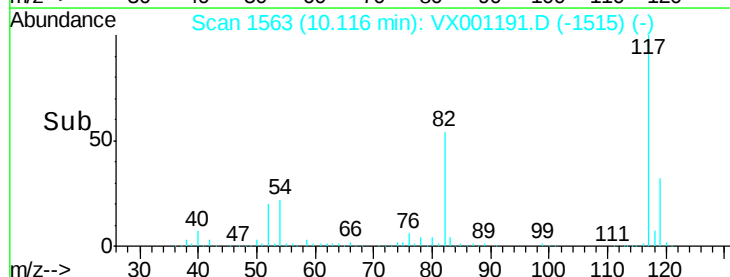
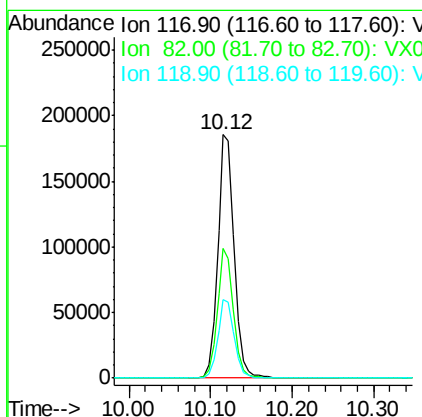
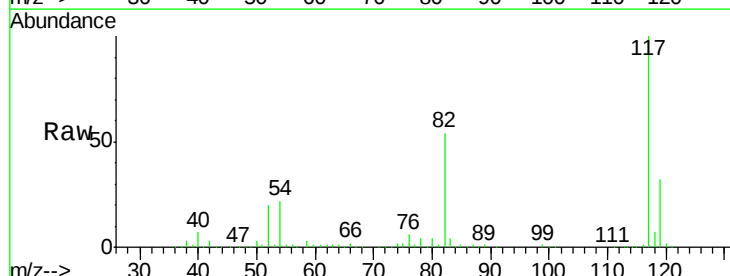
Instrument :
MSVOA_X
ClientSampleId :
Z1TB11-180419

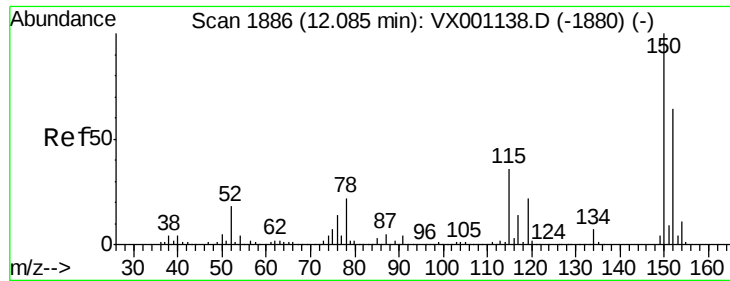
Tgt Ion: 95 Resp: 167413
Ion Ratio Lower Upper
95 100
174 101.3 0.0 194.4
176 99.3 0.0 190.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001191.D
Acq: 28 Apr 2018 01:00

Tgt Ion: 117 Resp: 261559
Ion Ratio Lower Upper
117 100
82 53.5 42.1 63.1
119 32.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001191.D

Acq: 28 Apr 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

Z1TB11-180419

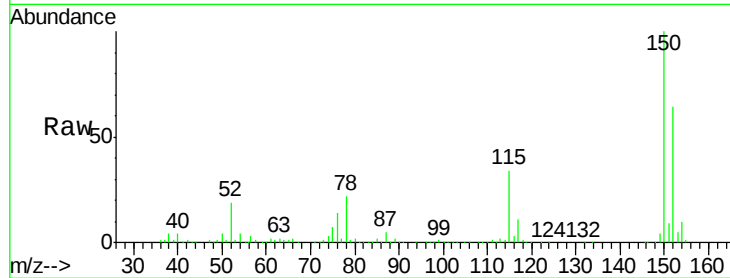
Tgt Ion:152 Resp: 157683

Ion Ratio Lower Upper

152 100

115 53.6 38.0 114.0

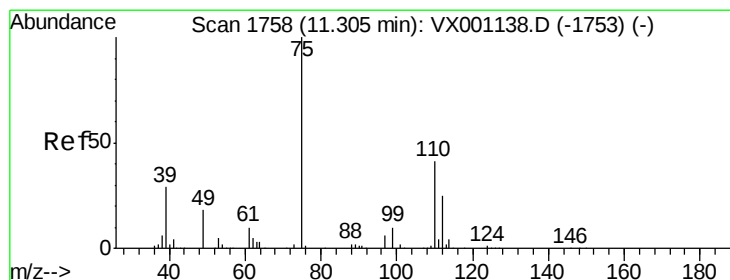
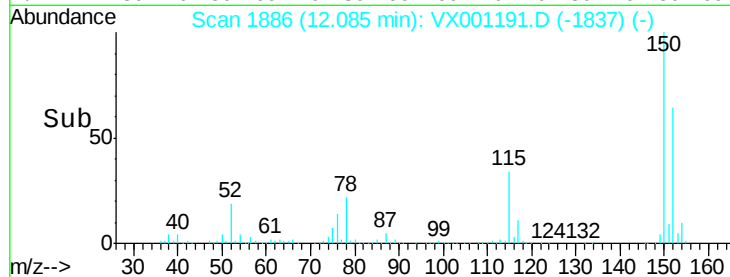
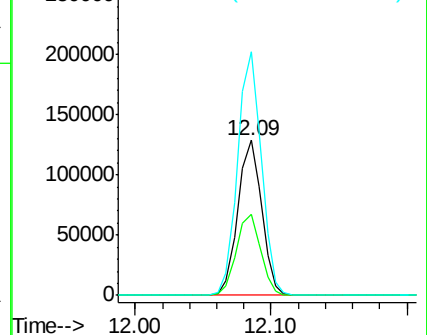
150 156.4 0.0 349.6



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: 26.878 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001191.D

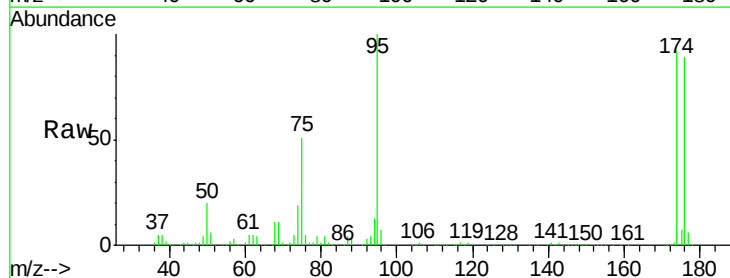
Acq: 28 Apr 2018 01:00

Tgt Ion: 75 Resp: 86301

Ion Ratio Lower Upper

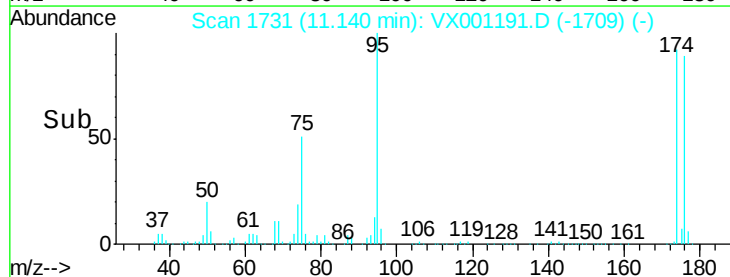
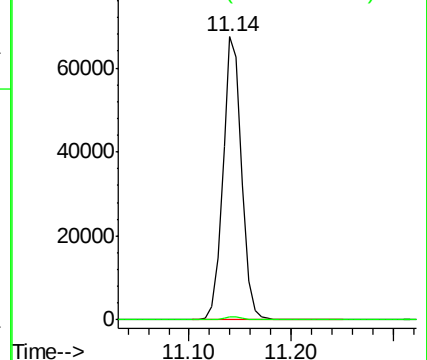
75 100

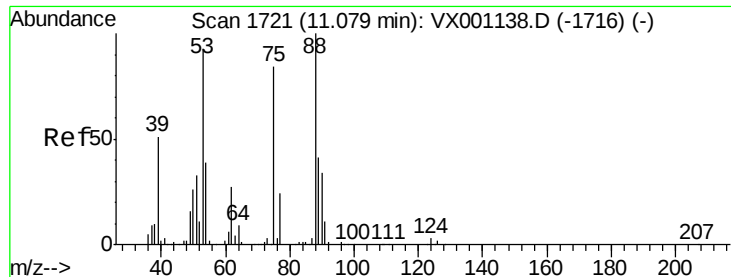
77 1.2 18.9 56.9#



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: 81.800 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001191.D

Acq: 28 Apr 2018 01:00

Instrument :

MSVOA_X

ClientSampleId :

Z1TB11-180419

Tgt Ion: 75 Resp: 86301

Ion Ratio Lower Upper

75 100

53 0.0 87.9 131.9#

89 0.0 37.7 56.5#

