

Data File : VX001236.D
Acq On : 29 Apr 2018 01:45
Operator : JC/MD
Sample : J2600-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW07-20180424

Quant Time: Apr 30 01:42:19 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	174268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	240191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	220117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	130314	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133143	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	5.51	113	106243	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	8.72	98	404023	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
62) 4-Bromofluorobenzene	11.14	95	139667	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds				Qvalue		
5) Bromomethane	1.67	94	470	Below Cal	#	80
10) Methyl Iodide	2.51	142	340	7.39	ug/l #	87
11) Tert butyl alcohol	3.07	59	323	0.61	ug/l	99
13) Acrolein	2.29	56	120	0.60	ug/l #	1
16) Acetone	2.45	43	4621	4.16	ug/l	100
20) Methylene Chloride	2.87	84	606	0.29	ug/l #	75
31) Cyclohexane	5.67	56	3231	1.12	ug/l #	27
36) 1,1-Dichloropropene	5.68	75	10829	4.09	ug/l #	50
38) Carbon Tetrachloride	5.68	117	14875	5.48	ug/l #	15
44) Trichloroethene	7.23	130	957	0.42	ug/l	74
60) Dibromochloromethane	9.34	129	93	3.38	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	73088	27.54	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	73088	83.70	ug/l #	6

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

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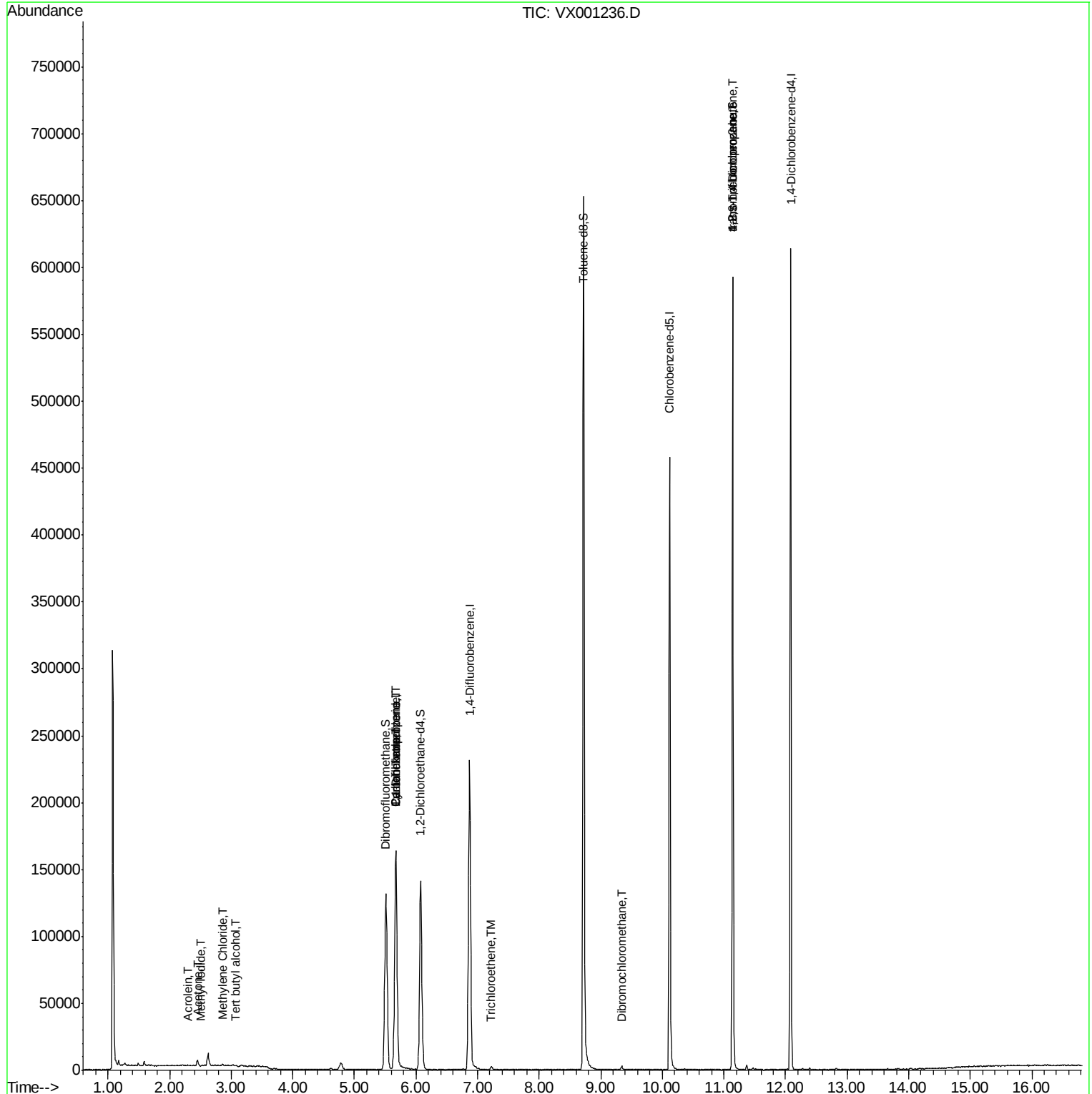
Quant Time: Apr 30 01:42:19 2018

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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Acq: 29 Apr 2018 01:45

Instrument :

MSVOA_X

ClientSampleId :

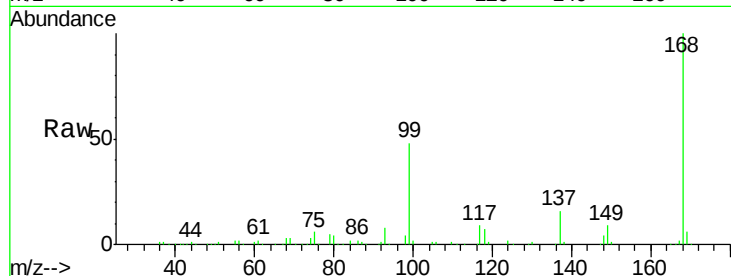
BP-TT-AOC22-MW07-20180424

Tgt Ion:168 Resp: 174268

Ion Ratio Lower Upper

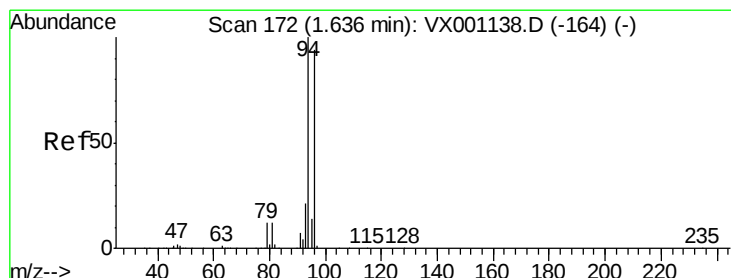
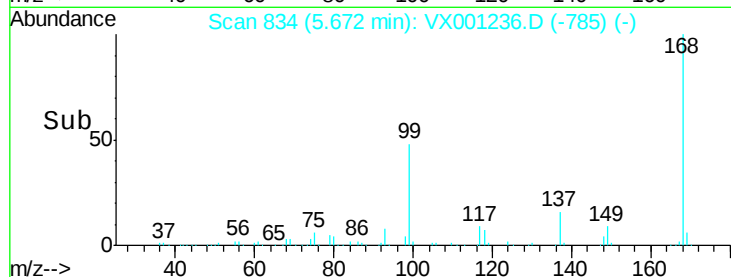
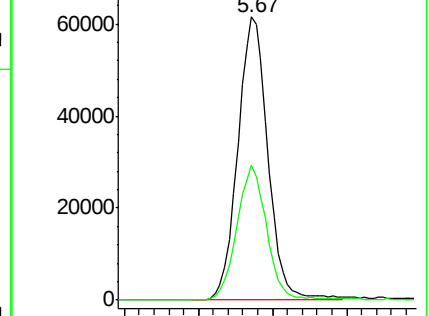
168 100

99 47.7 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX001236.D

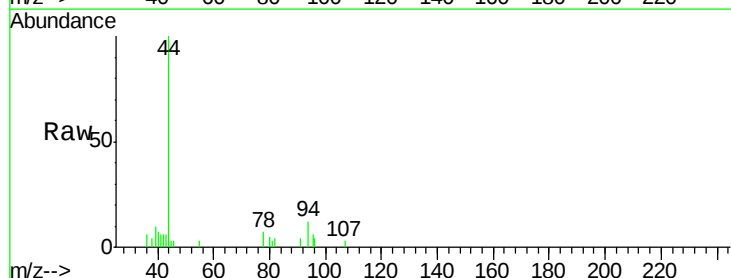
Acq: 29 Apr 2018 01:45

Tgt Ion: 94 Resp: 470

Ion Ratio Lower Upper

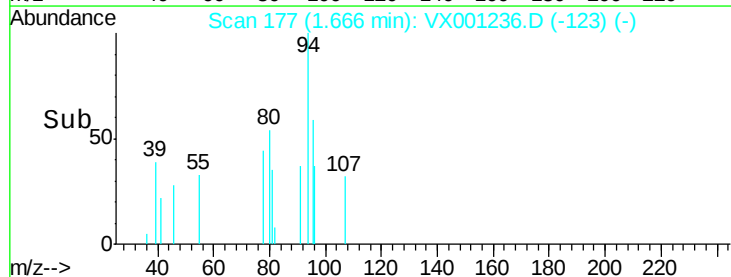
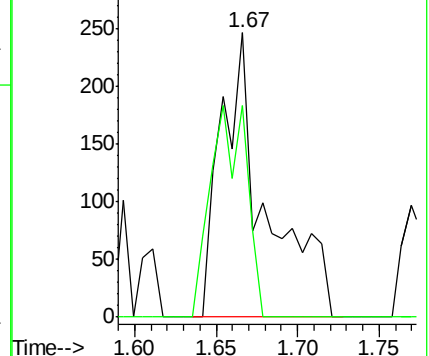
94 100

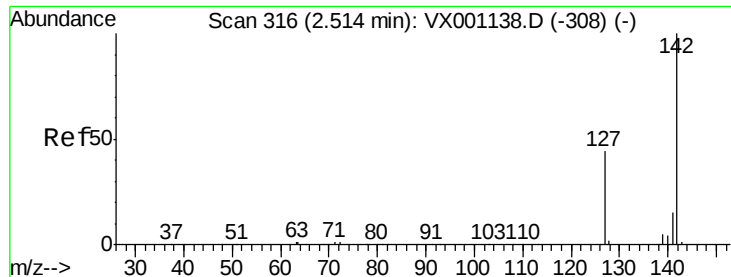
96 74.4 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

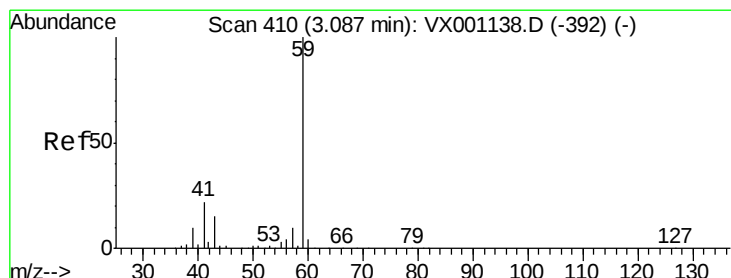
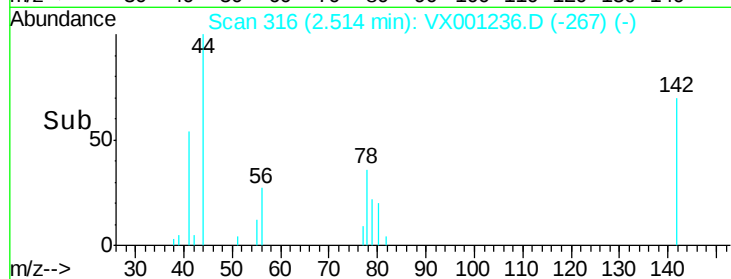
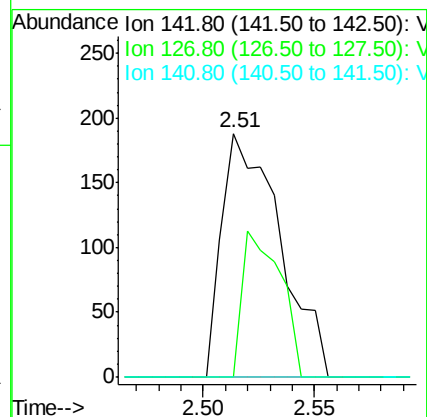
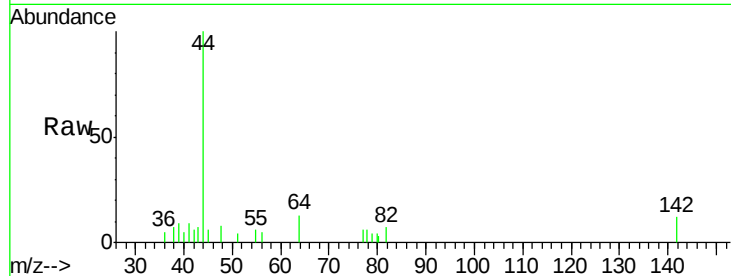




#10
Methyl Iodide
Concen: 7.39 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001236.D
Acq: 29 Apr 2018 01:45

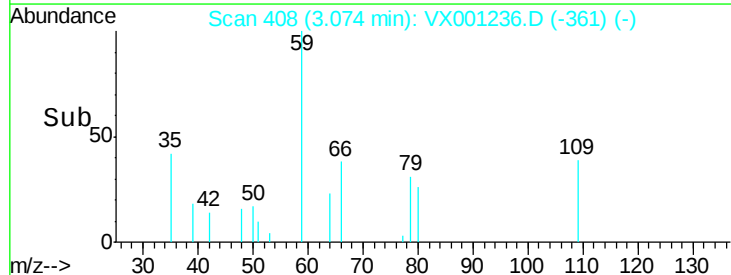
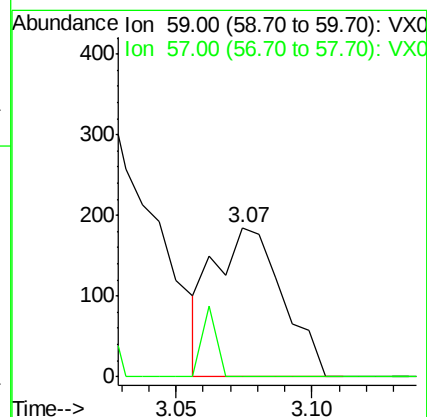
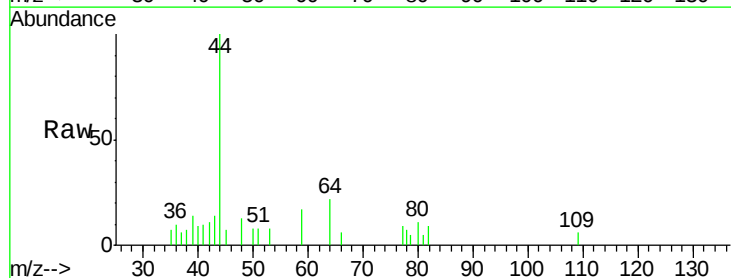
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW07-20180424

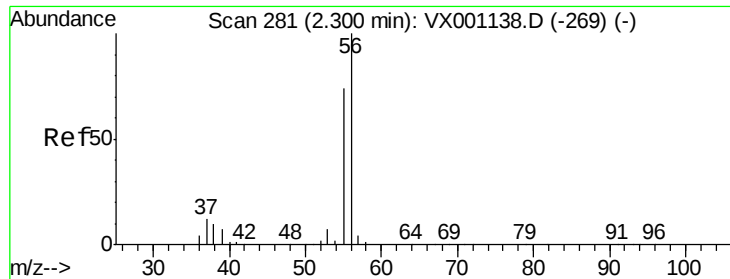
Tgt Ion: 142 Resp: 340
Ion Ratio Lower Upper
142 100
127 39.7 34.7 52.1
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.61 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001236.D
Acq: 29 Apr 2018 01:45

Tgt Ion: 59 Resp: 323
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4





#13

Acrolein

Concen: 0.60 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001236.D

Acq: 29 Apr 2018 01:45

Instrument :

MSVOA_X

ClientSampleId :

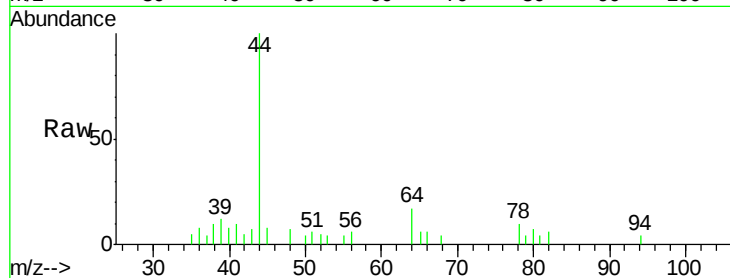
BP-TT-AOC22-MW07-20180424

Tgt Ion: 56 Resp: 120

Ion Ratio Lower Upper

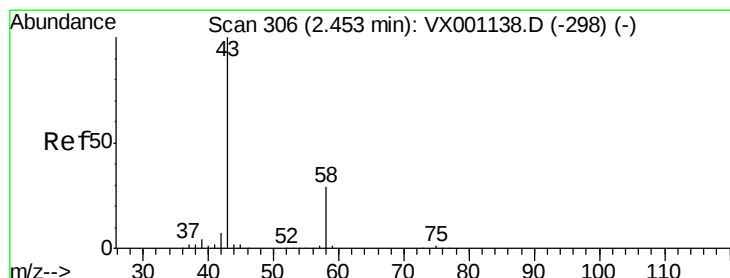
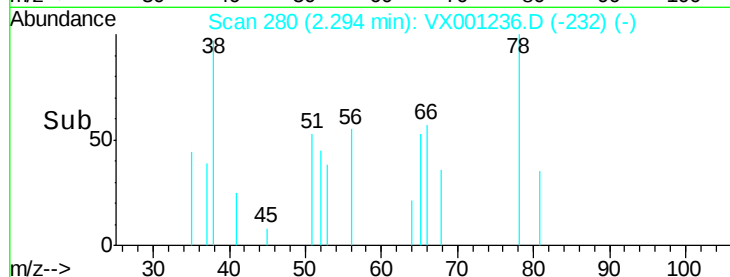
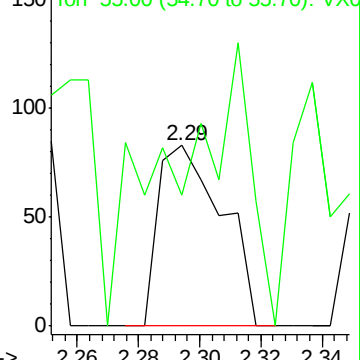
56 100

55 193.3 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 4.16 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001236.D

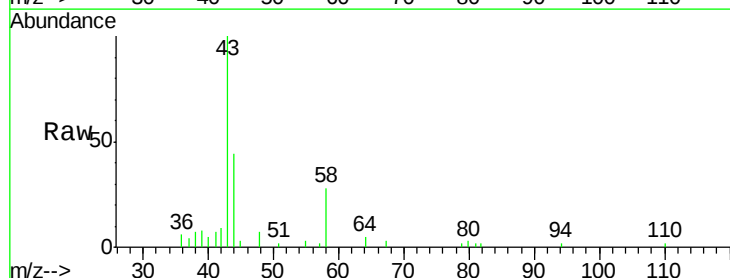
Acq: 29 Apr 2018 01:45

Tgt Ion: 43 Resp: 4621

Ion Ratio Lower Upper

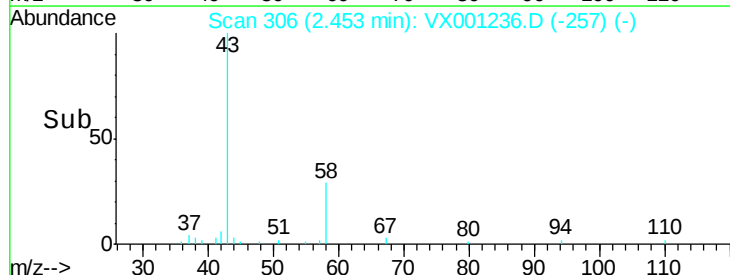
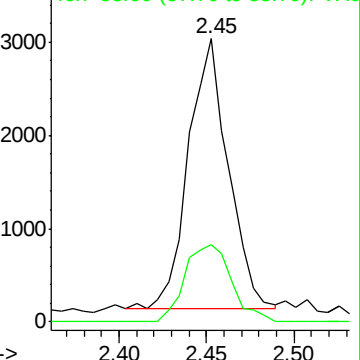
43 100

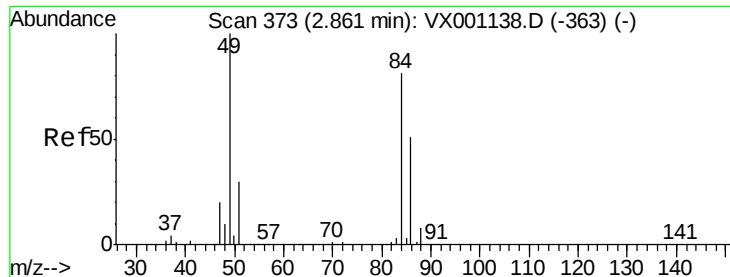
58 28.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

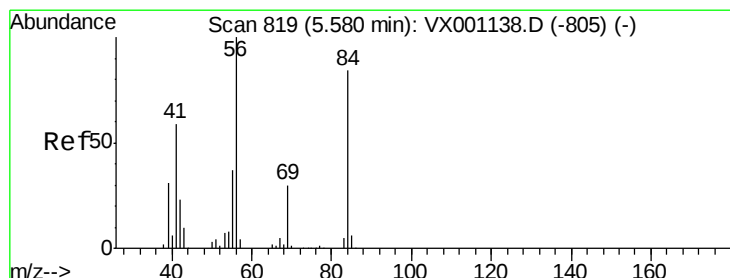
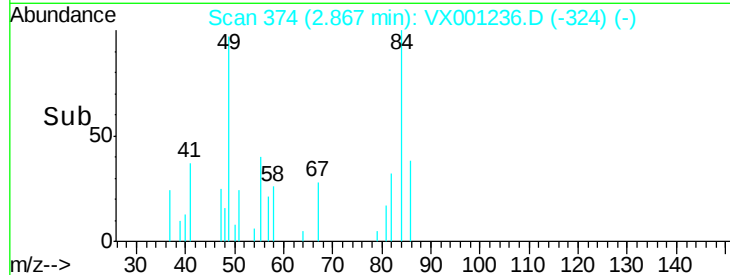
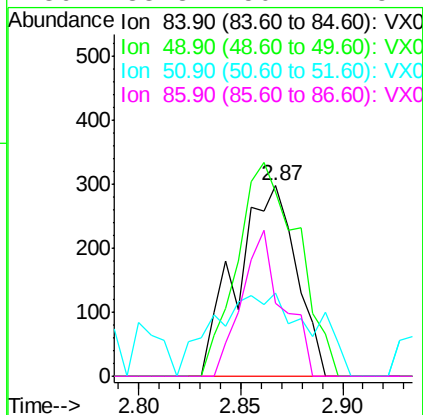
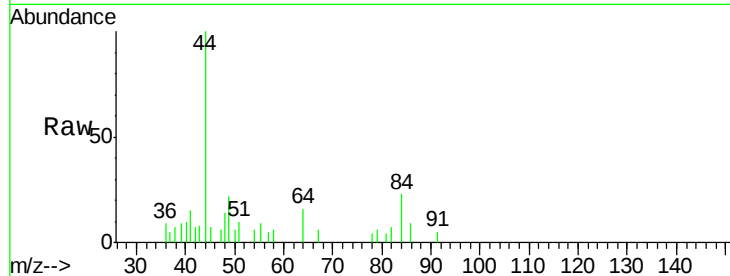




#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001236.D
Acq: 29 Apr 2018 01:45

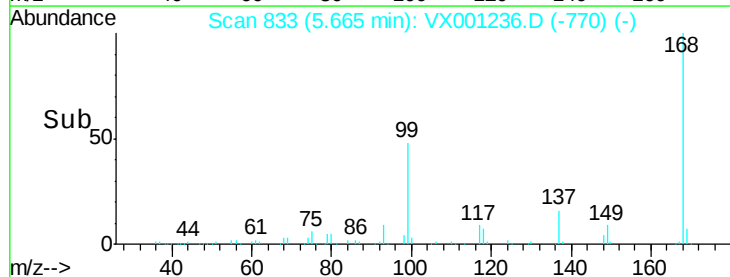
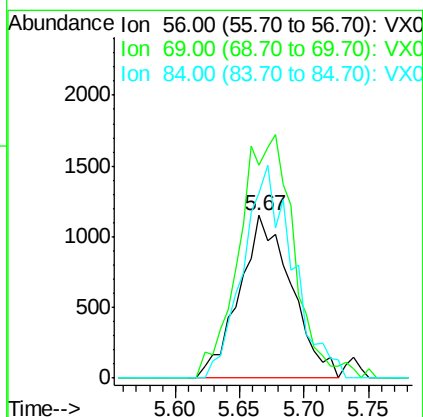
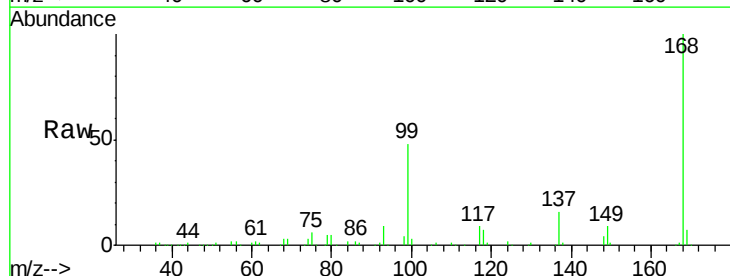
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW07-20180424

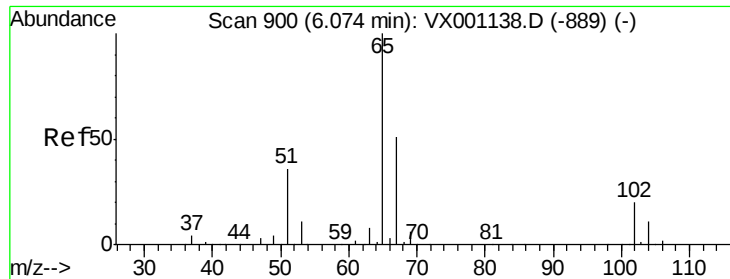
Tgt Ion: 84 Resp: 606
Ion Ratio Lower Upper
84 100
49 97.0 99.2 148.8#
51 26.2 29.5 44.3#
86 38.3 50.2 75.2#



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001236.D
Acq: 29 Apr 2018 01:45

Tgt Ion: 56 Resp: 3231
Ion Ratio Lower Upper
56 100
69 130.8 24.2 36.2#
84 113.9 67.5 101.3#

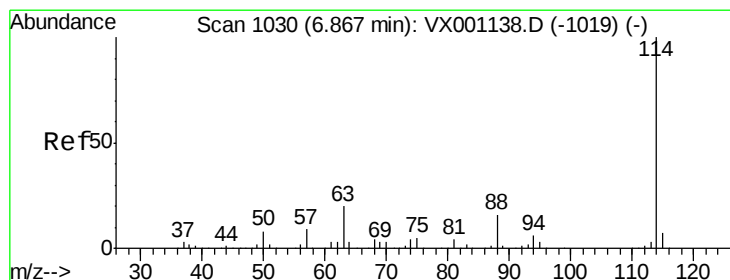
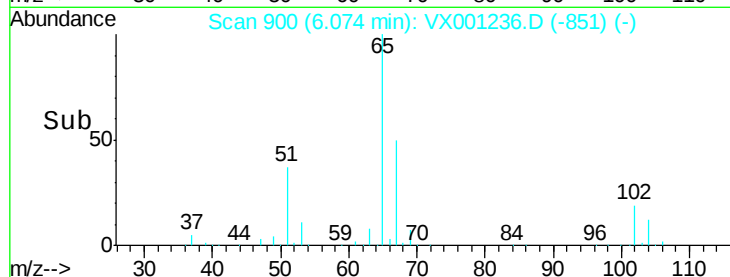
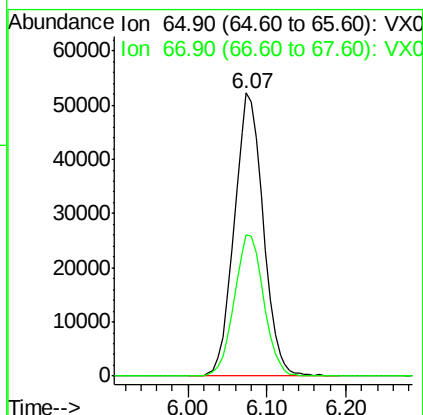
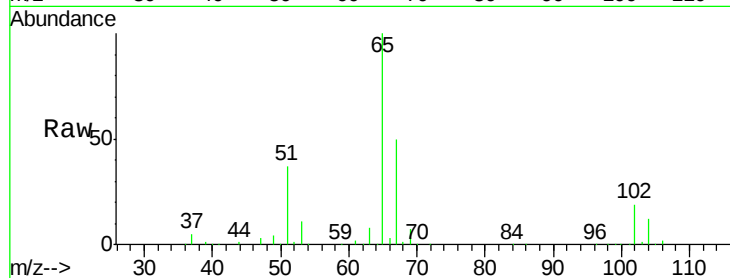




#33
 1,2-Dichloroethane-d4
 Concen: 49.29 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001236.D
 Acq: 29 Apr 2018 01:45

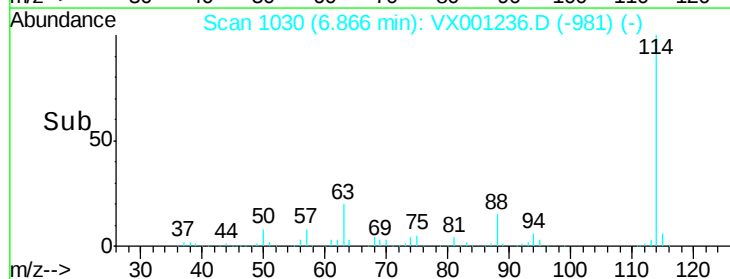
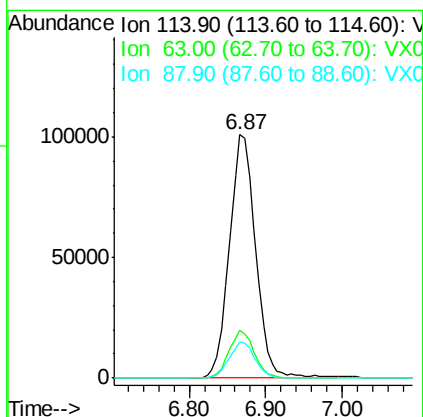
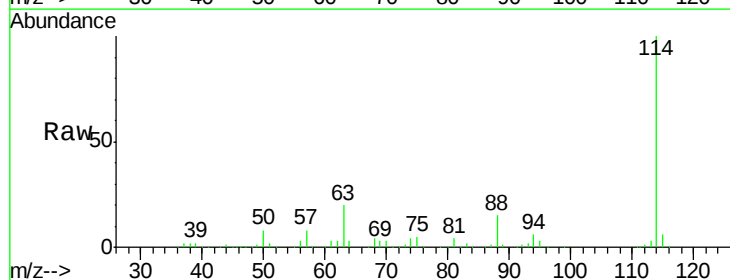
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW07-20180424

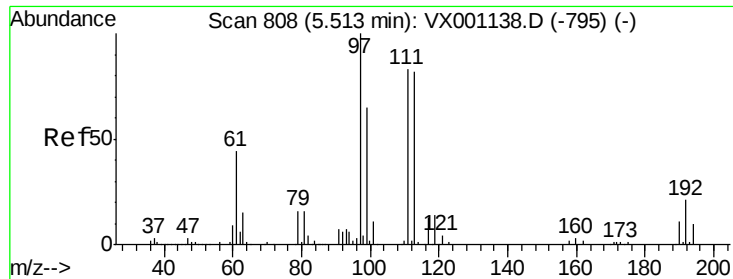
Tgt Ion: 65 Resp: 133143
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001236.D
 Acq: 29 Apr 2018 01:45

Tgt Ion: 114 Resp: 240191
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.4
 88 15.0 0.0 31.8

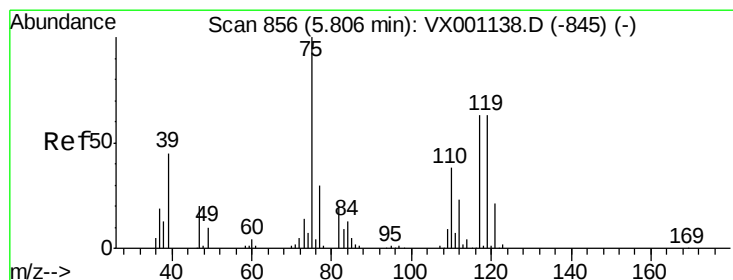
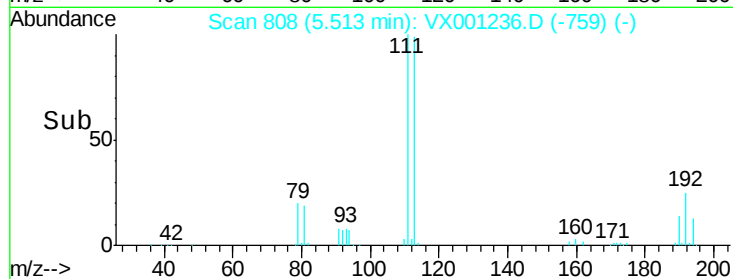
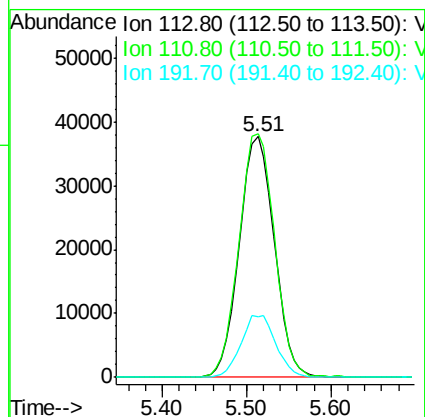
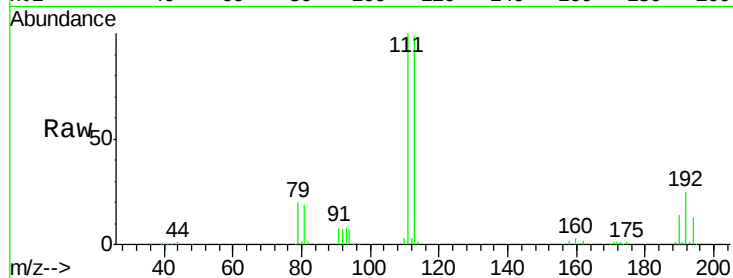




#35
 Dibromofluoromethane
 Concen: 53.44 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001236.D
 Acq: 29 Apr 2018 01:45

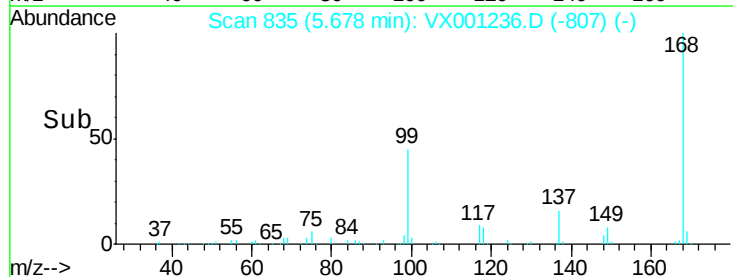
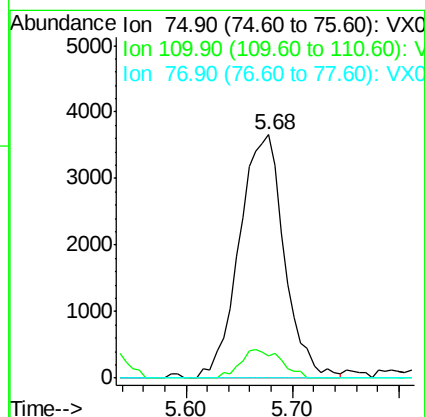
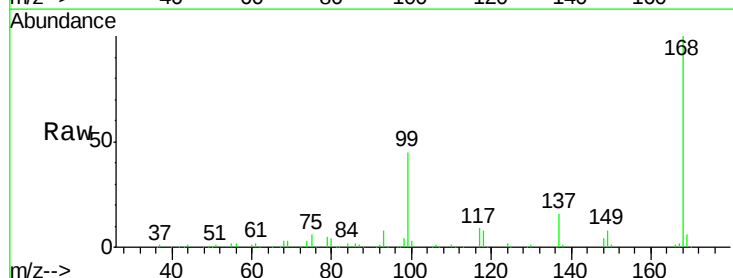
Instrument :
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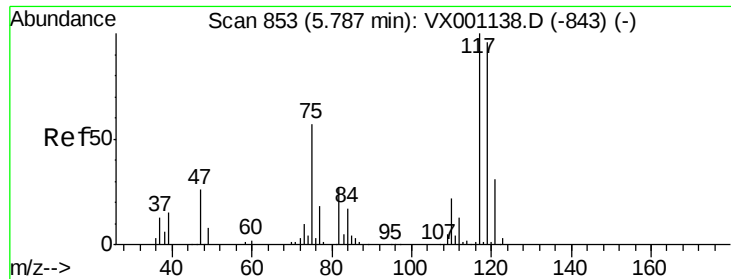
Tgt Ion:113 Resp: 106243
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 25.6 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 4.09 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX001236.D
 Acq: 29 Apr 2018 01:45

Tgt Ion: 75 Resp: 10829
 Ion Ratio Lower Upper
 75 100
 110 10.6 19.0 57.0#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.48 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.11 min

Lab File: VX001236.D

Acq: 29 Apr 2018 01:45

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW07-20180424

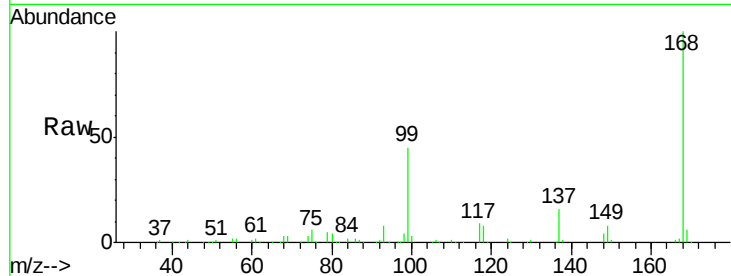
Tgt Ion:117 Resp: 14875

Ion Ratio Lower Upper

117 100

119 4.1 76.5 114.7#

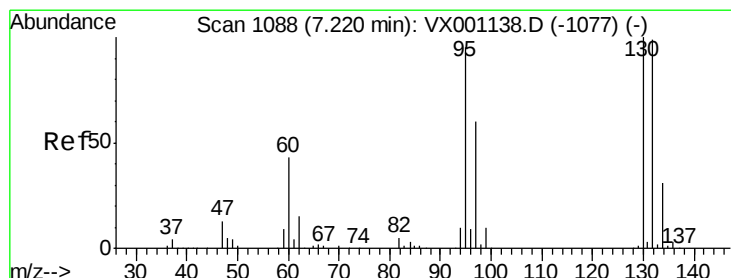
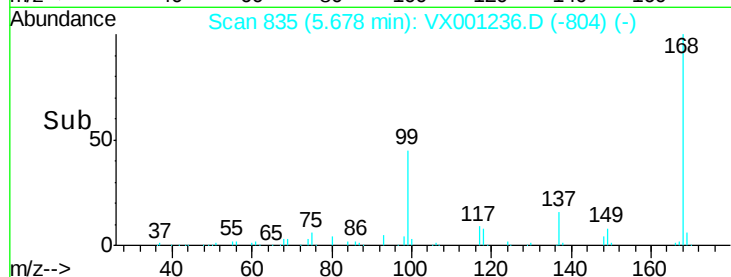
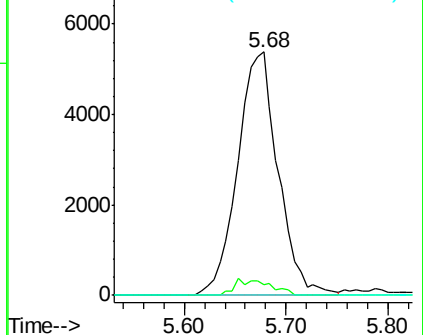
121 0.0 24.6 37.0#



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



#44

Trichloroethene

Concen: 0.42 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX001236.D

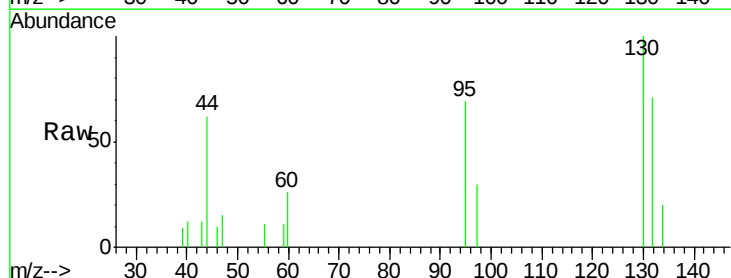
Acq: 29 Apr 2018 01:45

Tgt Ion:130 Resp: 957

Ion Ratio Lower Upper

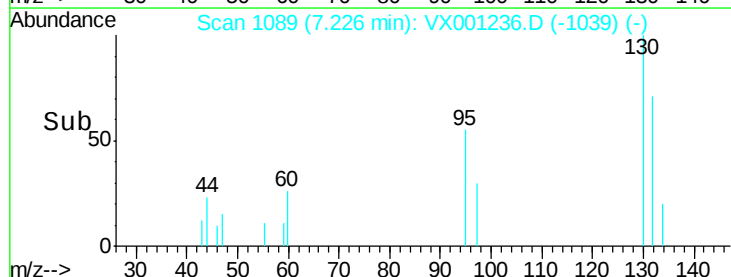
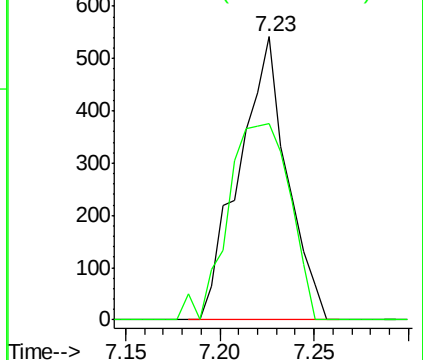
130 100

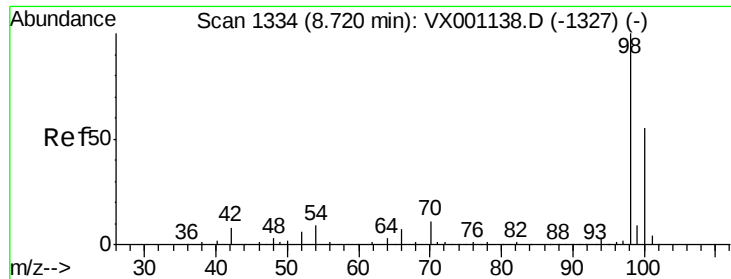
95 69.2 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 53.85 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001236.D

Acq: 29 Apr 2018 01:45

Instrument :

MSVOA_X

ClientSampleId :

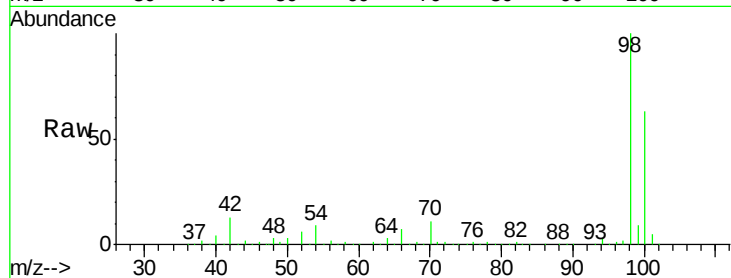
BP-TT-AOC22-MW07-20180424

Tgt Ion: 98 Resp: 404023

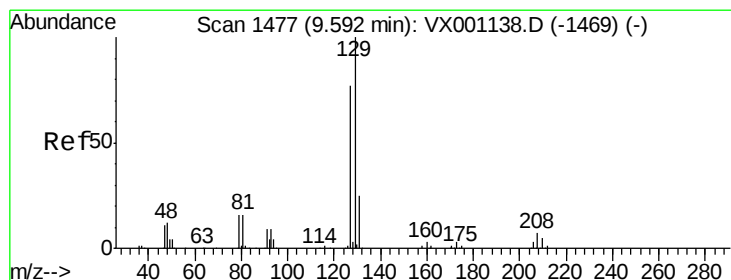
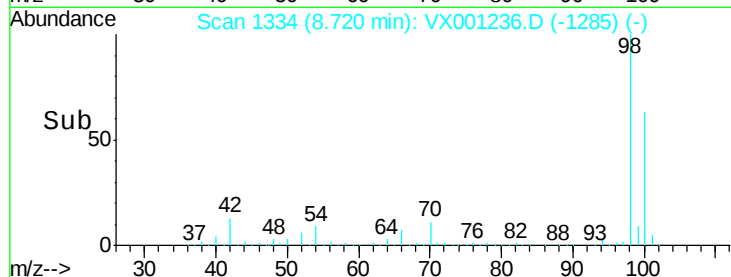
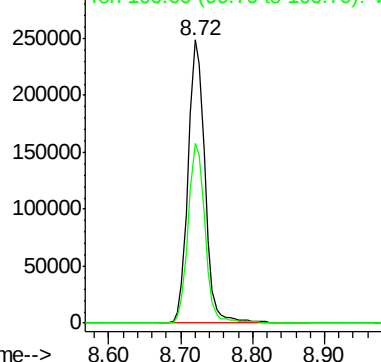
Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX001138.D (-1327) (-)



#60

Dibromochloromethane

Concen: 3.38 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001236.D

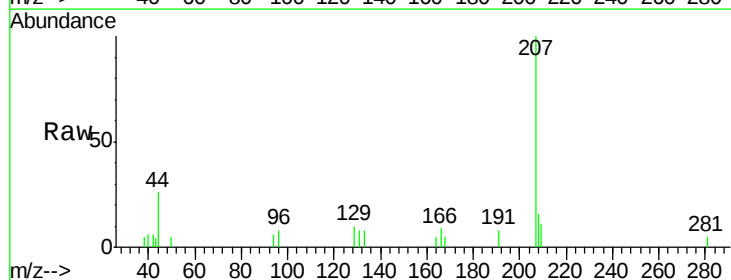
Acq: 29 Apr 2018 01:45

Tgt Ion: 129 Resp: 93

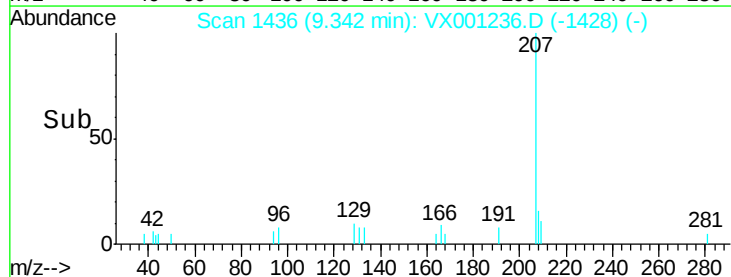
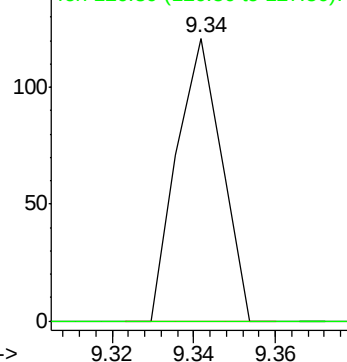
Ion Ratio Lower Upper

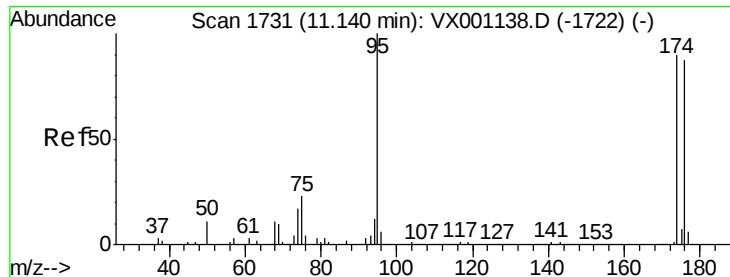
129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): VX001138.D (-1469) (-)

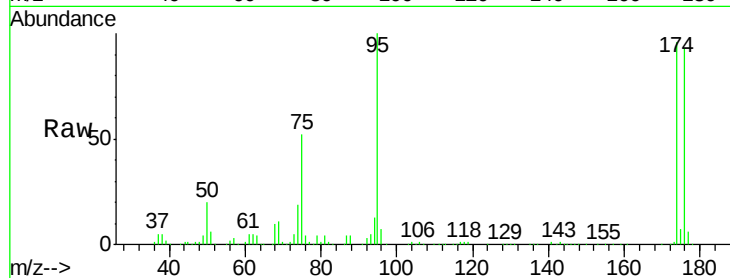




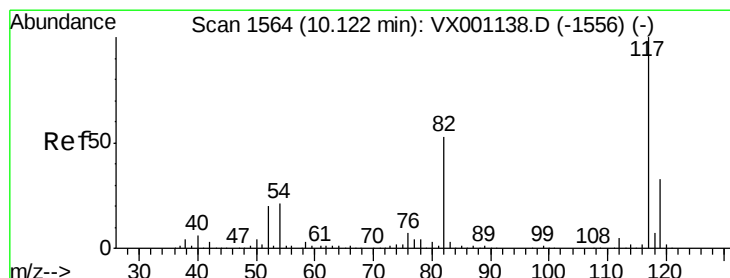
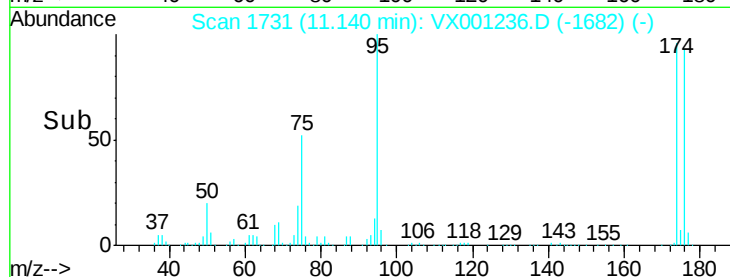
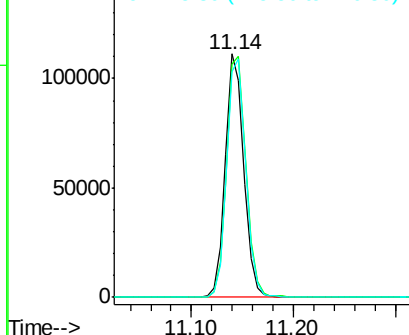
#62
 4-Bromofluorobenzene
 Concen: 47.65 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001236.D
 Acq: 29 Apr 2018 01:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW07-20180424

Tgt Ion: 95 Resp: 139667
 Ion Ratio Lower Upper
 95 100
 174 103.0 0.0 194.4
 176 100.4 0.0 190.2

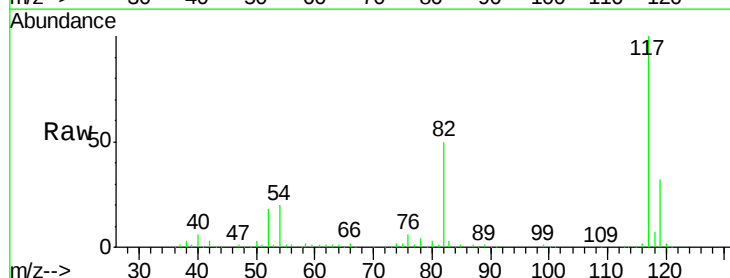


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

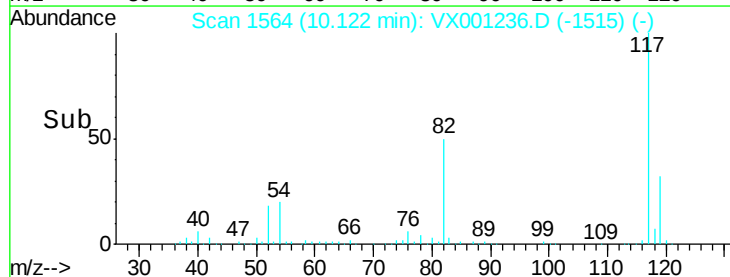
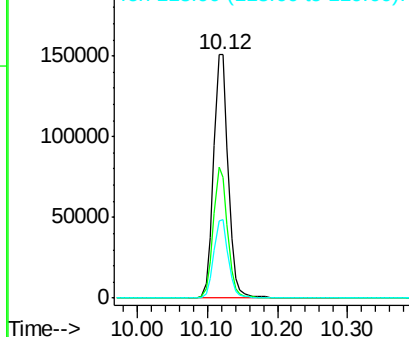


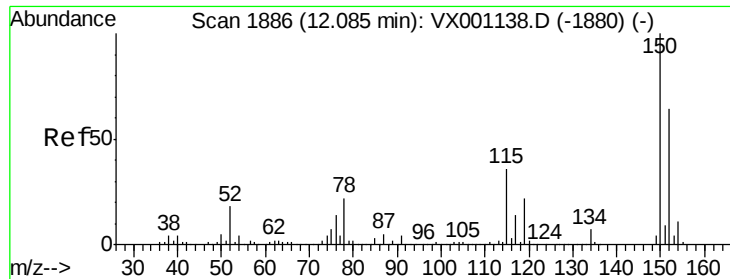
#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VX001236.D
 Acq: 29 Apr 2018 01:45

Tgt Ion: 117 Resp: 220117
 Ion Ratio Lower Upper
 117 100
 82 49.9 42.1 63.1
 119 32.2 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): 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: VX001236.D

Acq: 29 Apr 2018 01:45

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW07-20180424

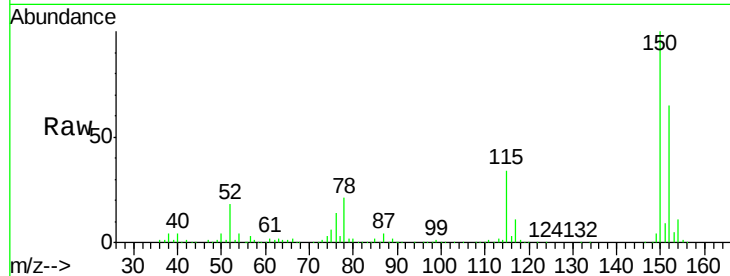
Tgt Ion:152 Resp: 130314

Ion Ratio Lower Upper

152 100

115 52.7 38.0 114.0

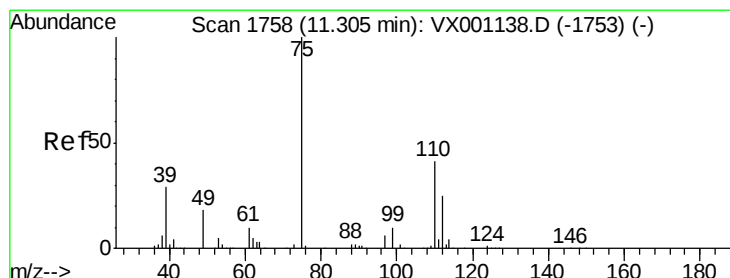
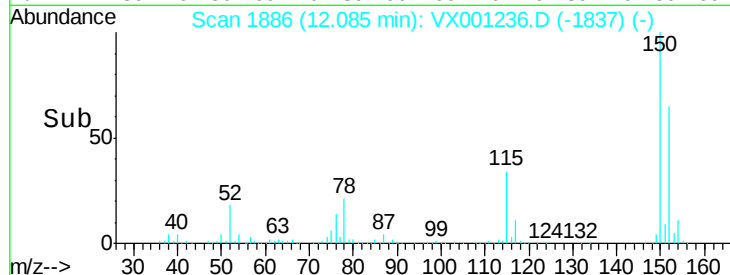
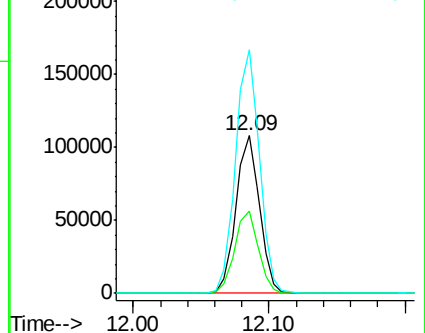
150 156.7 0.0 349.6



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: 27.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001236.D

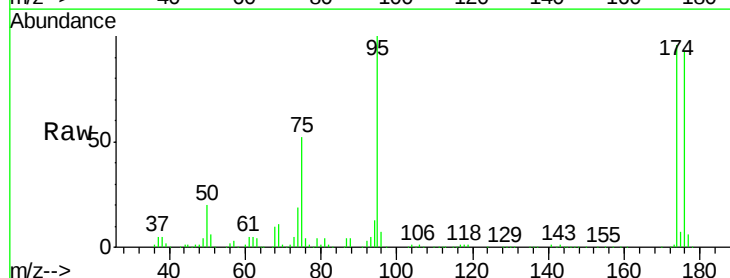
Acq: 29 Apr 2018 01:45

Tgt Ion: 75 Resp: 73088

Ion Ratio Lower Upper

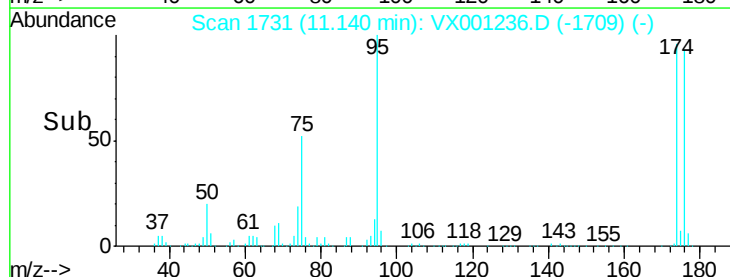
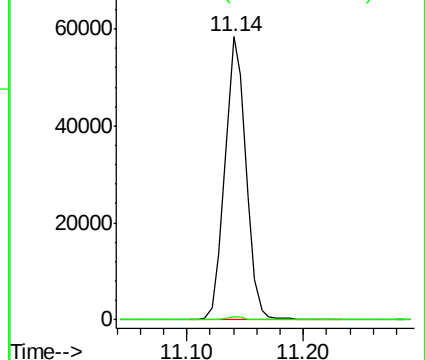
75 100

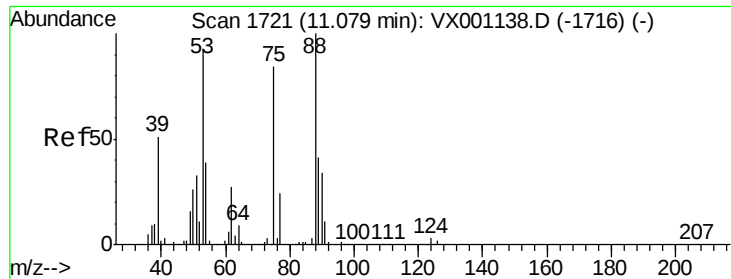
77 1.2 18.9 56.9#



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: 83.70 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001236.D
 Acq: 29 Apr 2018 01:45

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW07-20180424

Tgt Ion: 75 Resp: 73088
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.1 37.7 56.5#

