

Data File : VX001238.D
Acq On : 29 Apr 2018 02:36
Operator : JC/MD
Sample : J2600-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20180424

Quant Time: Apr 30 01:42:52 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	5.68	168	173432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	240768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	217224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119928	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	136496	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	5.51	113	108270	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
50) Toluene-d8	8.72	98	410166	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.14	95	137820	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	

Target Compounds				Qvalue		
5) Bromomethane	1.67	94	231	Below Cal		86
10) Methyl Iodide	2.51	142	275	7.36 ug/l #		76
16) Acetone	2.45	43	1357	1.23 ug/l		92
20) Methylene Chloride	2.85	84	432	0.21 ug/l		92
31) Cyclohexane	5.67	56	3075	1.08 ug/l #		2
36) 1,1-Dichloropropene	5.67	75	10936	4.12 ug/l #		50
38) Carbon Tetrachloride	5.67	117	14977	5.51 ug/l #		16
44) Trichloroethene	7.22	130	2691	1.18 ug/l		99
54) cis-1,3-Dichloropropene	9.05	75	19	3.19 ug/l #		1
60) Dibromochloromethane	9.34	129	140	3.40 ug/l #		11
76) 1,2,3-Trichloropropane	11.14	75	70653	28.93 ug/l #		39
81) trans-1,4-Dichloro-2-buten	11.14	75	70653	87.66 ug/l #		6

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

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Instrument :

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BP-TT-AOC22-MW09-20180424

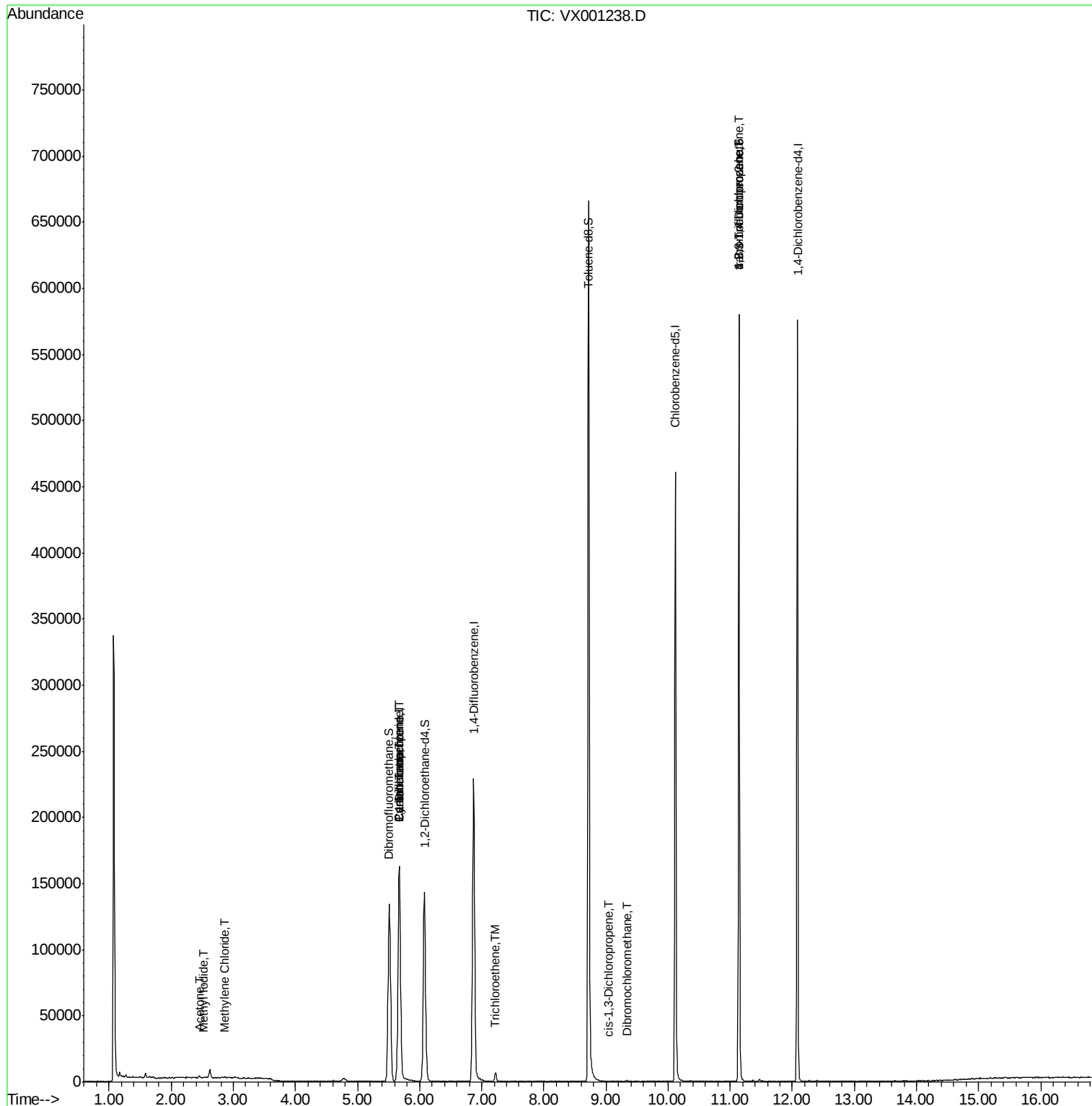
Quant Time: Apr 30 01:42:52 2018

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: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX001238.D

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Instrument :

MSVOA_X

ClientSampleId :

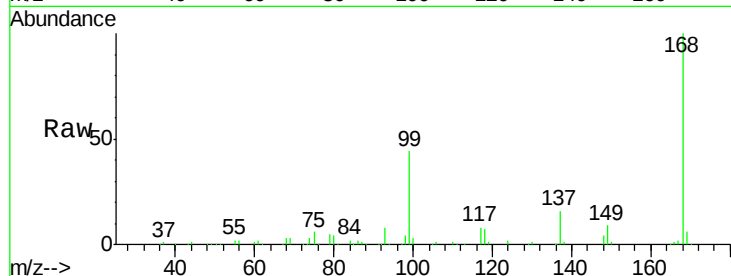
BP-TT-AOC22-MW09-20180424

Tgt Ion:168 Resp: 173432

Ion Ratio Lower Upper

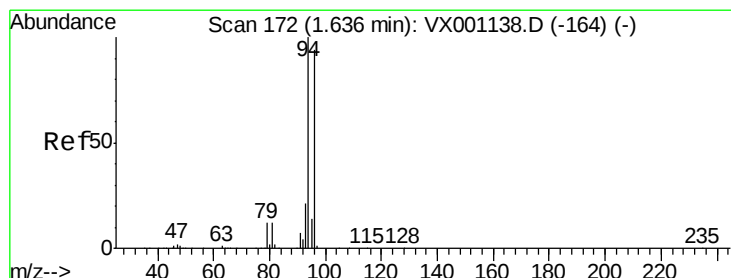
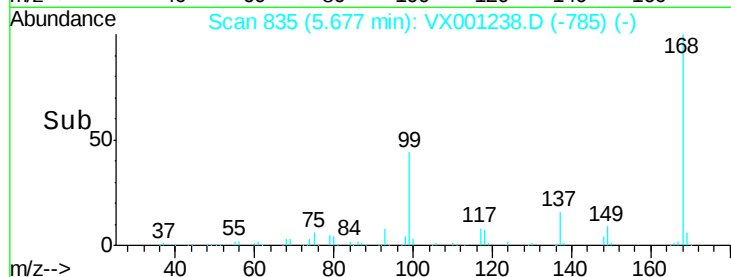
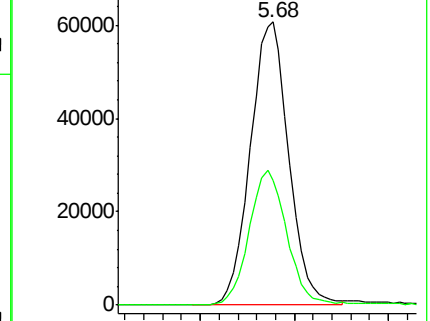
168 100

99 43.8 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: VX001238.D

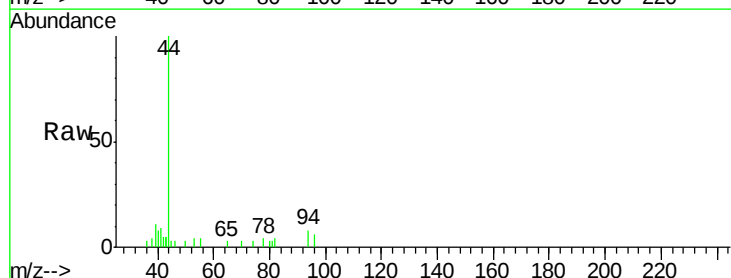
Acq: 29 Apr 2018 02:36

Tgt Ion: 94 Resp: 231

Ion Ratio Lower Upper

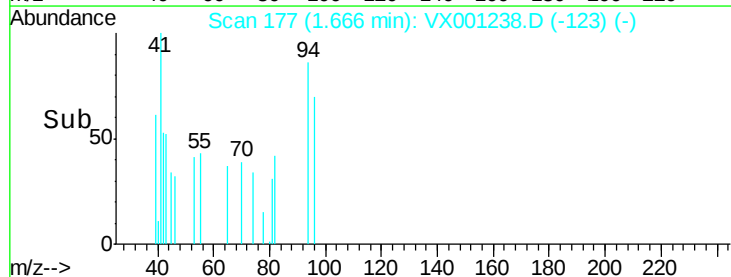
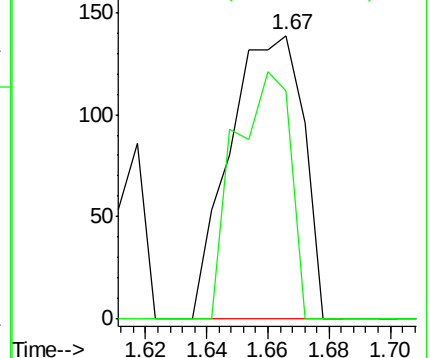
94 100

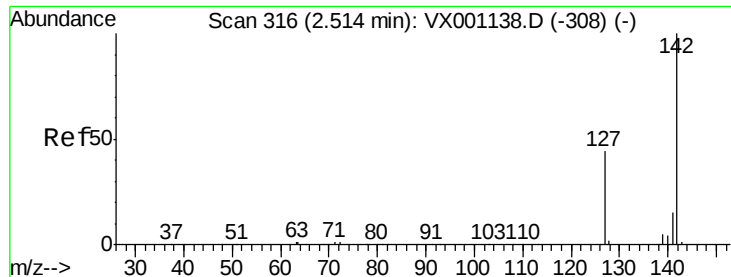
96 80.6 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

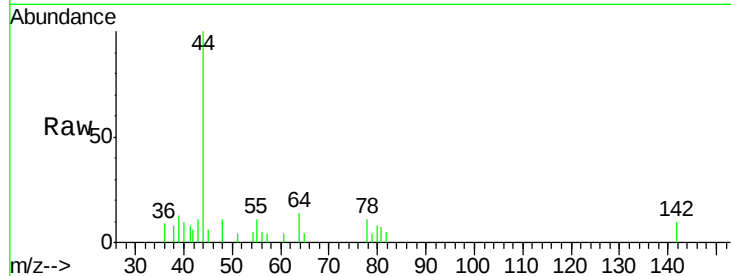




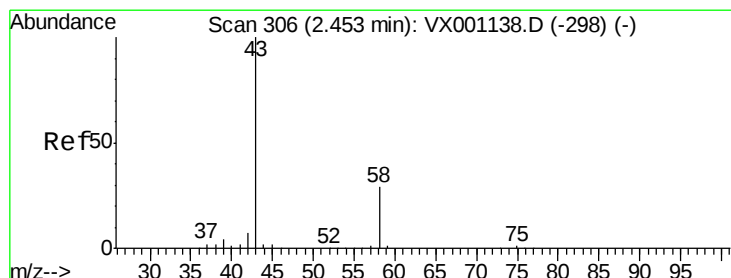
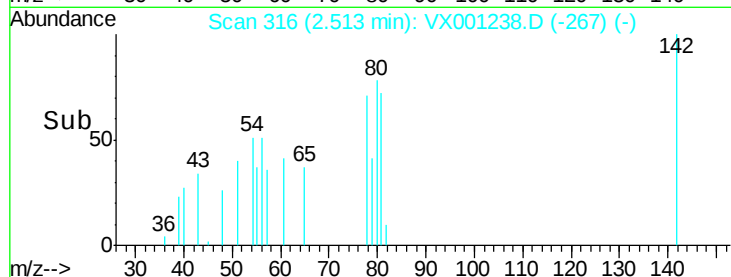
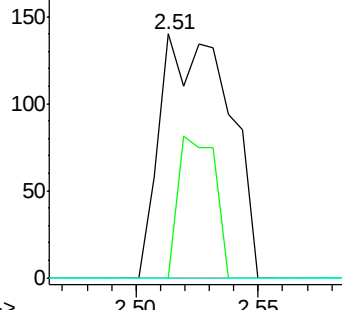
#10
Methyl Iodide
Concen: 7.36 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001238.D
Acq: 29 Apr 2018 02:36

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20180424

Tgt Ion: 142 Resp: 275
Ion Ratio Lower Upper
142 100
127 30.5 34.7 52.1#
141 0.0 11.6 17.4#

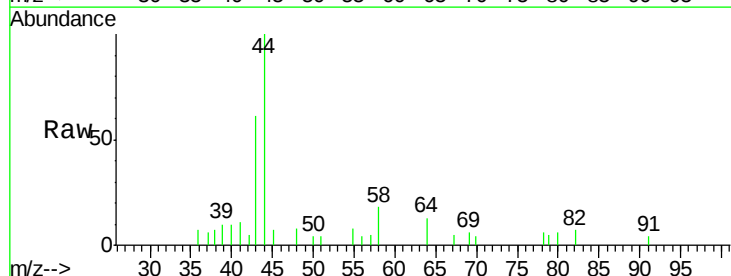


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

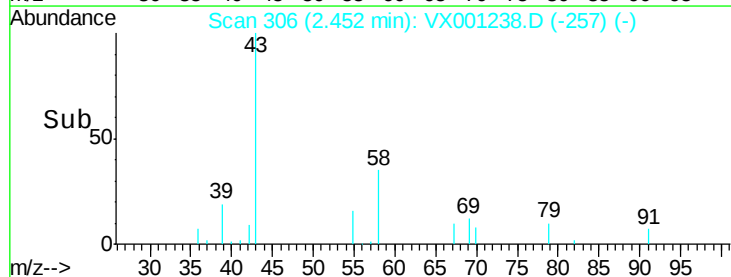
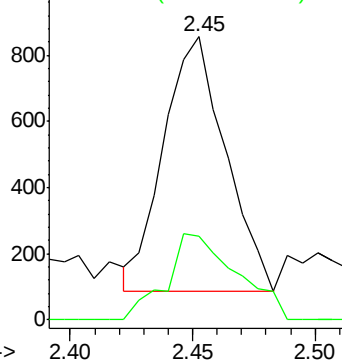


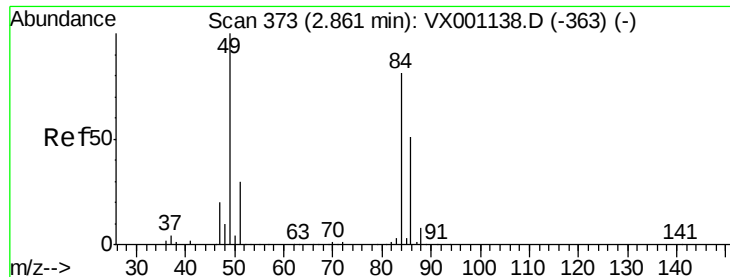
#16
Acetone
Concen: 1.23 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001238.D
Acq: 29 Apr 2018 02:36

Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 32.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

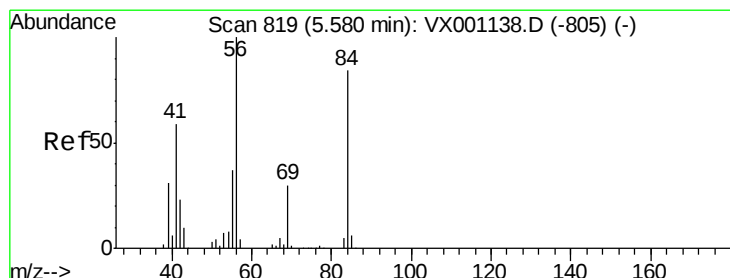
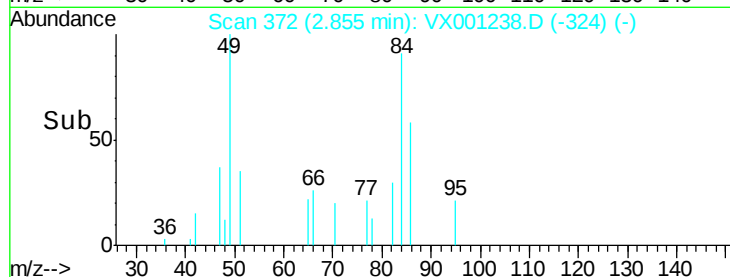
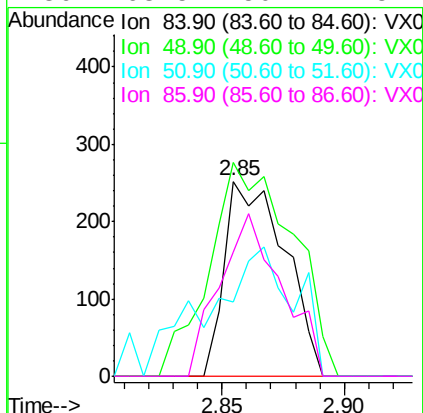
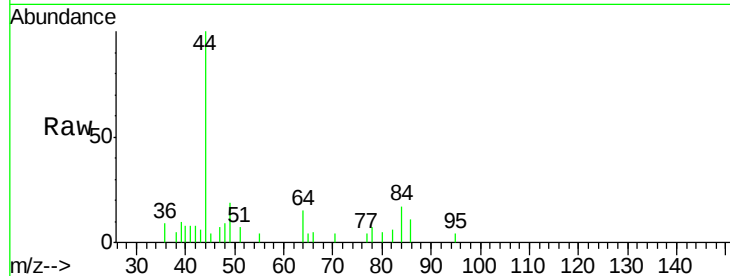




#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001238.D
Acq: 29 Apr 2018 02:36

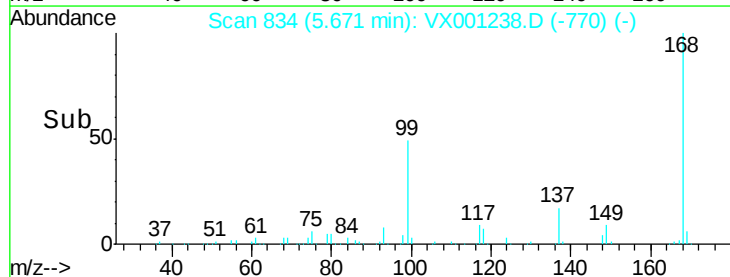
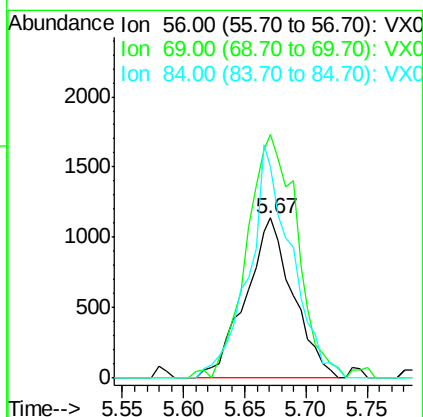
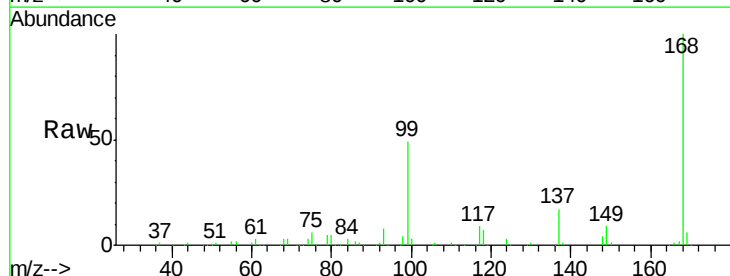
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20180424

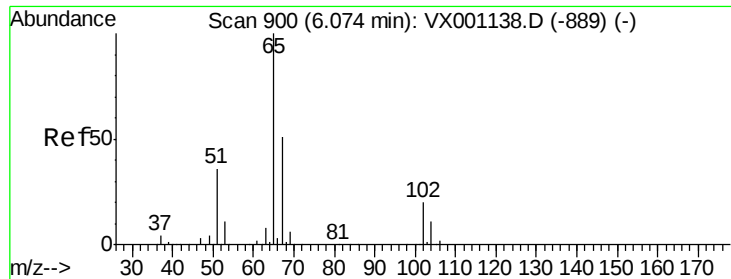
Tgt Ion:	84	Resp:	432
Ion	Ratio	Lower	Upper
84	100		
49	109.5	99.2	148.8
51	38.5	29.5	44.3
86	63.5	50.2	75.2



#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001238.D
Acq: 29 Apr 2018 02:36

Tgt Ion:	56	Resp:	3075
Ion	Ratio	Lower	Upper
56	100		
69	151.8	24.2	36.2#
84	132.1	67.5	101.3#





#33

1,2-Dichloroethane-d4

Concen: 50.77 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001238.D

Acq: 29 Apr 2018 02:36

Instrument :

MSVOA_X

ClientSampleId :

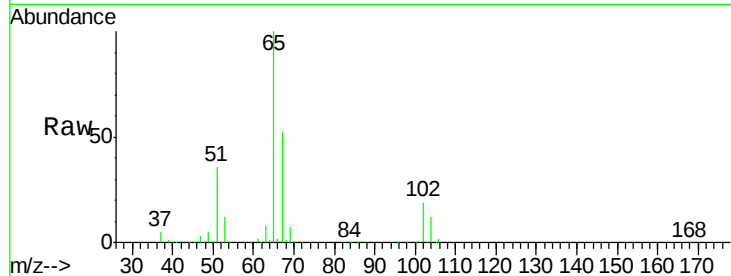
BP-TT-AOC22-MW09-20180424

Tgt Ion: 65 Resp: 136496

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

50000

40000

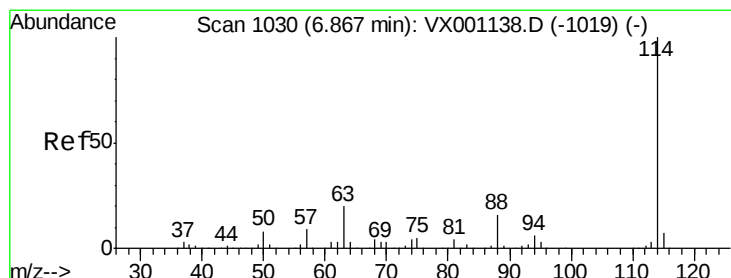
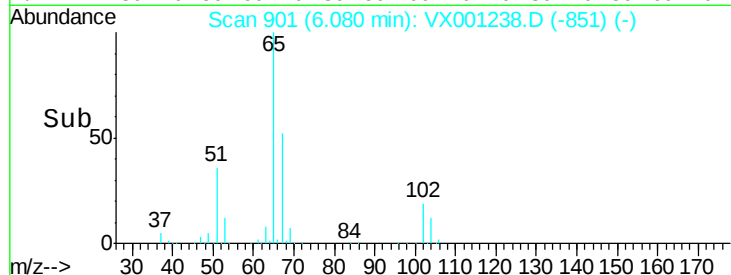
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001238.D

Acq: 29 Apr 2018 02:36

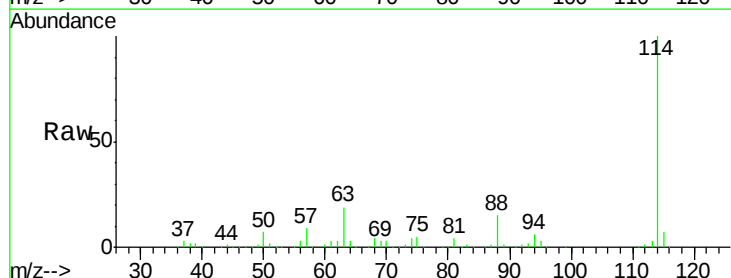
Tgt Ion: 114 Resp: 240768

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.4

88 15.1 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

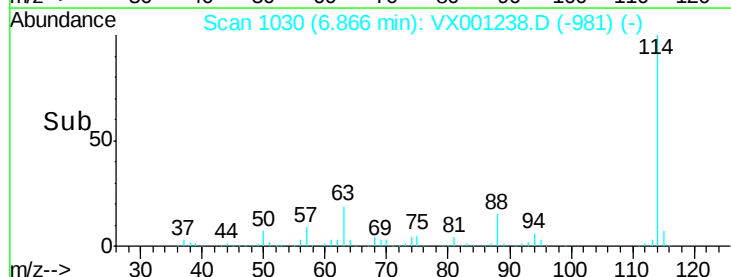
6.87

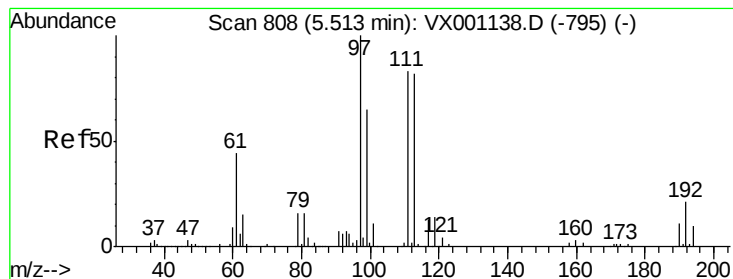
100000

50000

0

Time--> 6.80 7.00





#35

Dibromofluoromethane

Concen: 54.33 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001238.D

Acq: 29 Apr 2018 02:36

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20180424

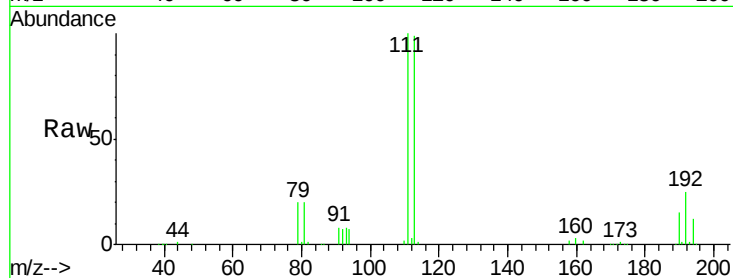
Tgt Ion:113 Resp: 108270

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

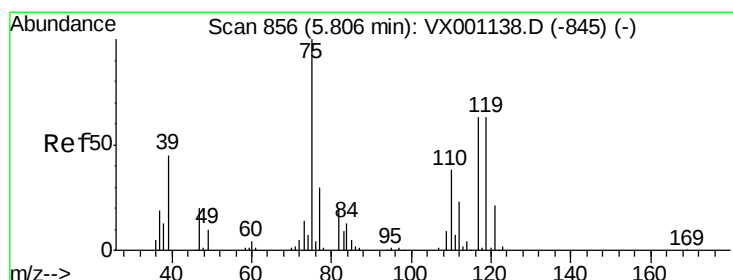
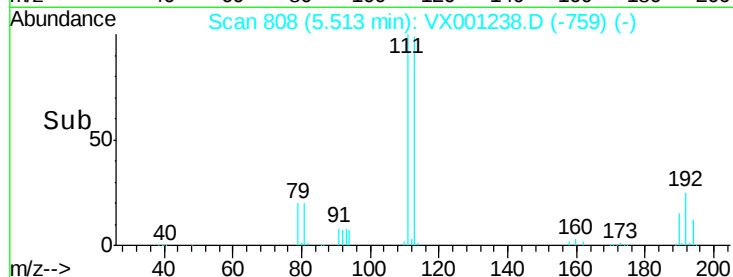
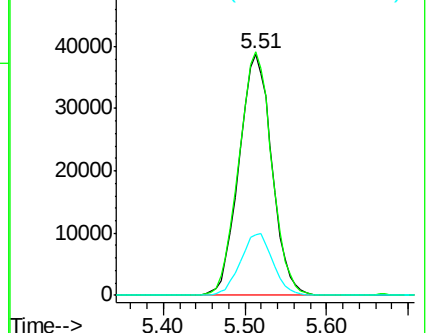
192 25.4 20.6 30.8



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: 4.12 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001238.D

Acq: 29 Apr 2018 02:36

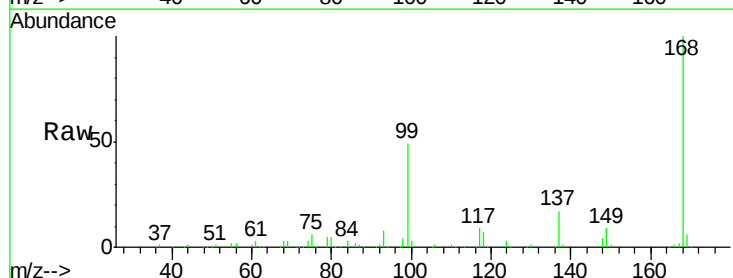
Tgt Ion: 75 Resp: 10936

Ion Ratio Lower Upper

75 100

110 10.6 19.0 57.0#

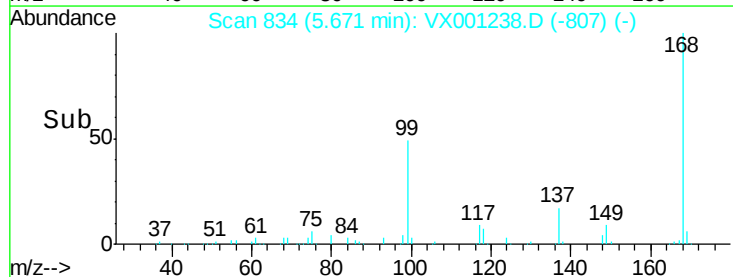
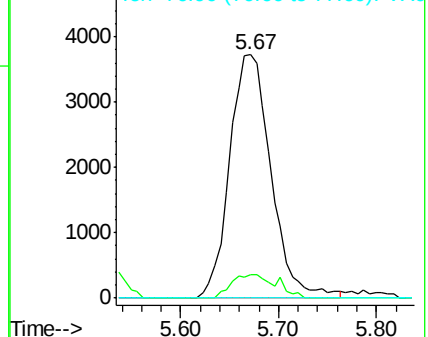
77 0.0 24.8 37.2#

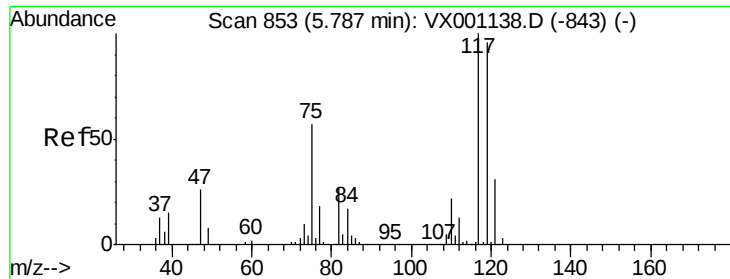


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

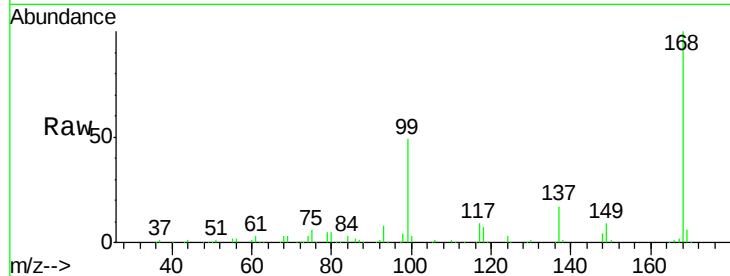




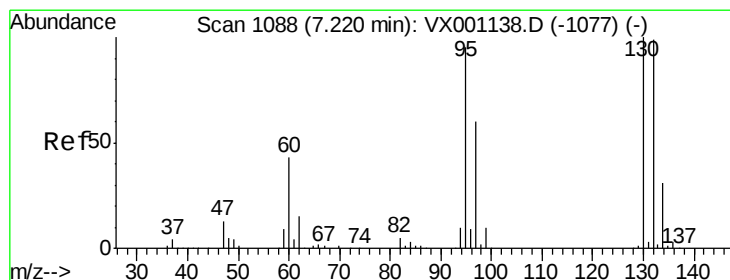
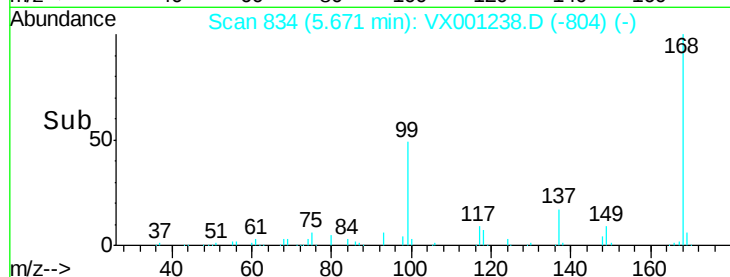
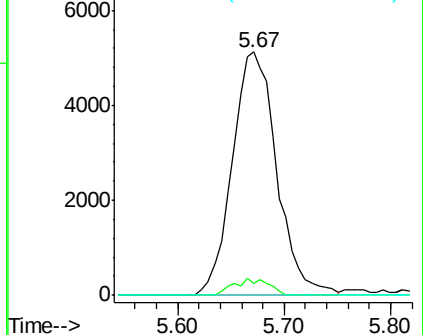
#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001238.D
Acq: 29 Apr 2018 02:36

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20180424

Tgt Ion:117 Resp: 14977
Ion Ratio Lower Upper
117 100
119 5.1 76.5 114.7#
121 0.0 24.6 37.0#

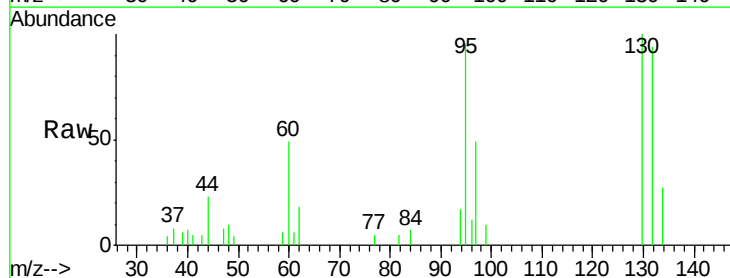


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

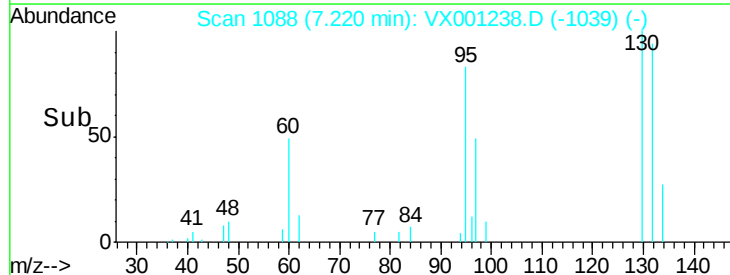
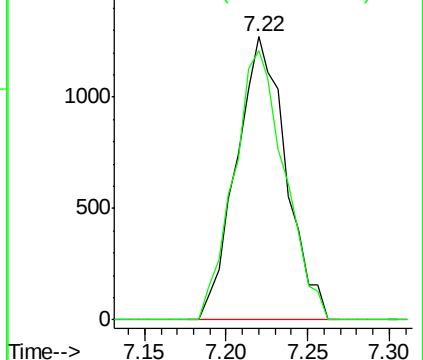


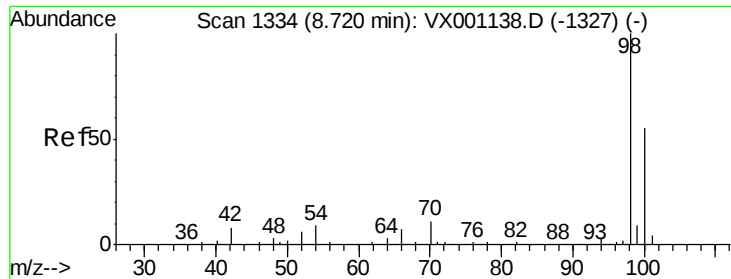
#44
Trichloroethene
Concen: 1.18 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001238.D
Acq: 29 Apr 2018 02:36

Tgt Ion:130 Resp: 2691
Ion Ratio Lower Upper
130 100
95 95.4 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 54.54 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001238.D

Acq: 29 Apr 2018 02:36

Instrument :

MSVOA_X

ClientSampleId :

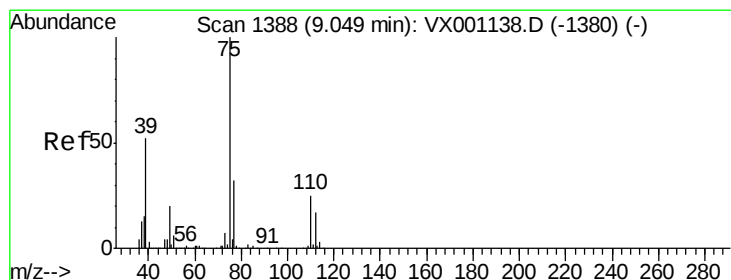
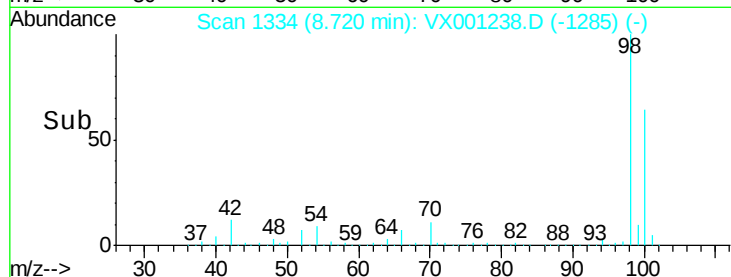
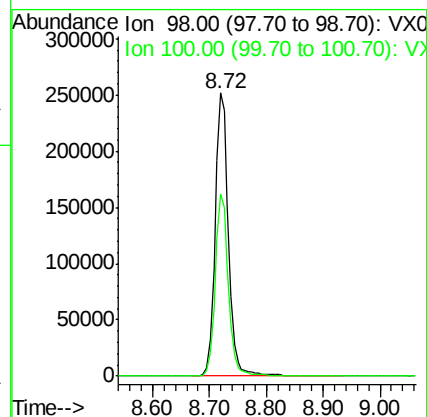
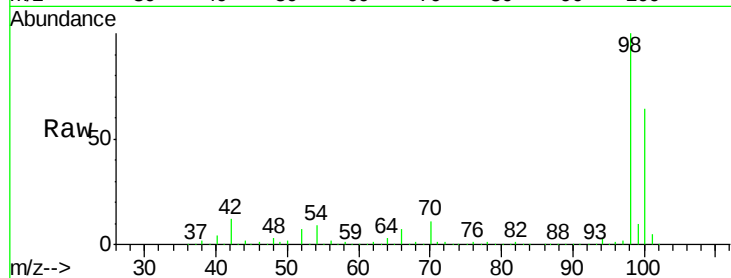
BP-TT-AOC22-MW09-20180424

Tgt Ion: 98 Resp: 410166

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6



#54

cis-1,3-Dichloropropene

Concen: 3.19 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001238.D

Acq: 29 Apr 2018 02:36

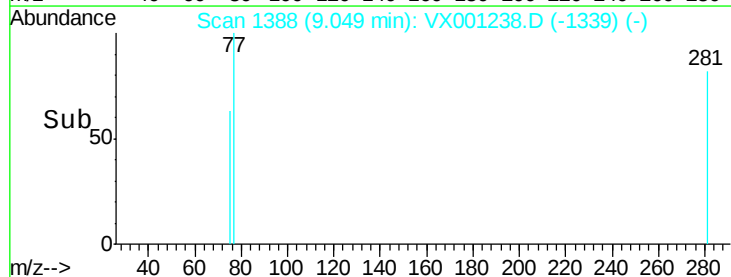
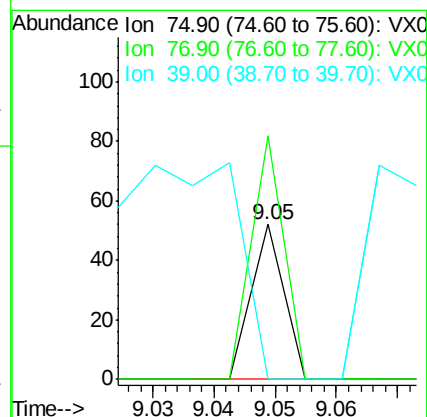
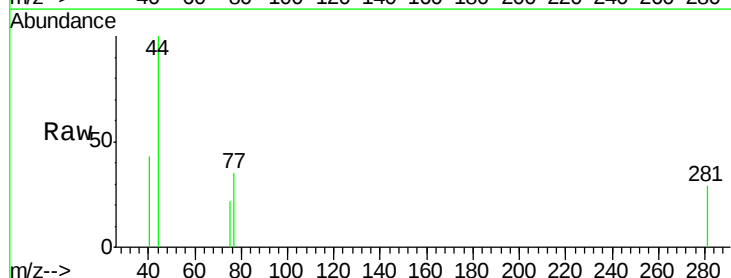
Tgt Ion: 75 Resp: 19

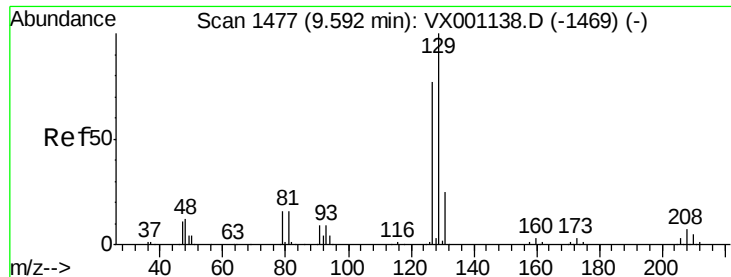
Ion Ratio Lower Upper

75 100

77 157.7 25.4 38.2#

39 0.0 42.0 63.0#





#60

Dibromochloromethane

Concen: 3.40 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.26 min

Lab File: VX001238.D

Acq: 29 Apr 2018 02:36

Instrument :

MSVOA_X

ClientSampleId :

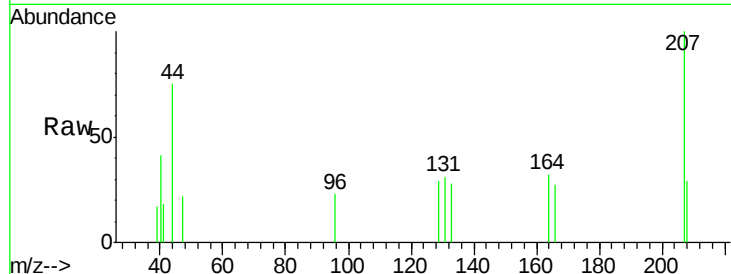
BP-TT-AOC22-MW09-20180424

Tgt Ion:129 Resp: 140

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

9.34

80

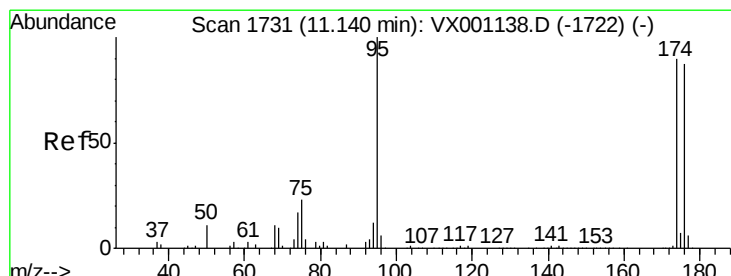
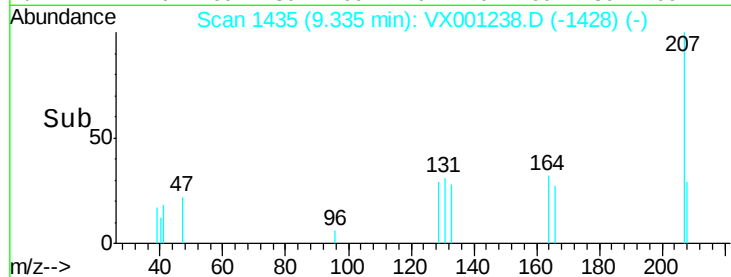
60

40

20

0

Time--> 9.30 9.32 9.34 9.36 9.38



#62

4-Bromofluorobenzene

Concen: 46.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001238.D

Acq: 29 Apr 2018 02:36

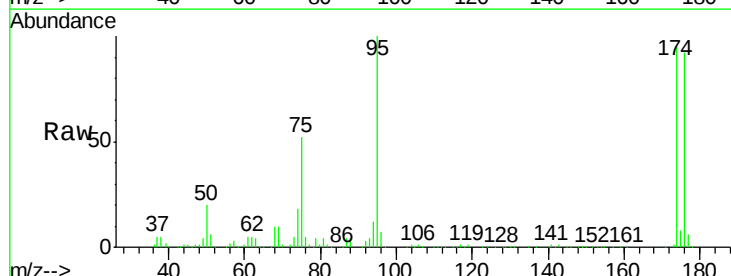
Tgt Ion: 95 Resp: 137820

Ion Ratio Lower Upper

95 100

174 103.1 0.0 194.4

176 100.3 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

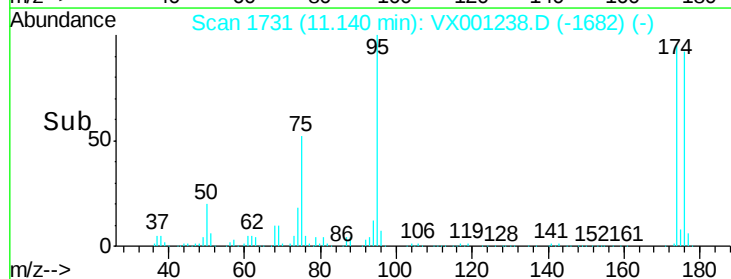
150000

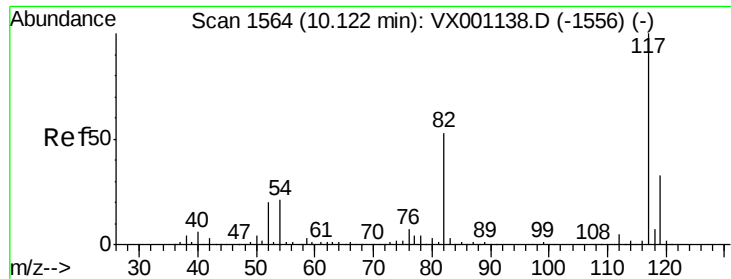
100000

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: VX001238.D

Acq: 29 Apr 2018 02:36

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20180424

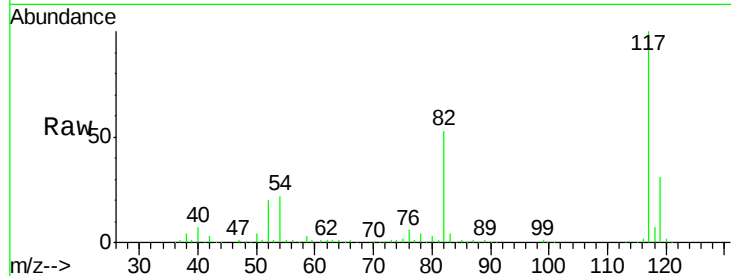
Tgt Ion:117 Resp: 217224

Ion Ratio Lower Upper

117 100

82 52.7 42.1 63.1

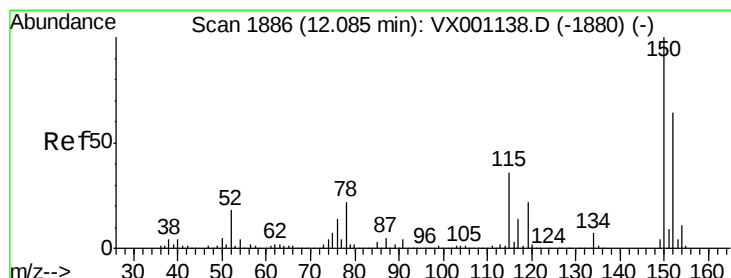
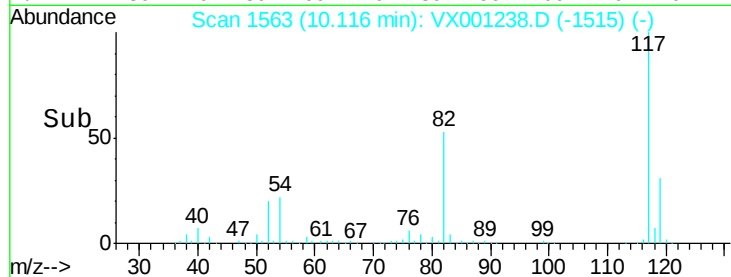
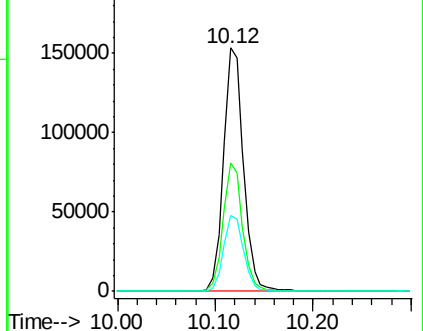
119 31.2 26.1 39.1



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001238.D

Acq: 29 Apr 2018 02:36

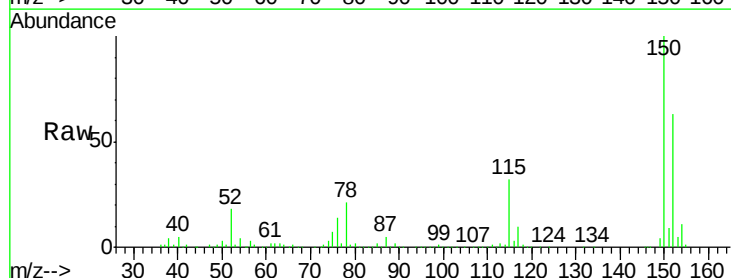
Tgt Ion:152 Resp: 119928

Ion Ratio Lower Upper

152 100

115 52.6 38.0 114.0

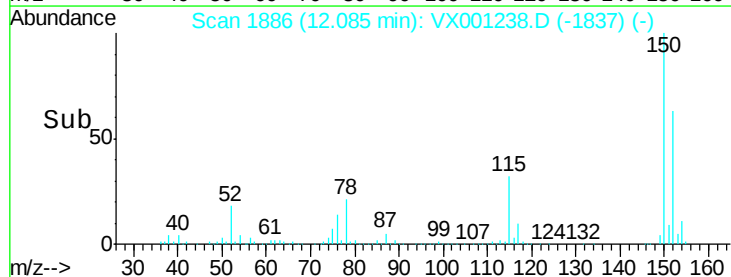
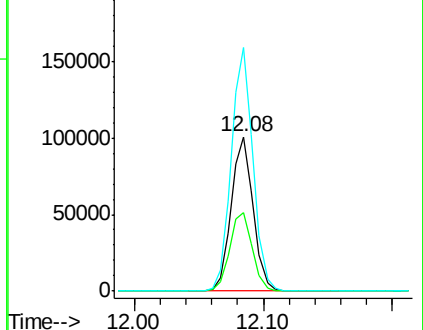
150 156.7 0.0 349.6

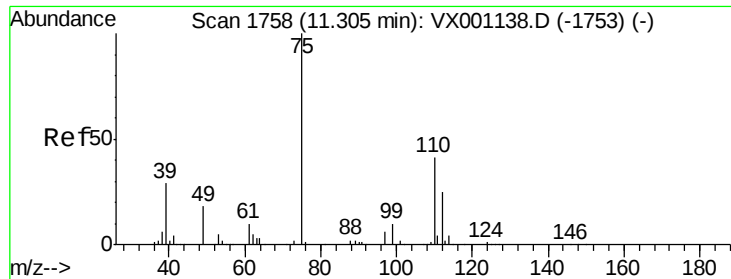


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

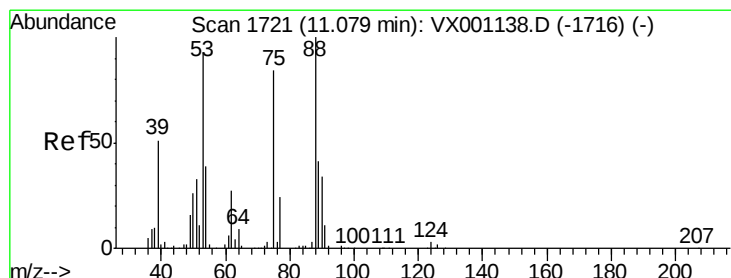
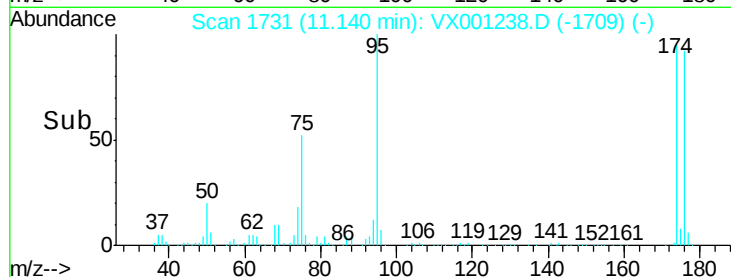
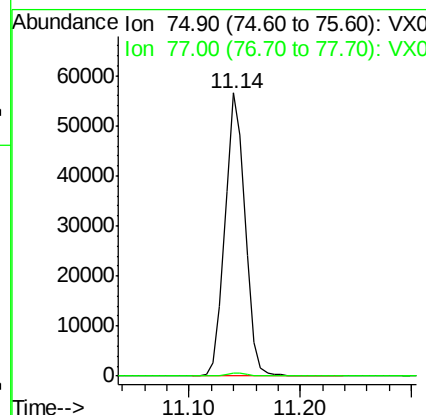
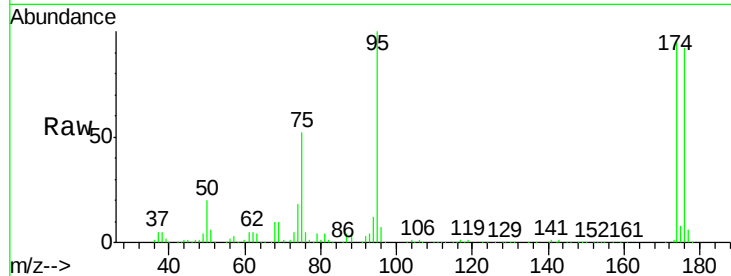




#76
 1,2,3-Trichloropropane
 Concen: 28.93 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.17 min
 Lab File: VX001238.D
 Acq: 29 Apr 2018 02:36

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW09-20180424

Tgt Ion: 75 Resp: 70653
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.66 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001238.D
 Acq: 29 Apr 2018 02:36

Tgt Ion: 75 Resp: 70653
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#

