

Data File : VX001235.D

Acq On : 29 Apr 2018 01:20

Operator : JC/MD

Sample : J2600-04

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 32 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW06-20180424

Quant Time: Apr 30 01:42:01 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	177353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	243110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	134554	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.51	113	108468	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
50) Toluene-d8	8.72	98	408926	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
62) 4-Bromofluorobenzene	11.14	95	136735	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	280	Below Cal	#	76
10) Methyl Iodide	2.51	142	314	7.38	ug/l #	80
11) Tert butyl alcohol	3.07	59	207	0.38	ug/l #	72
13) Acrolein	2.31	56	72	0.35	ug/l #	14
16) Acetone	2.45	43	5018	4.44	ug/l	97
18) Methyl Acetate	2.78	43	728	0.26	ug/l #	53
20) Methylene Chloride	2.86	84	658	0.31	ug/l #	87
25) 2-Butanone	4.73	43	691	0.41	ug/l	92
31) Cyclohexane	5.67	56	3332	1.14	ug/l #	19
36) 1,1-Dichloropropene	5.67	75	10841	4.05	ug/l #	40
38) Carbon Tetrachloride	5.67	117	14603	5.32	ug/l #	16
60) Dibromochloromethane	9.34	129	91	3.38	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	71499	28.55	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	71499	86.58	ug/l #	6
90) Hexachloroethane	12.77	117	51	3.42	ug/l #	1

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

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BP-TT-AOC22-MW06-20180424

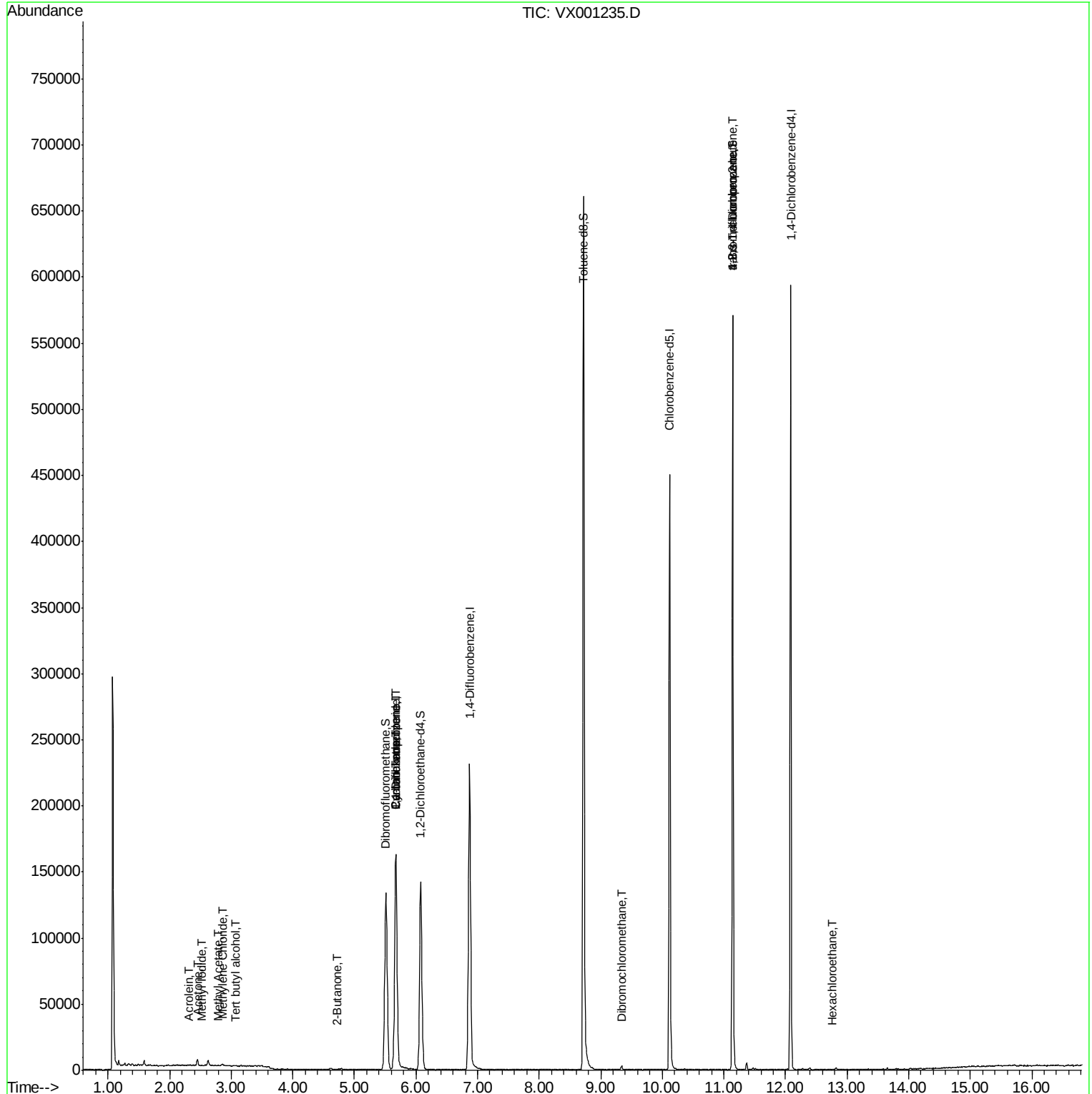
Quant Time: Apr 30 01:42:01 2018

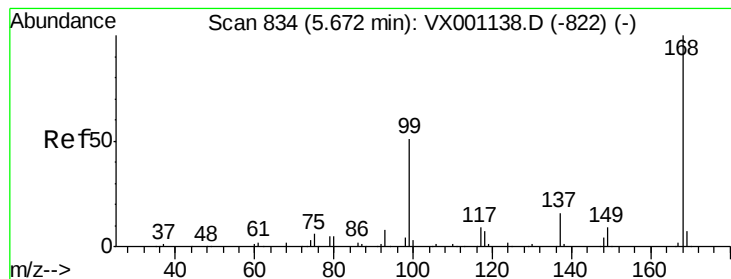
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

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

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

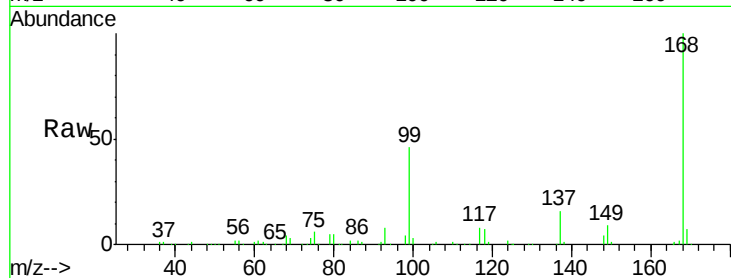
BP-TT-AOC22-MW06-20180424

Tgt Ion: 168 Resp: 177353

Ion Ratio Lower Upper

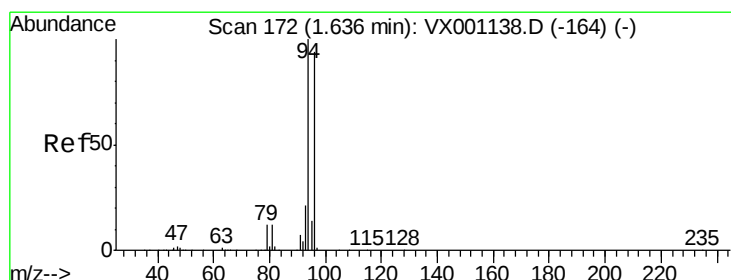
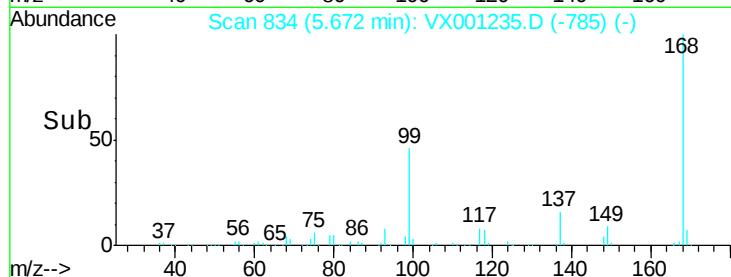
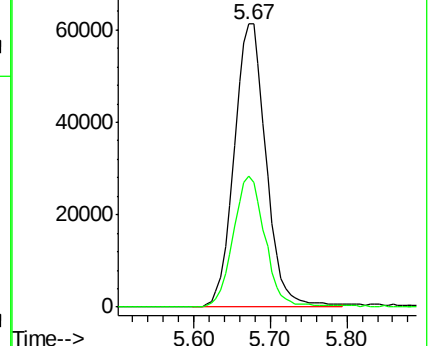
168 100

99 46.3 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# 174

Delta R.T. 0.01 min

Lab File: VX001235.D

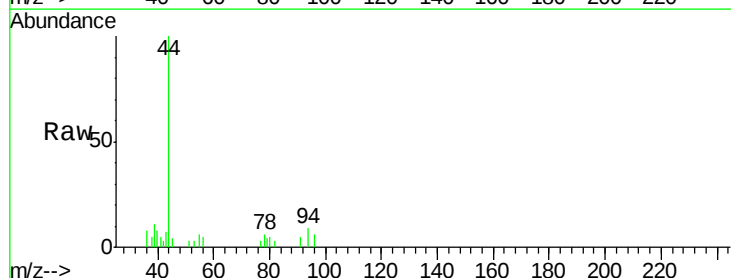
Acq: 29 Apr 2018 01:20

Tgt Ion: 94 Resp: 280

Ion Ratio Lower Upper

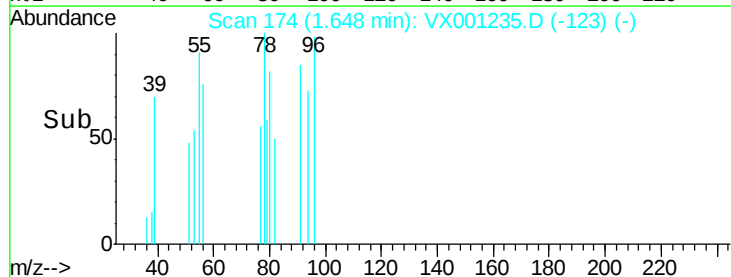
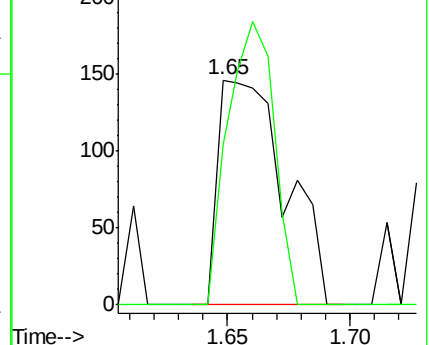
94 100

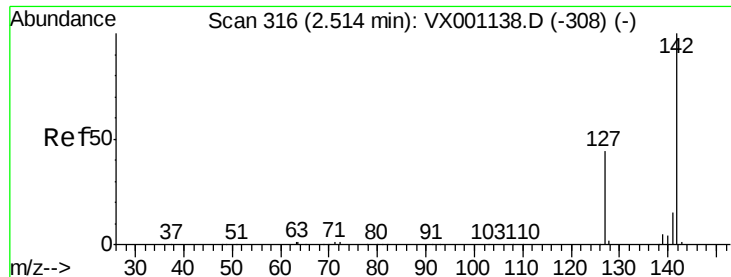
96 71.2 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

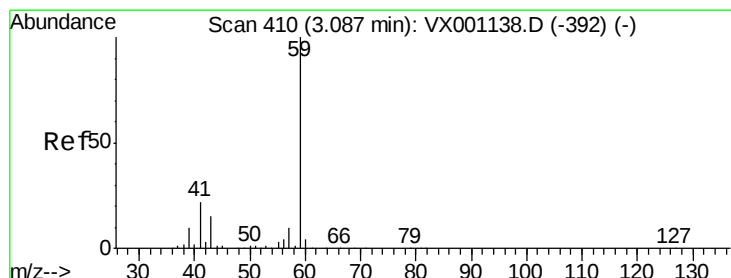
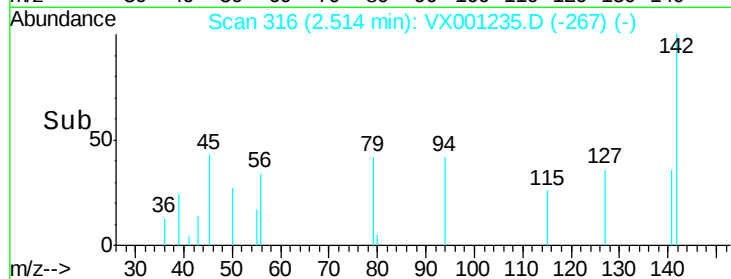
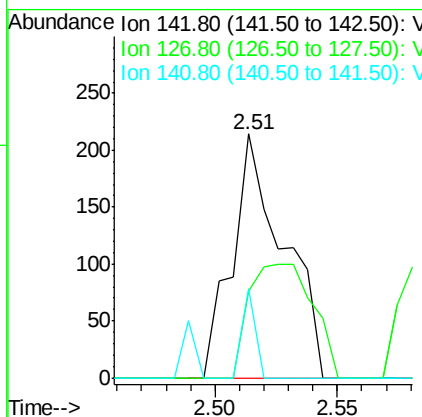
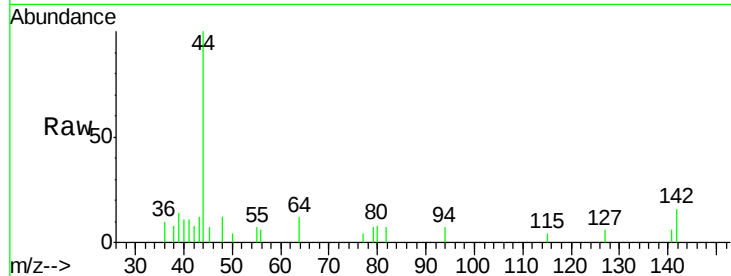




#10
Methyl Iodide
Concen: 7.38 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001235.D
Acq: 29 Apr 2018 01:20

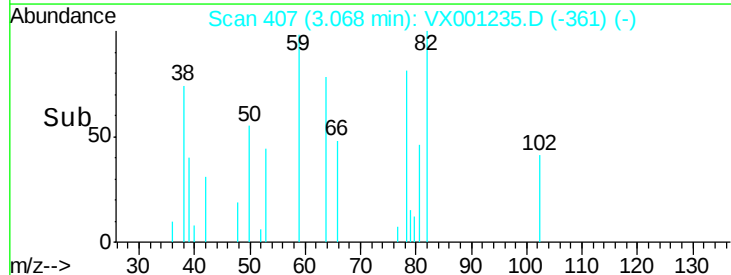
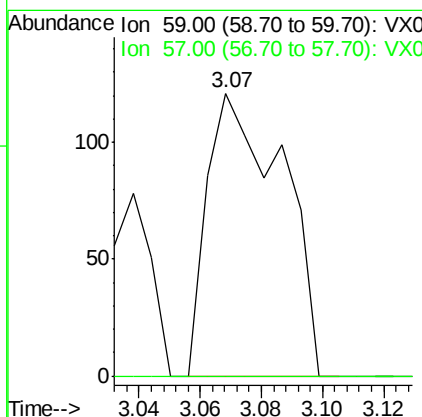
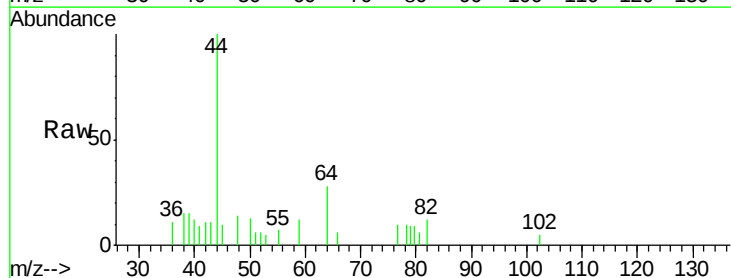
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW06-20180424

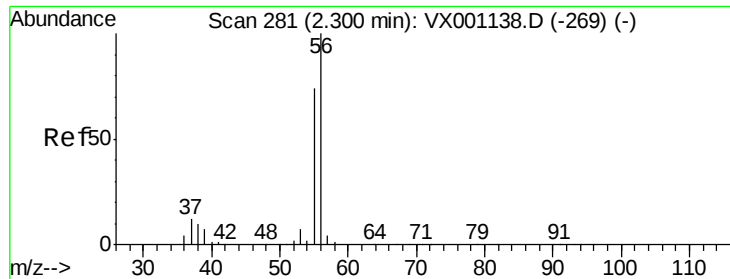
Tgt Ion:142 Resp: 314
Ion Ratio Lower Upper
142 100
127 57.6 34.7 52.1#
141 9.2 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.38 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001235.D
Acq: 29 Apr 2018 01:20

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.35 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

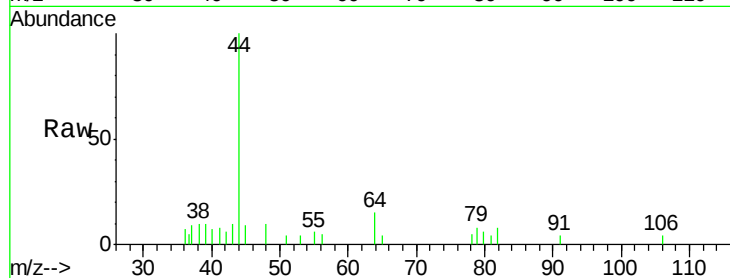
BP-TT-AOC22-MW06-20180424

Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

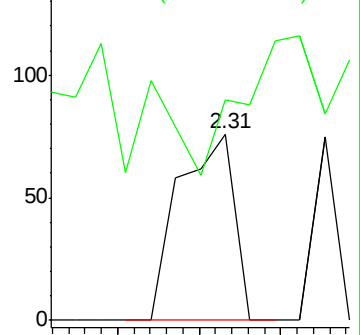
56 100

55 0.0 57.2 85.8#

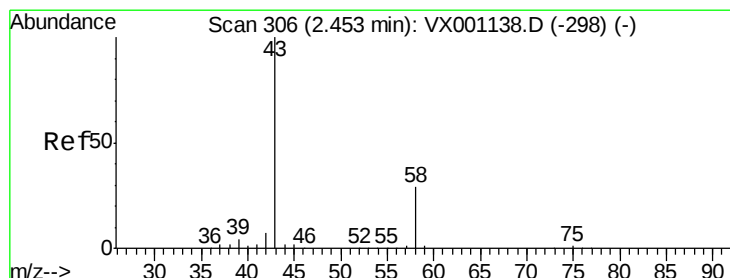
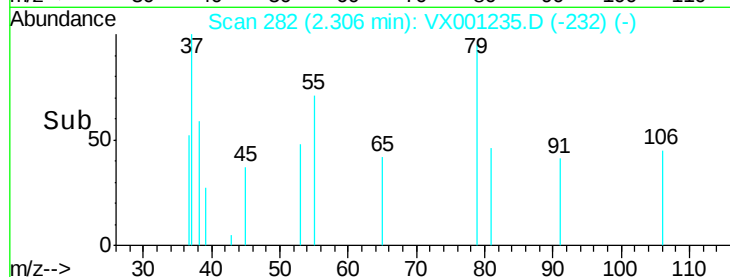


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 4.44 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001235.D

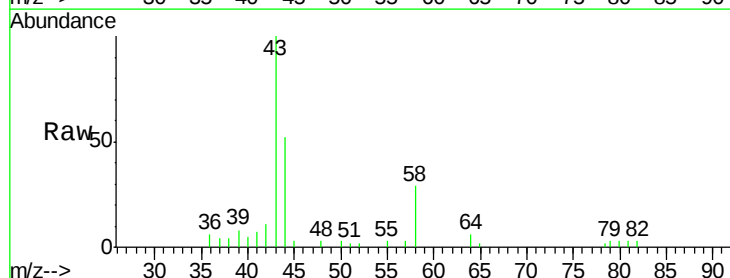
Acq: 29 Apr 2018 01:20

Tgt Ion: 43 Resp: 5018

Ion Ratio Lower Upper

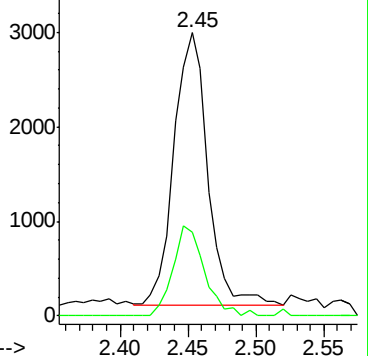
43 100

58 30.6 23.0 34.6

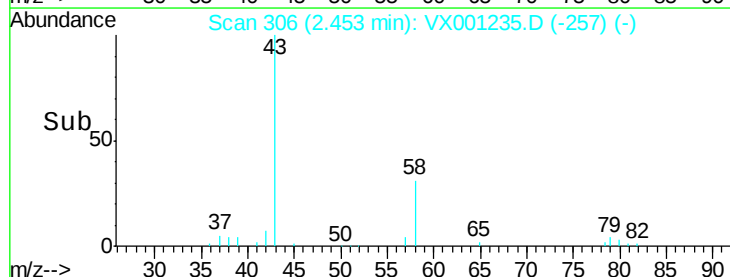


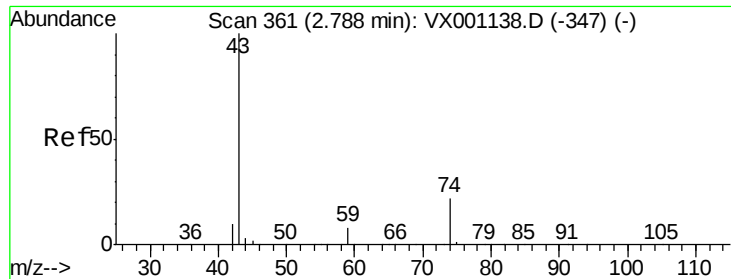
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

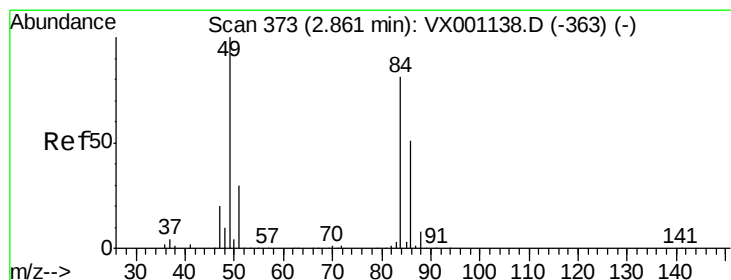
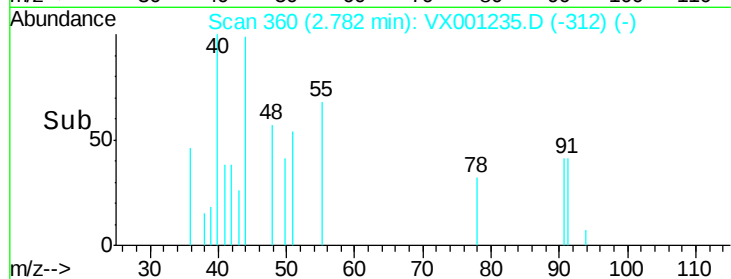
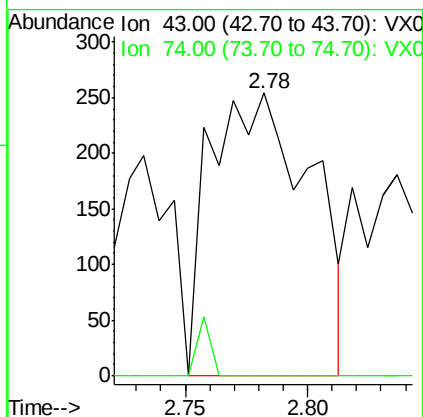
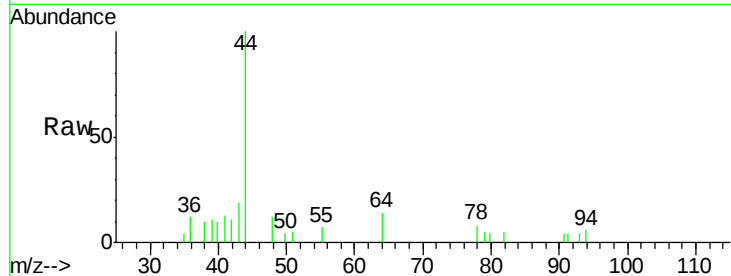




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001235.D
Acq: 29 Apr 2018 01:20

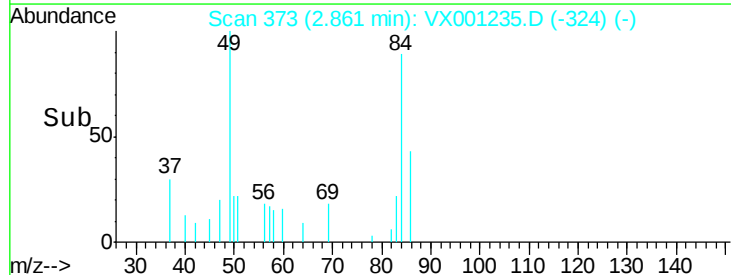
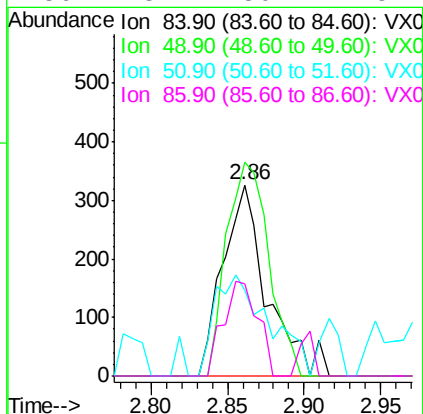
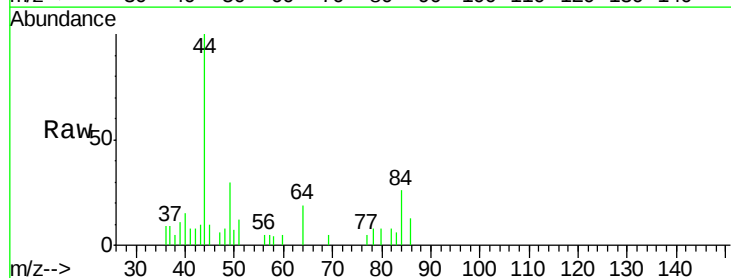
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW06-20180424

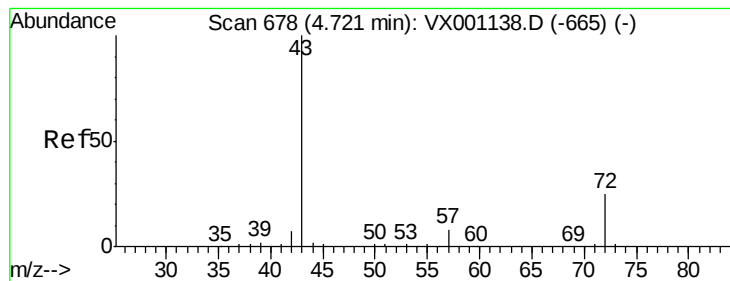
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001235.D
Acq: 29 Apr 2018 01:20

Tgt Ion: 84 Resp: 658
Ion Ratio Lower Upper
84 100
49 112.0 99.2 148.8
51 44.8 29.5 44.3#
86 48.2 50.2 75.2#





#25

2-Butanone

Concen: 0.41 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

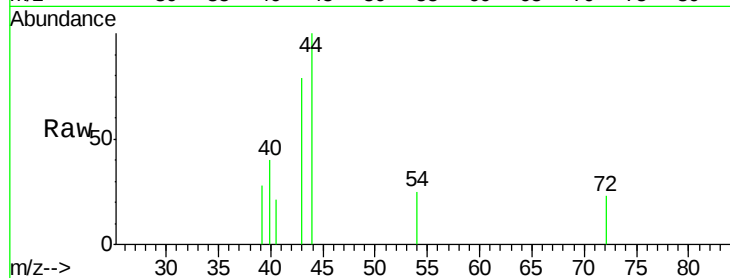
BP-TT-AOC22-MW06-20180424

Tgt Ion: 43 Resp: 691

Ion Ratio Lower Upper

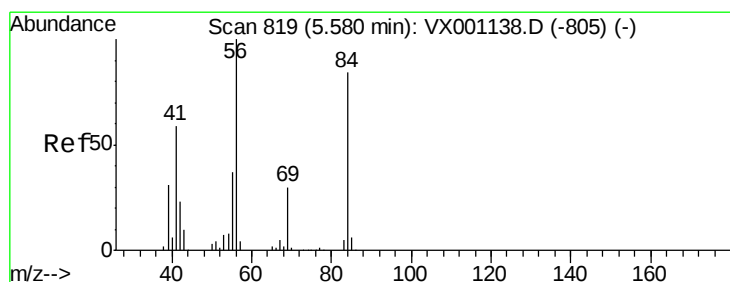
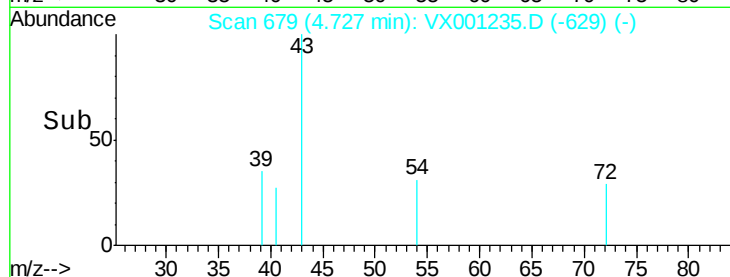
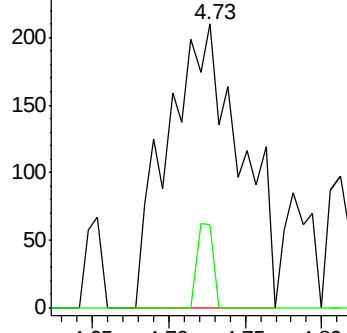
43 100

72 29.0 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: 1.14 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

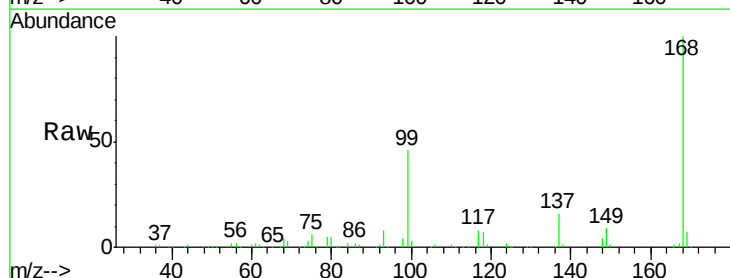
Tgt Ion: 56 Resp: 3332

Ion Ratio Lower Upper

56 100

69 167.6 24.2 36.2#

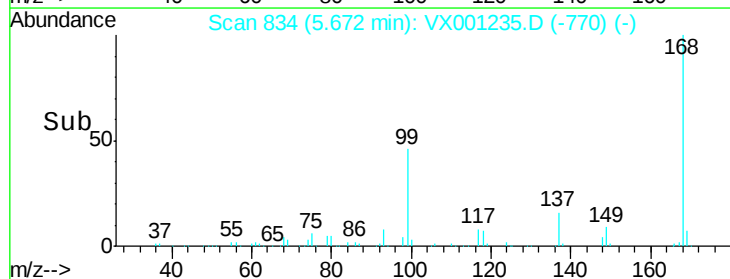
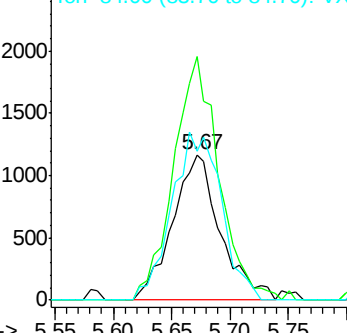
84 102.2 67.5 101.3#

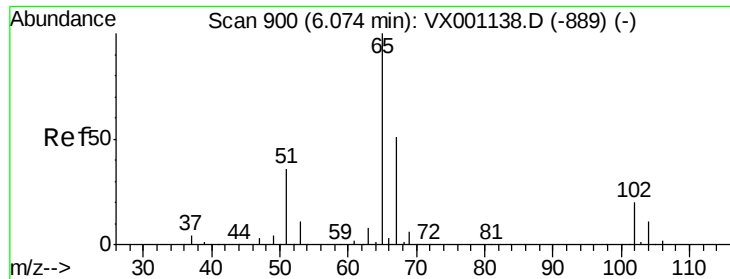


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.94 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

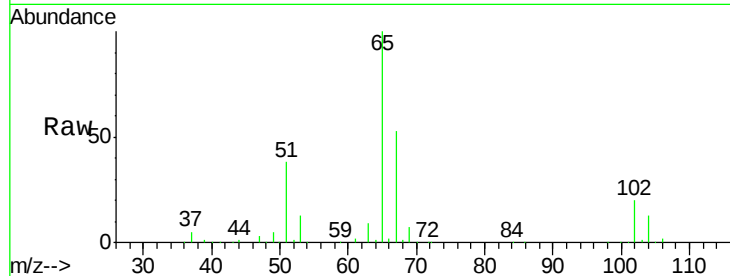
BP-TT-AOC22-MW06-20180424

Tgt Ion: 65 Resp: 134554

Ion Ratio Lower Upper

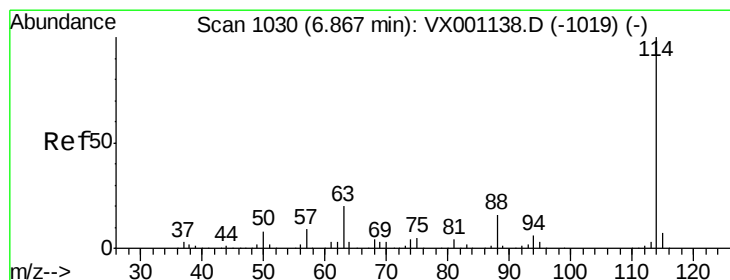
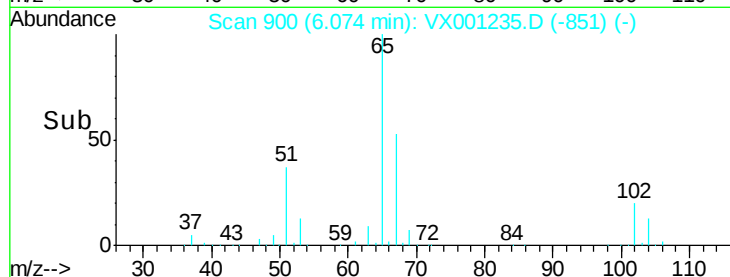
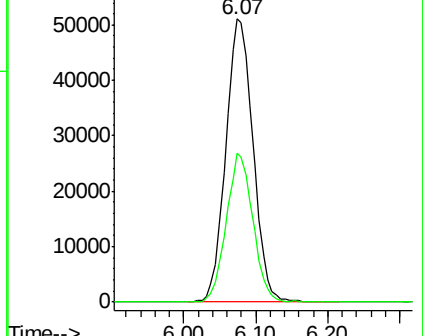
65 100

67 51.4 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: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

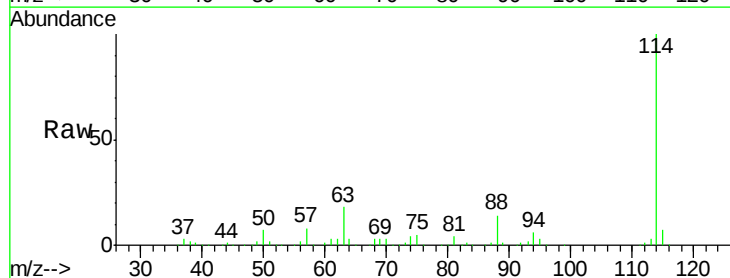
Tgt Ion: 114 Resp: 243110

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.4

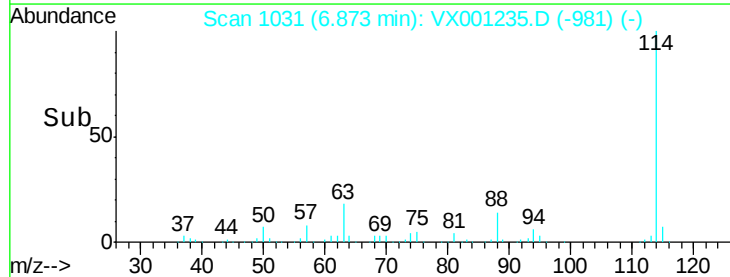
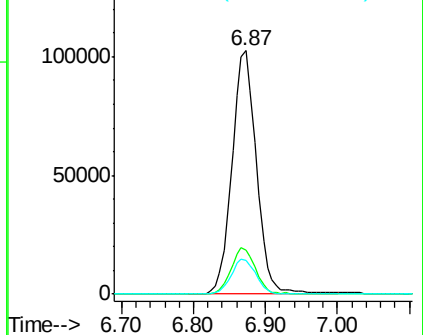
88 14.1 0.0 31.8

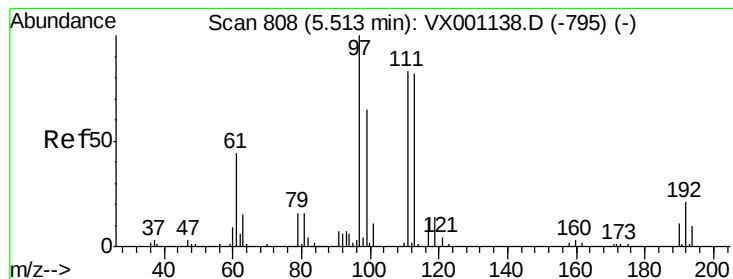


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.90 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW06-20180424

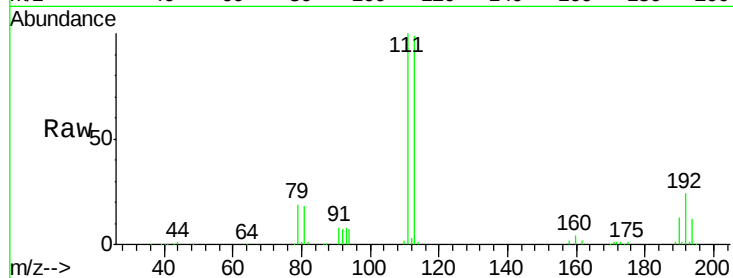
Tgt Ion:113 Resp: 108468

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

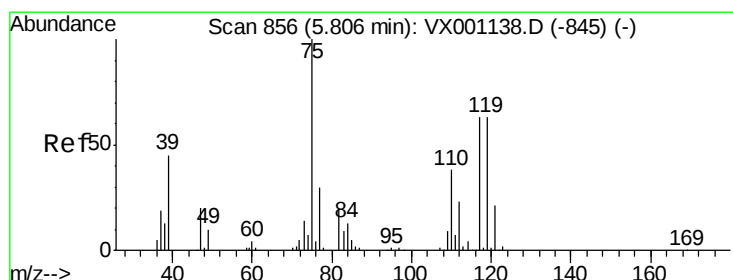
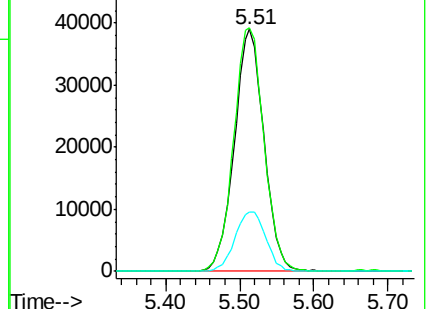
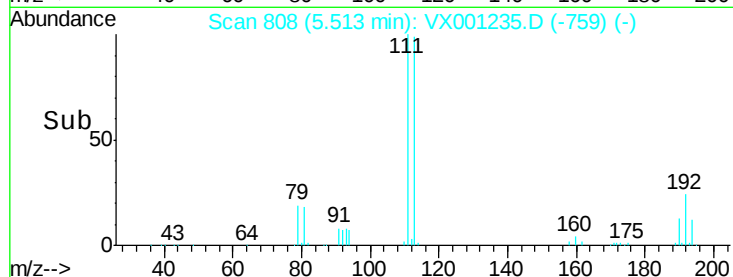
192 25.7 20.6 30.8



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: 4.05 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

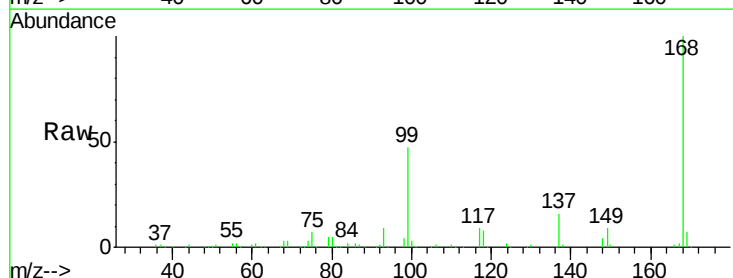
Tgt Ion: 75 Resp: 10841

Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

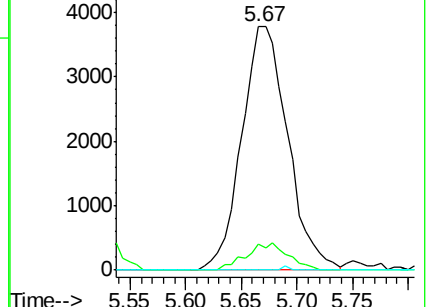
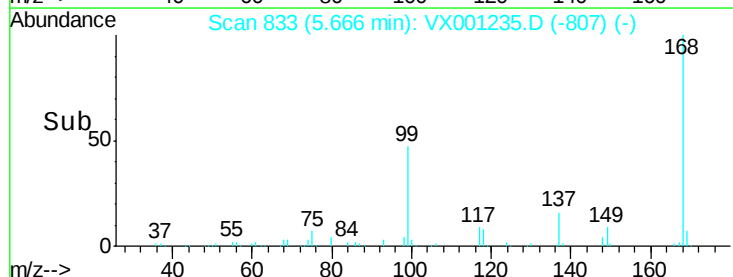
77 0.0 24.8 37.2#

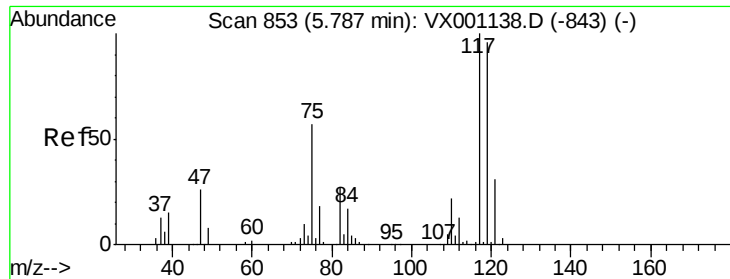


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

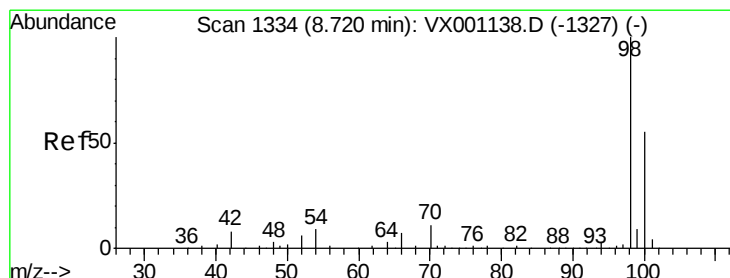
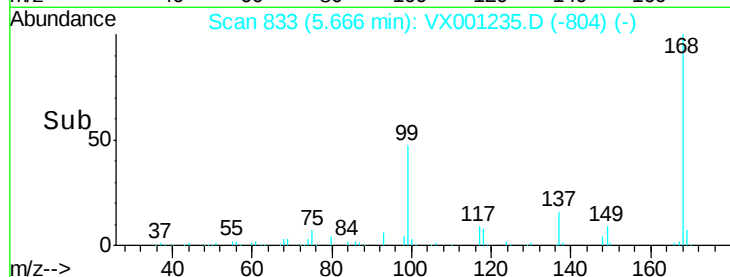
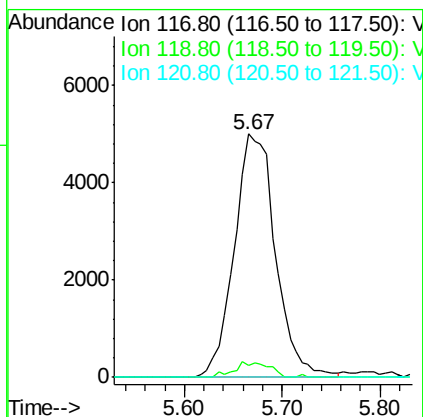
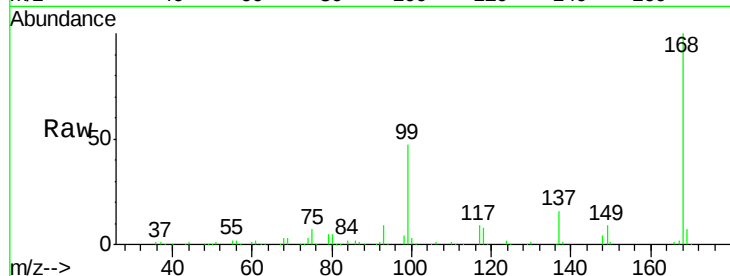




#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001235.D
Acq: 29 Apr 2018 01:20

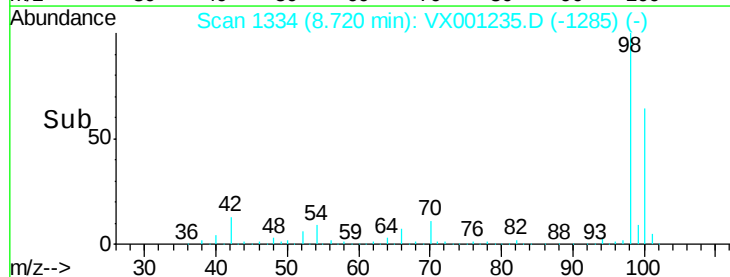
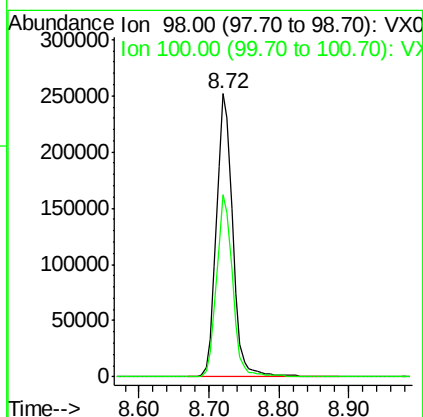
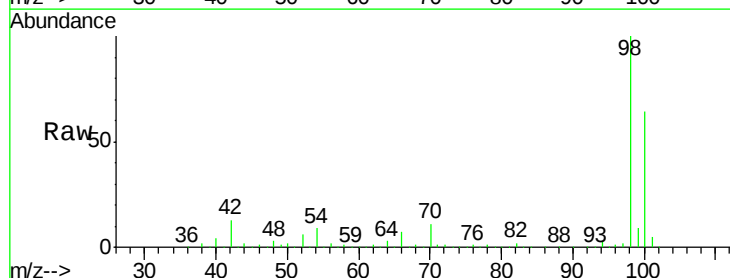
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW06-20180424

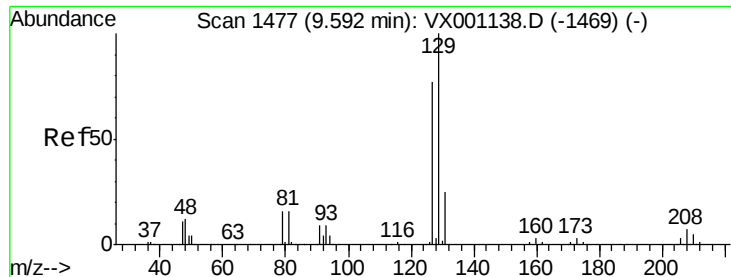
Tgt Ion: 117 Resp: 14603
Ion Ratio Lower Upper
117 100
119 4.7 76.5 114.7#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 53.85 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001235.D
Acq: 29 Apr 2018 01:20

Tgt Ion: 98 Resp: 408926
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6





#60

Dibromochloromethane

Concen: 3.38 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.26 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

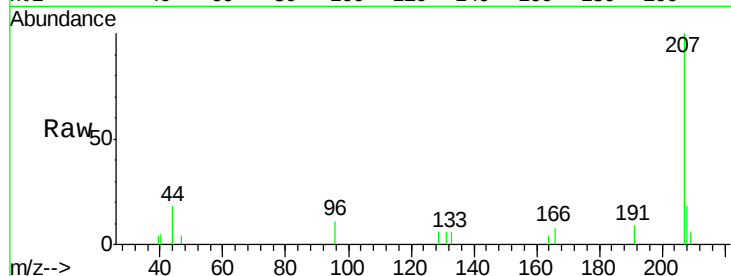
BP-TT-AOC22-MW06-20180424

Tgt Ion: 129 Resp: 91

Ion Ratio Lower Upper

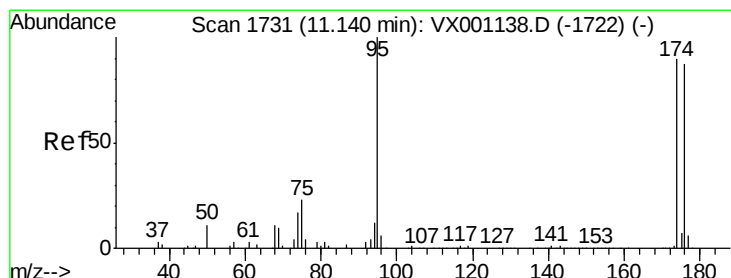
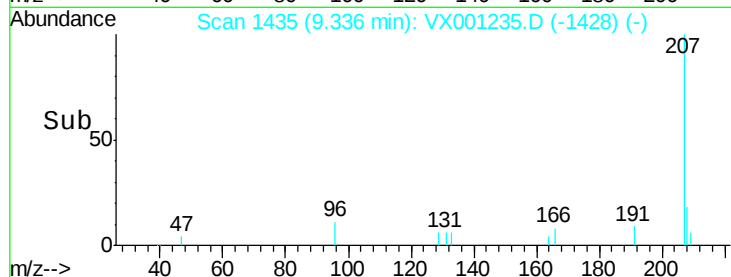
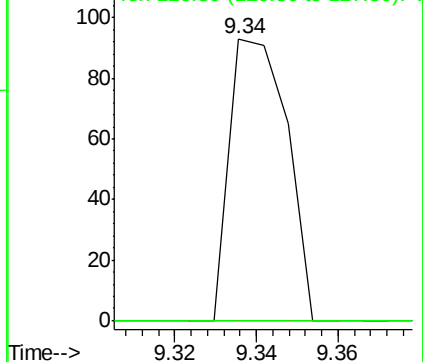
129 100

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



#62

4-Bromofluorobenzene

Concen: 46.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

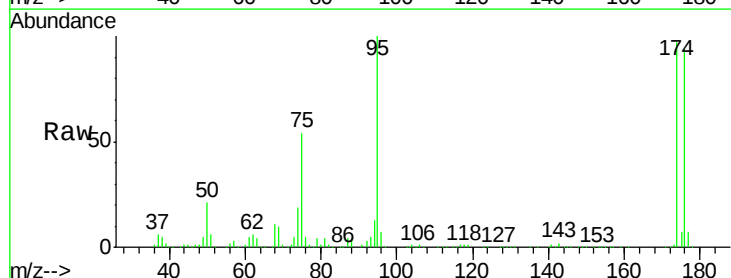
Tgt Ion: 95 Resp: 136735

Ion Ratio Lower Upper

95 100

174 104.2 0.0 194.4

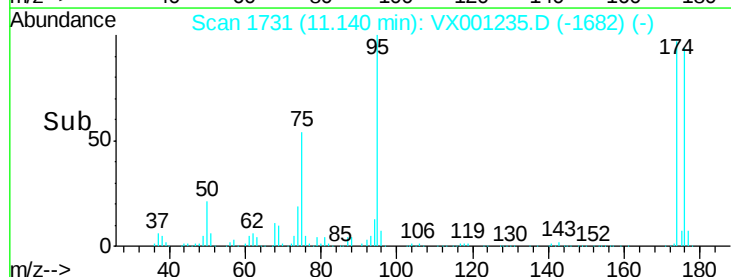
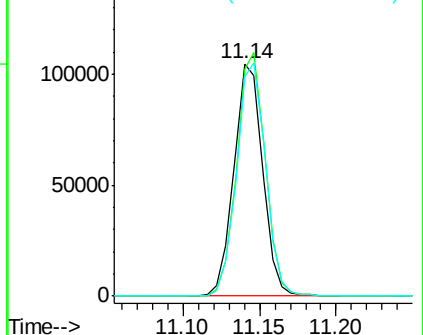
176 100.9 0.0 190.2

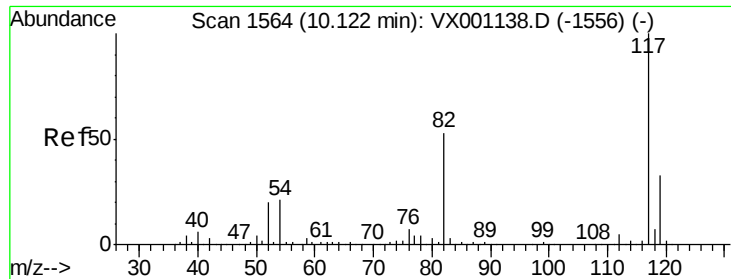


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

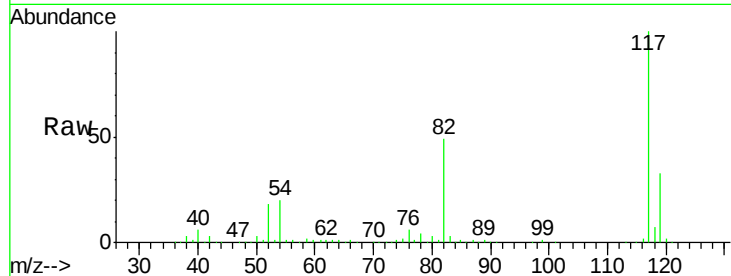




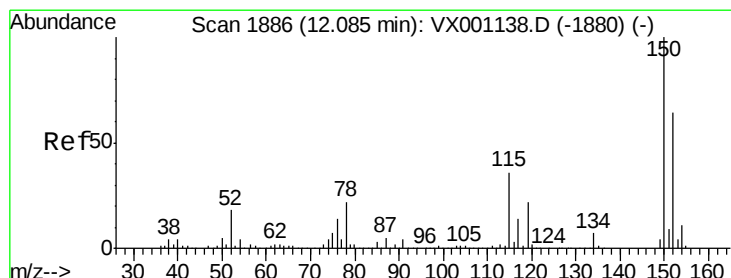
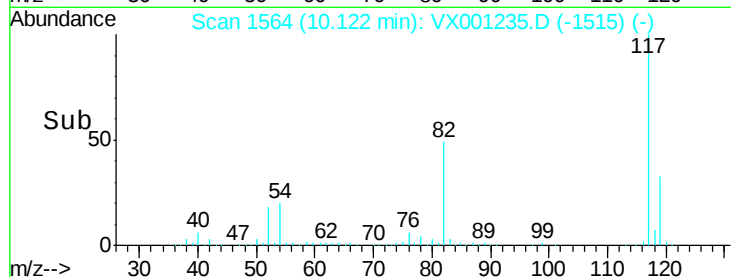
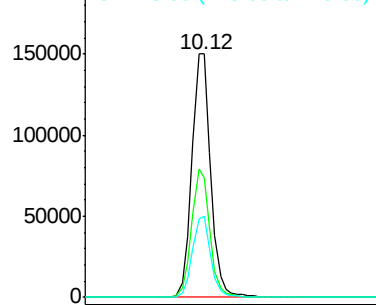
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001235.D
Acq: 29 Apr 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW06-20180424

Tgt Ion:117 Resp: 219313
Ion Ratio Lower Upper
117 100
82 48.9 42.1 63.1
119 33.3 26.1 39.1

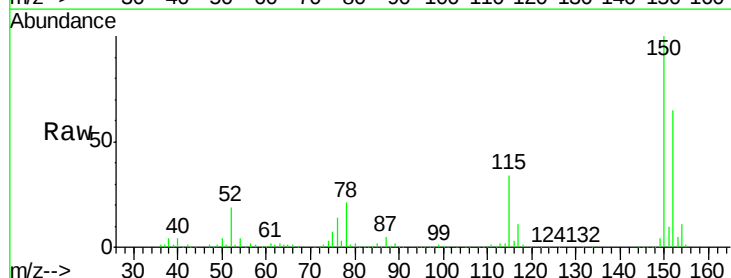


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

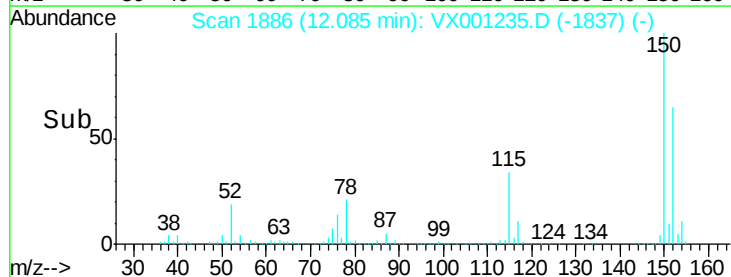
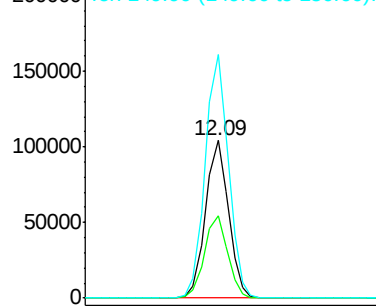


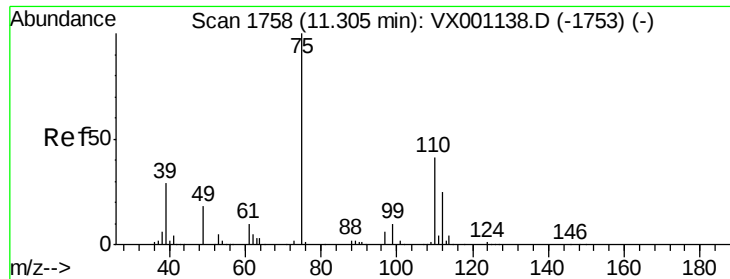
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001235.D
Acq: 29 Apr 2018 01:20

Tgt Ion:152 Resp: 122968
Ion Ratio Lower Upper
152 100
115 53.0 38.0 114.0
150 156.1 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

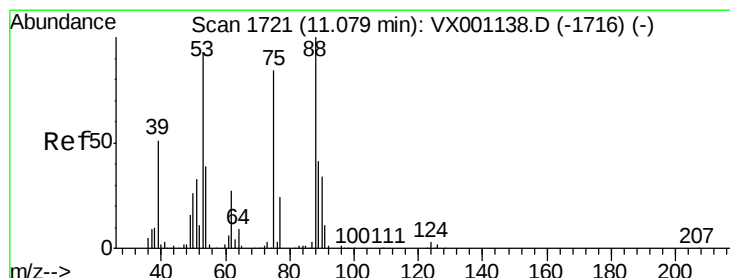
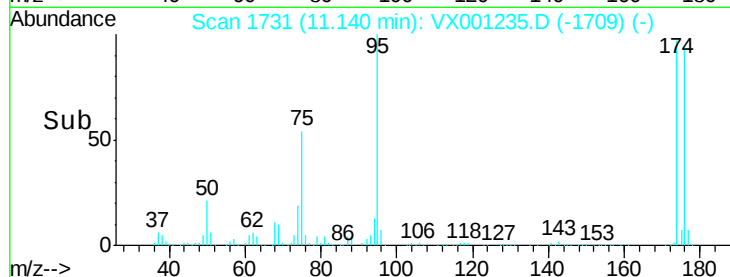
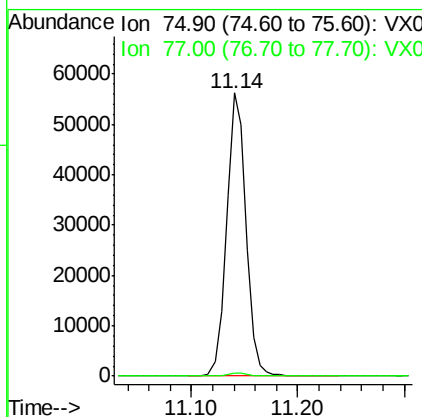
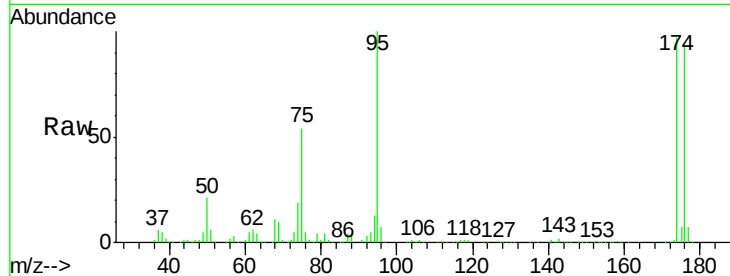




#76
 1,2,3-Trichloropropane
 Concen: 28.55 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001235.D
 Acq: 29 Apr 2018 01:20

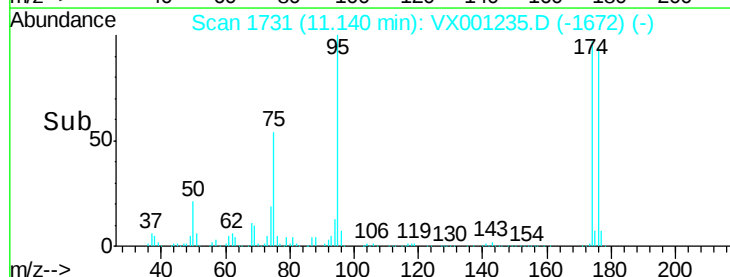
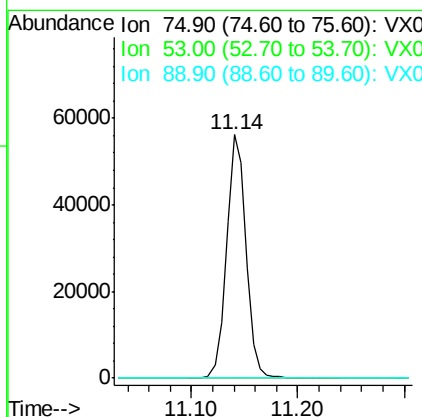
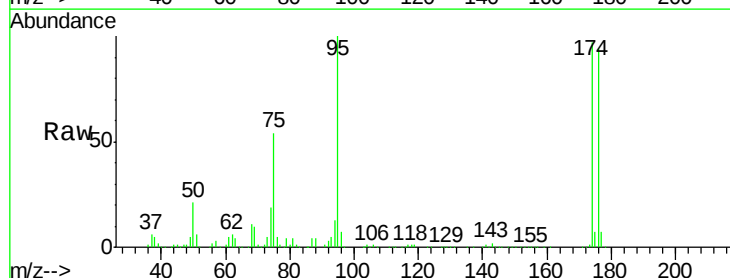
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW06-20180424

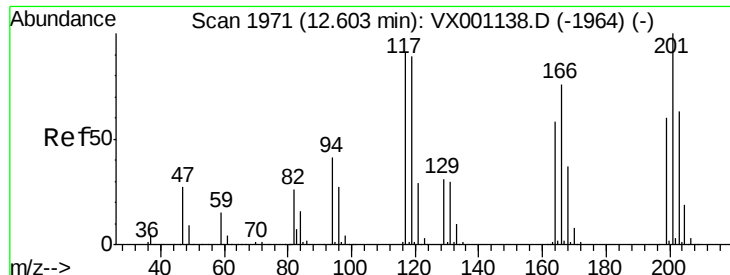
Tgt Ion: 75 Resp: 71499
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.58 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001235.D
 Acq: 29 Apr 2018 01:20

Tgt Ion: 75 Resp: 71499
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#





#90

Hexachloroethane

Concen: 3.42 ug/l

RT: 12.77 min Scan# 1998

Delta R.T. 0.16 min

Lab File: VX001235.D

Acq: 29 Apr 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

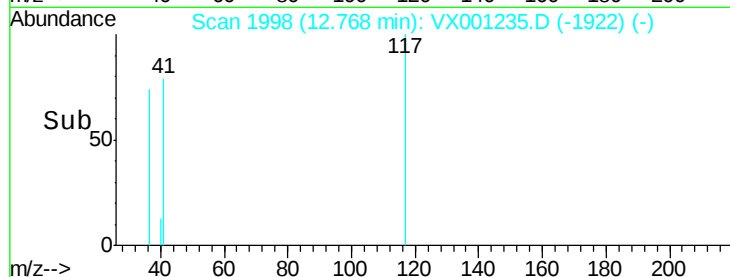
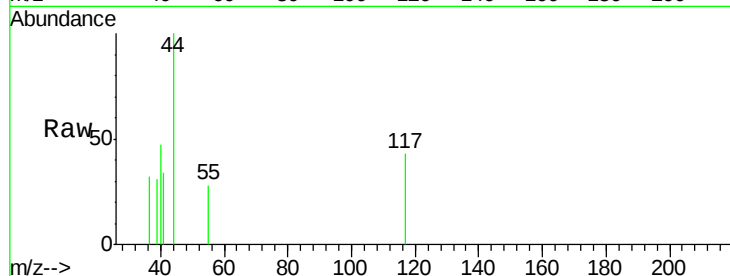
BP-TT-AOC22-MW06-20180424

Tgt Ion:117 Resp: 51

Ion Ratio Lower Upper

117 100

201 0.0 51.8 155.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

