

Data File : VX001239.D

Acq On : 29 Apr 2018 03:02

Operator : JC/MD

Sample : J2600-08

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 36 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW10-20180424

Quant Time: Apr 30 01:43:09 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	178703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	247764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	223458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	135441	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.51	113	108657	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
50) Toluene-d8	8.72	98	412557	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	11.14	95	140675	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
5) Bromomethane	1.66	94	316	Below Cal	#	74
10) Methyl Iodide	2.53	142	202	7.33	ug/l #	86
11) Tert butyl alcohol	3.08	59	114	0.21	ug/l #	78
13) Acrolein	2.29	56	113	0.55	ug/l #	1
16) Acetone	2.45	43	4165	3.66	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	1241	0.57	ug/l	88
31) Cyclohexane	5.67	56	3208	1.09	ug/l #	5
36) 1,1-Dichloropropene	5.67	75	10983	4.02	ug/l #	50
38) Carbon Tetrachloride	5.67	117	15156	5.41	ug/l #	15
44) Trichloroethene	7.21	130	1506	0.64	ug/l	86
54) cis-1,3-Dichloropropene	9.33	75	20	3.19	ug/l #	32
60) Dibromochloromethane	9.34	129	328	3.47	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	72428	27.19	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	72428	82.69	ug/l #	6

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

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BP-TT-AOC22-MW10-20180424

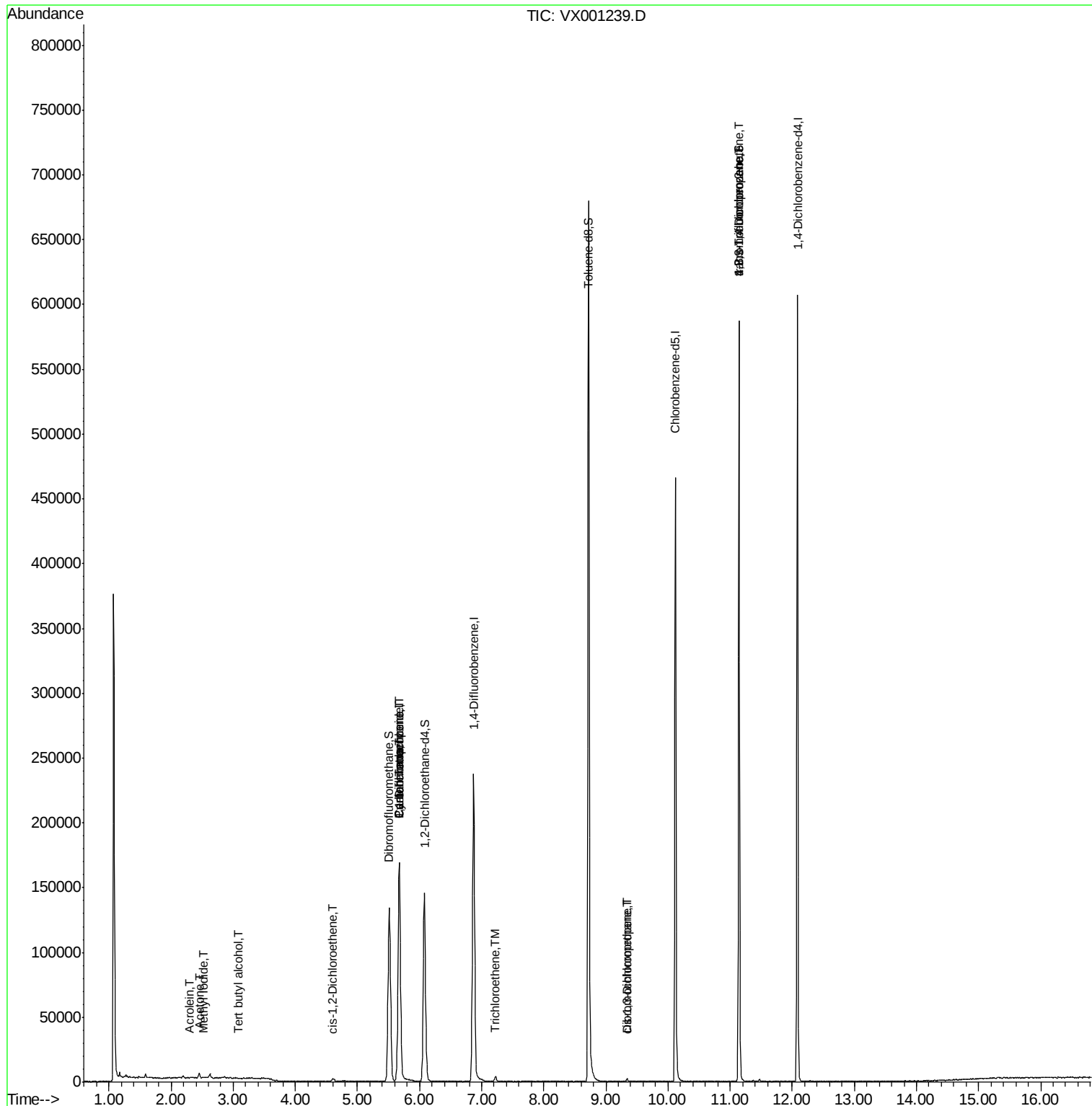
Quant Time: Apr 30 01:43:09 2018

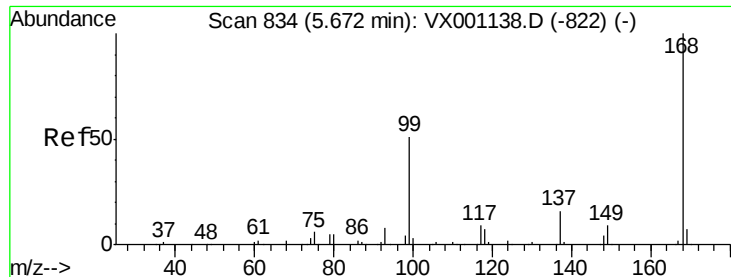
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

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: VX001239.D

Acq: 29 Apr 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

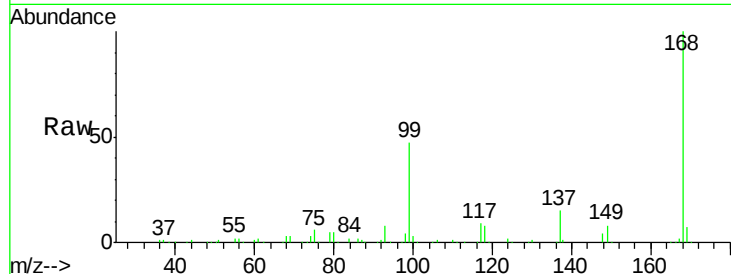
BP-TT-AOC22-MW10-20180424

Tgt Ion:168 Resp: 178703

Ion Ratio Lower Upper

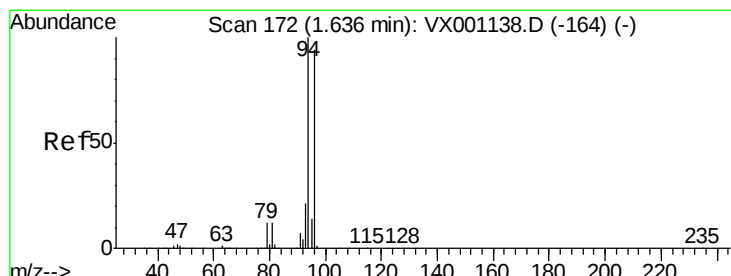
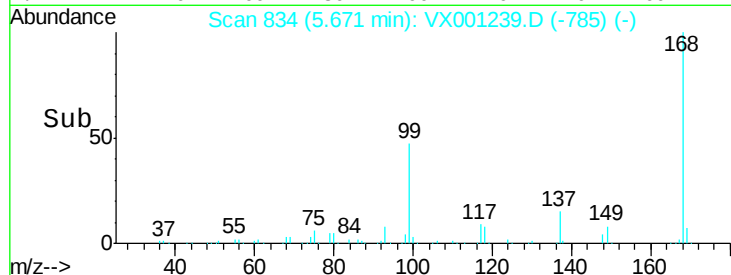
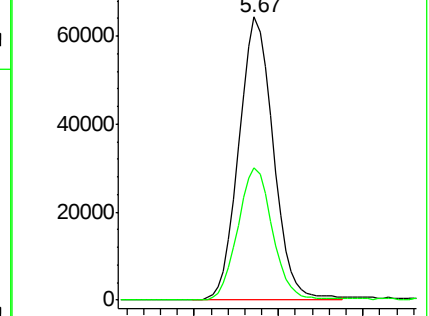
168 100

99 46.6 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: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX001239.D

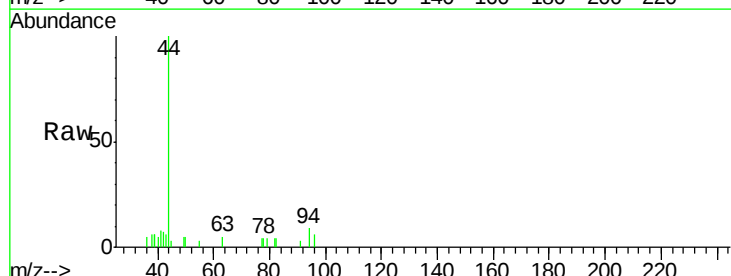
Acq: 29 Apr 2018 03:02

Tgt Ion: 94 Resp: 316

Ion Ratio Lower Upper

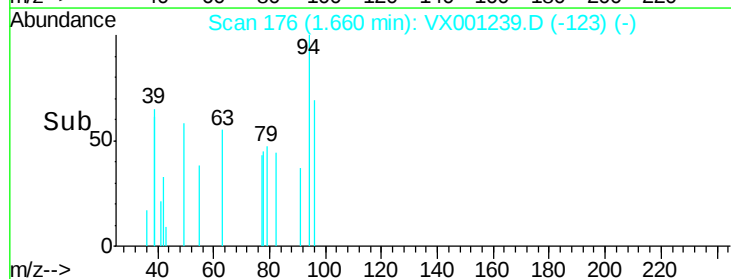
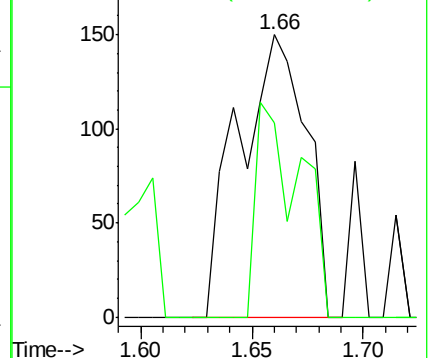
94 100

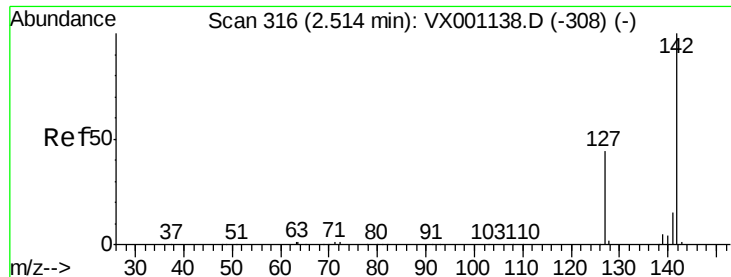
96 68.7 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

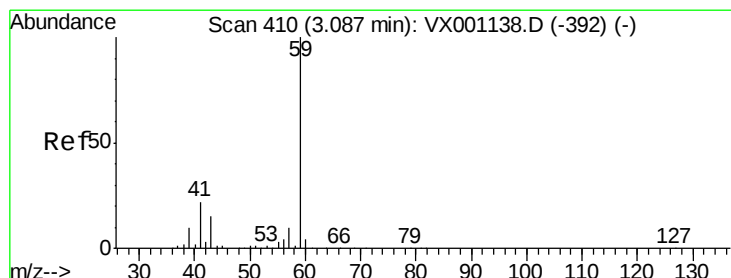
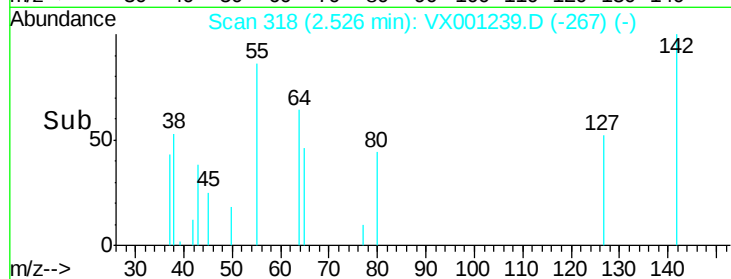
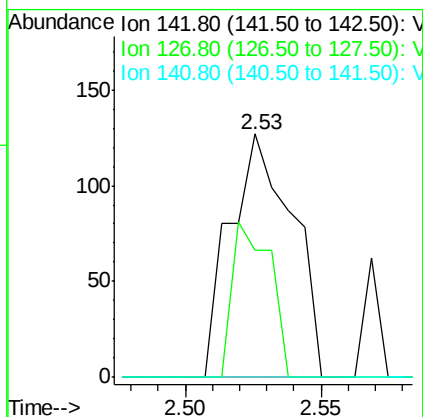
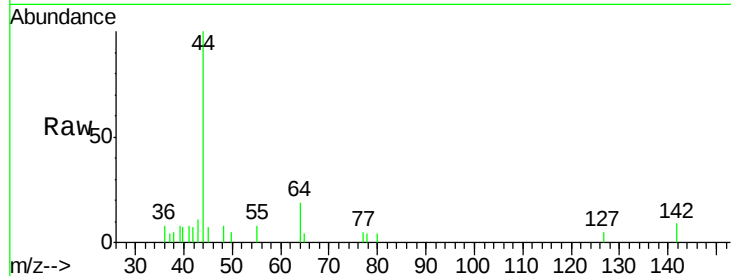




#10
Methyl Iodide
Concen: 7.33 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001239.D
Acq: 29 Apr 2018 03:02

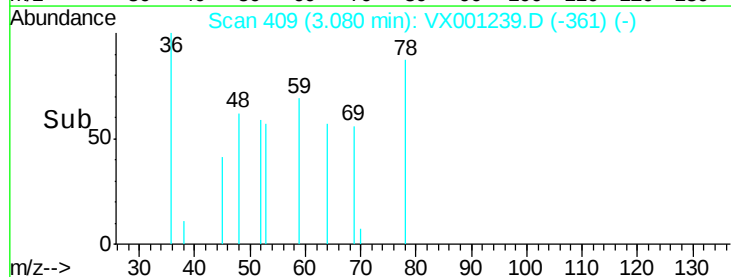
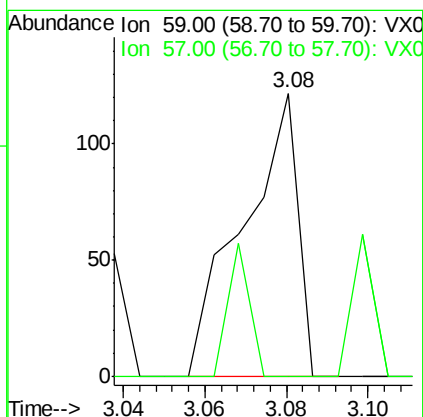
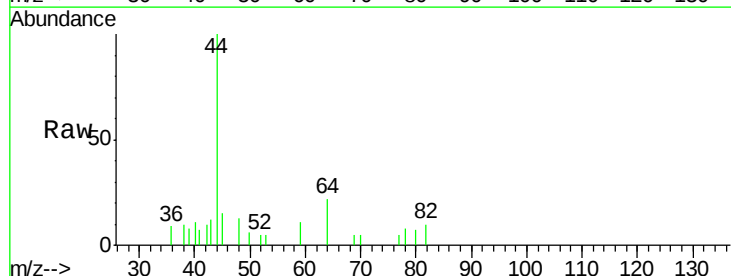
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW10-20180424

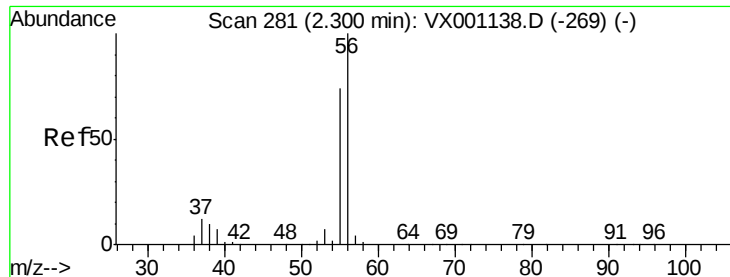
Tgt Ion:142 Resp: 202
Ion Ratio Lower Upper
142 100
127 38.6 34.7 52.1
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.21 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001239.D
Acq: 29 Apr 2018 03:02

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 18.4 8.2 12.4#





#13

Acrolein

Concen: 0.55 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

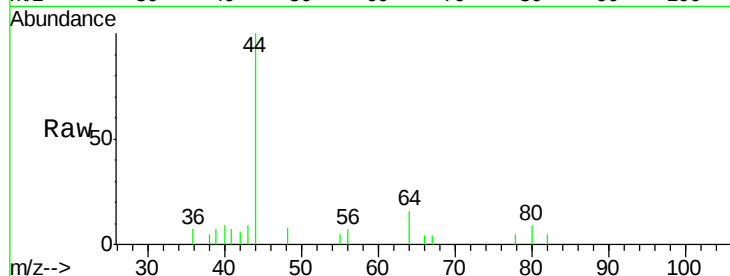
BP-TT-AOC22-MW10-20180424

Tgt Ion: 56 Resp: 113

Ion Ratio Lower Upper

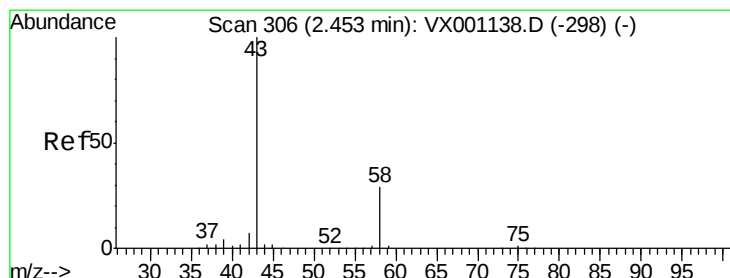
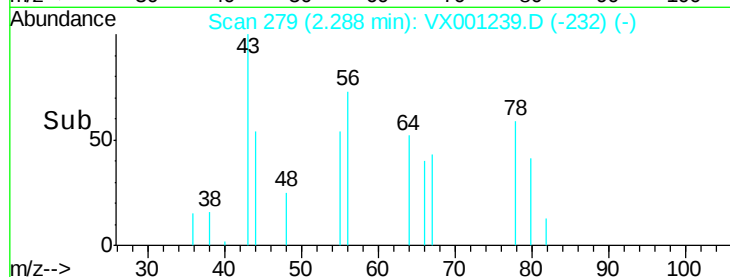
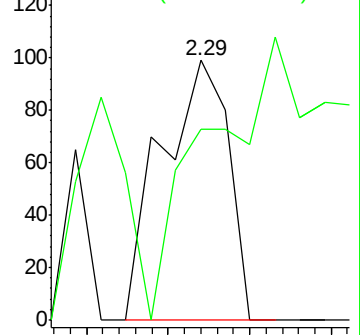
56 100

55 217.7 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: 3.66 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001239.D

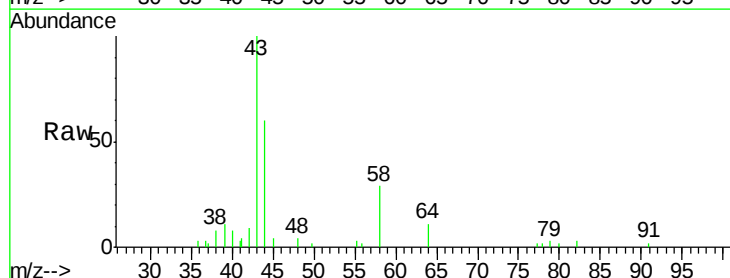
Acq: 29 Apr 2018 03:02

Tgt Ion: 43 Resp: 4165

Ion Ratio Lower Upper

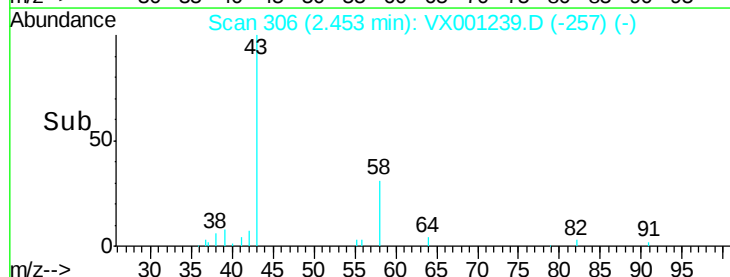
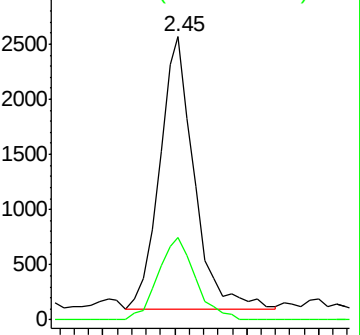
43 100

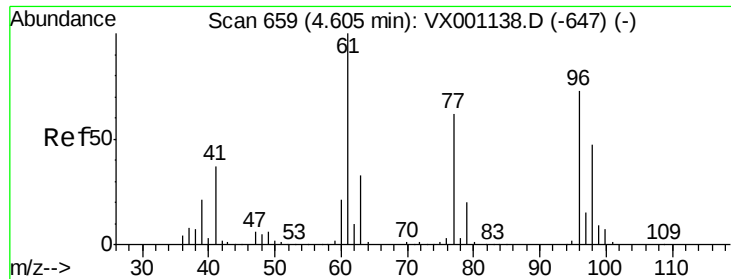
58 30.4 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 0.57 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW10-20180424

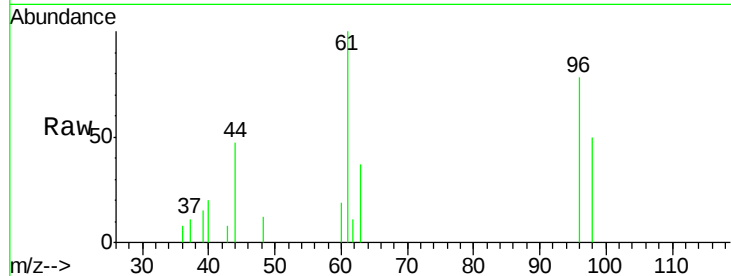
Tgt Ion: 96 Resp: 1241

Ion Ratio Lower Upper

96 100

61 128.1 0.0 289.0

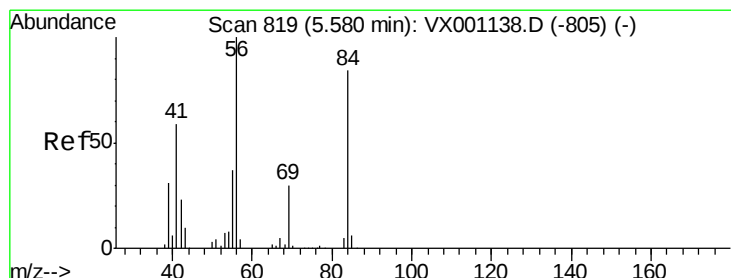
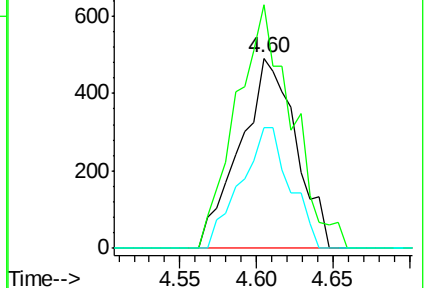
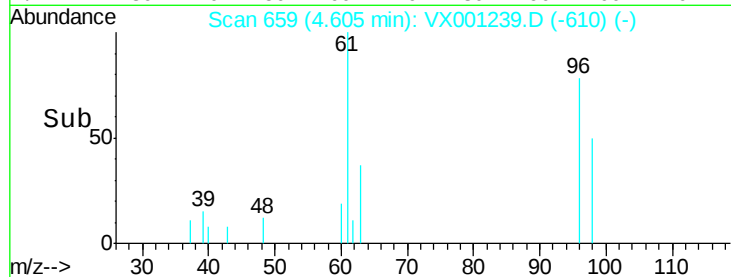
98 56.2 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#31

Cyclohexane

Concen: 1.09 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

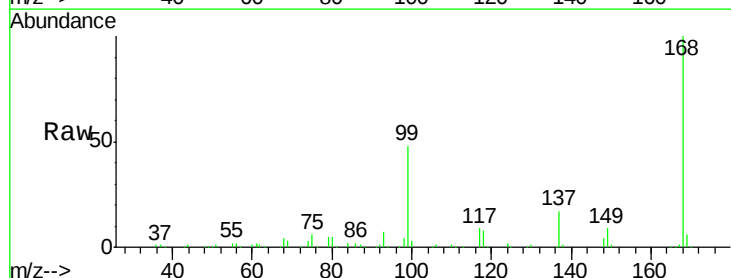
Tgt Ion: 56 Resp: 3208

Ion Ratio Lower Upper

56 100

69 166.9 24.2 36.2#

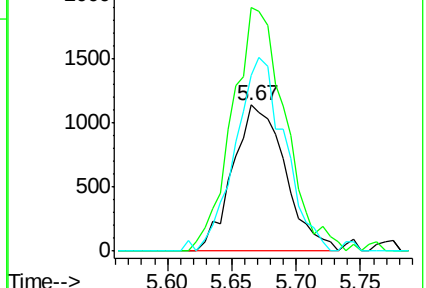
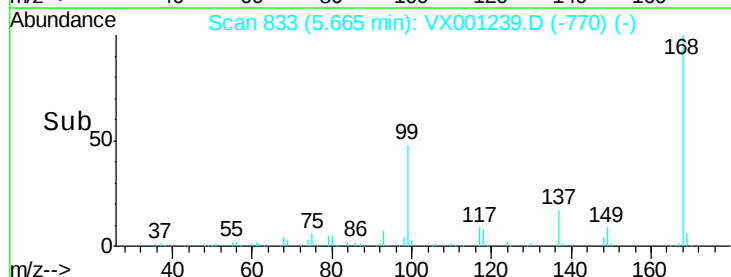
84 120.2 67.5 101.3#

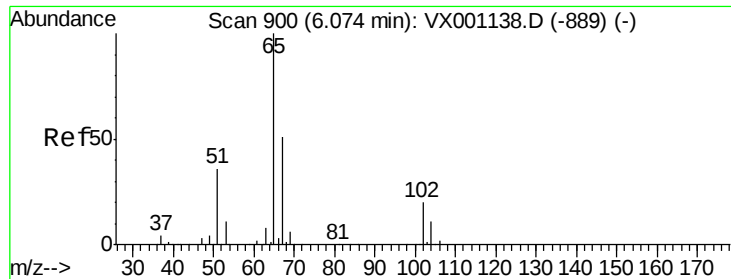


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.89 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

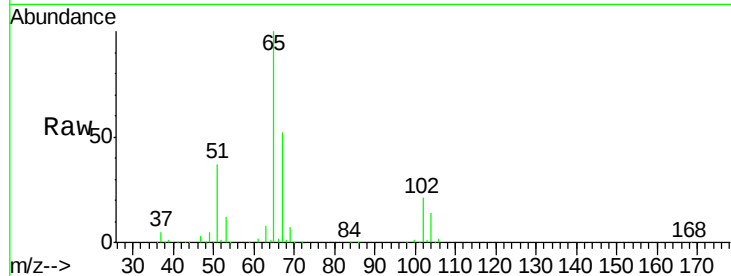
BP-TT-AOC22-MW10-20180424

Tgt Ion: 65 Resp: 135441

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.2

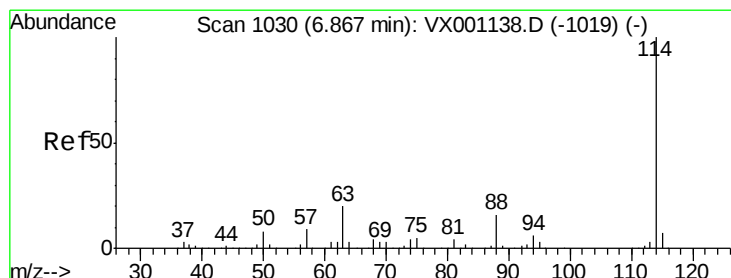
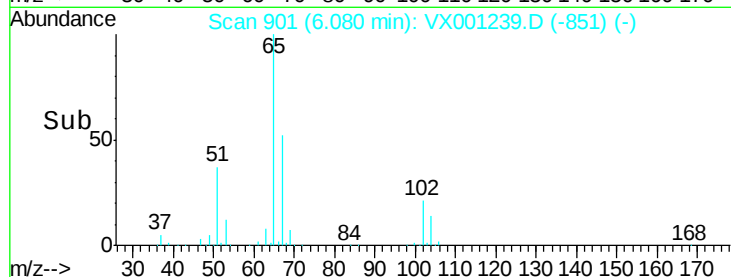


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

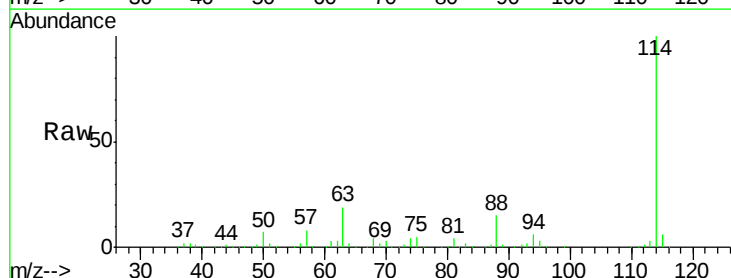
Tgt Ion: 114 Resp: 247764

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.4

88 14.6 0.0 31.8



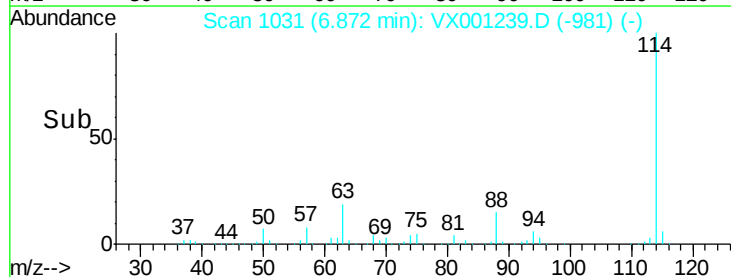
Abundance Ion 113.90 (113.60 to 114.60): V

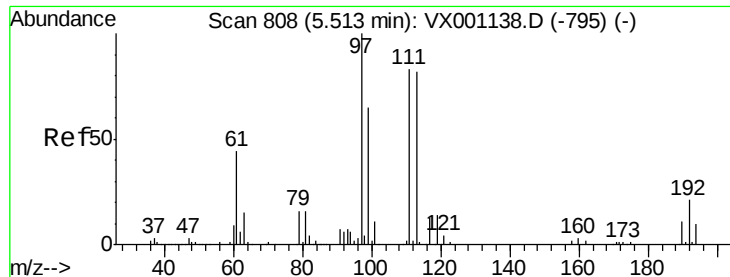
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

Time-->

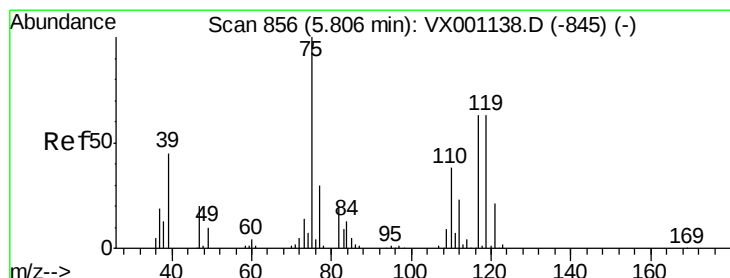
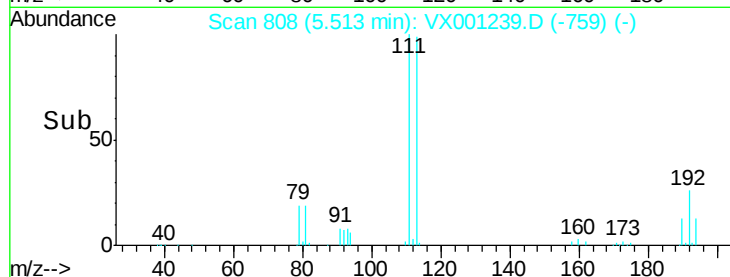
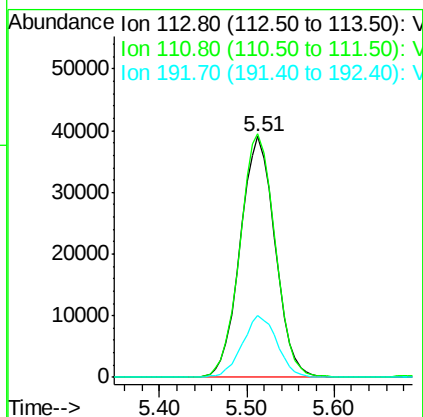
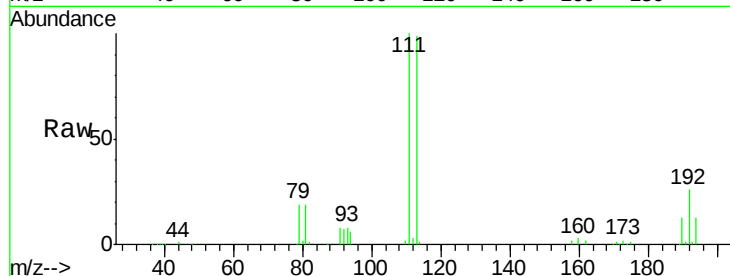




#35
 Dibromofluoromethane
 Concen: 52.98 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001239.D
 Acq: 29 Apr 2018 03:02

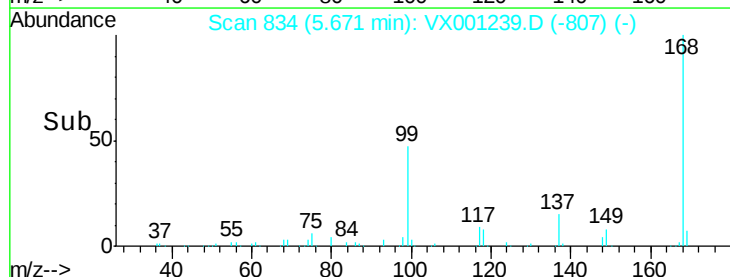
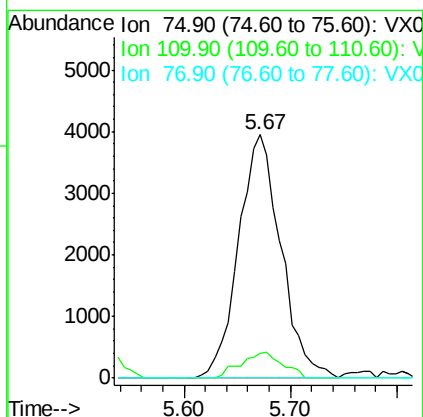
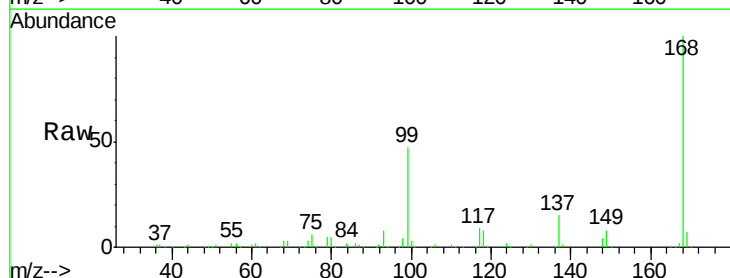
Instrument :
 MSVOA_X
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 BP-TT-AOC22-MW10-20180424

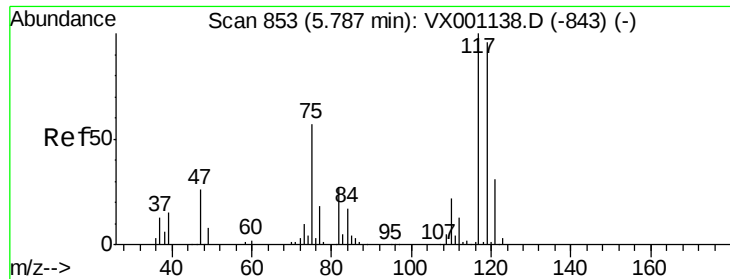
Tgt Ion:113 Resp: 108657
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 25.7 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 4.02 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001239.D
 Acq: 29 Apr 2018 03:02

Tgt Ion: 75 Resp: 10983
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.0 57.0#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 5.41 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW10-20180424

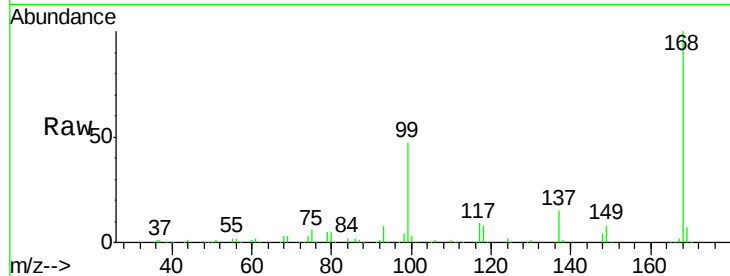
Tgt Ion:117 Resp: 15156

Ion Ratio Lower Upper

117 100

119 3.7 76.5 114.7#

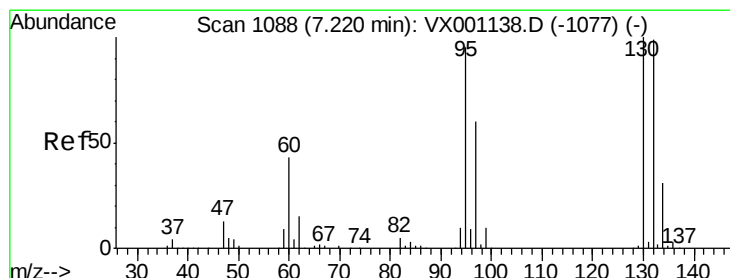
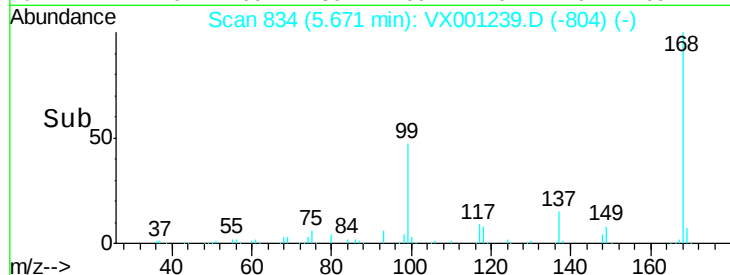
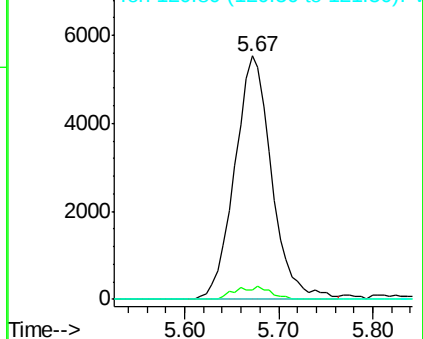
121 0.0 24.6 37.0#



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: 0.64 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001239.D

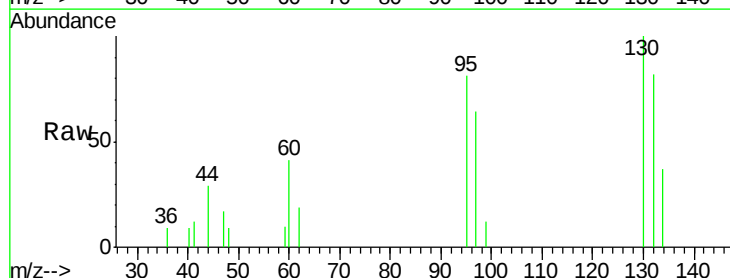
Acq: 29 Apr 2018 03:02

Tgt Ion:130 Resp: 1506

Ion Ratio Lower Upper

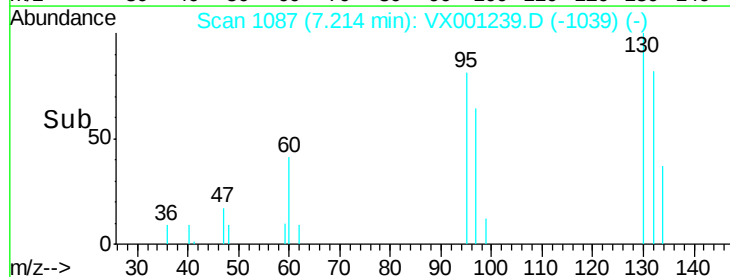
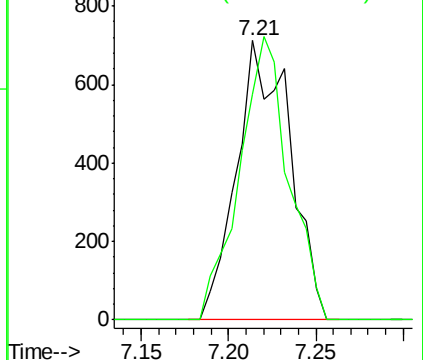
130 100

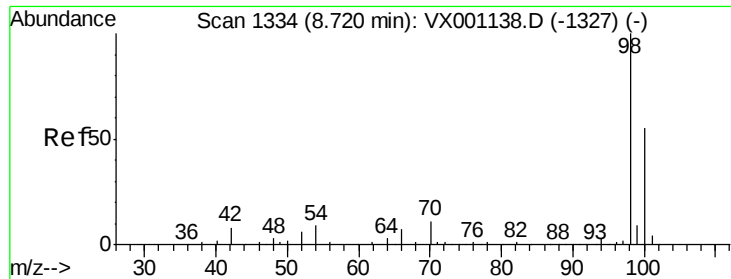
95 81.0 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 53.31 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

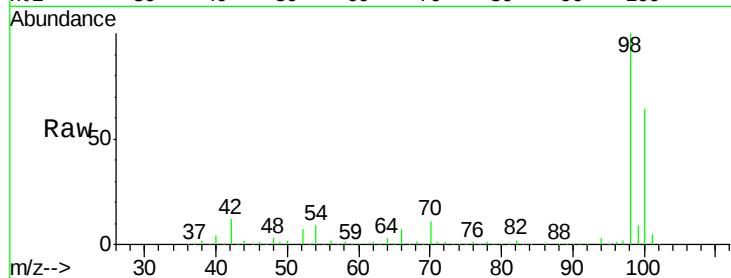
BP-TT-AOC22-MW10-20180424

Tgt Ion: 98 Resp: 412557

Ion Ratio Lower Upper

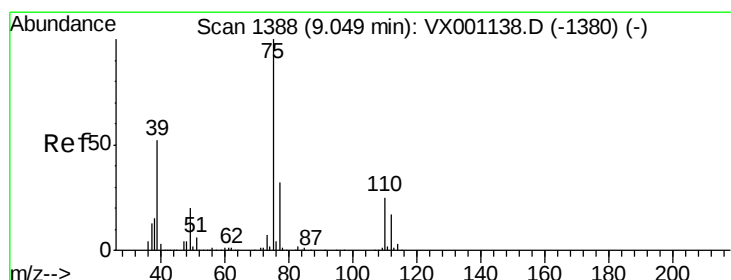
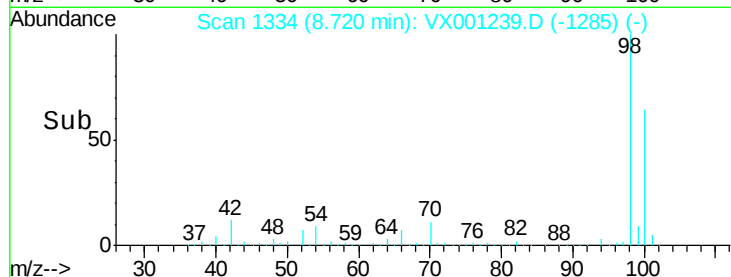
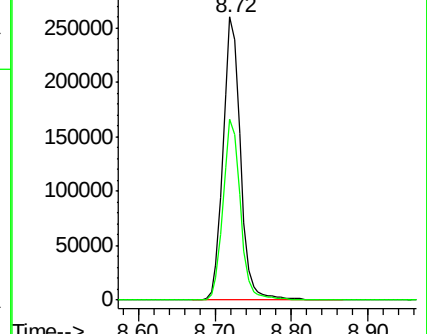
98 100

100 64.1 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#54

cis-1,3-Dichloropropene

Concen: 3.19 ug/l

RT: 9.33 min Scan# 1434

Delta R.T. 0.28 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

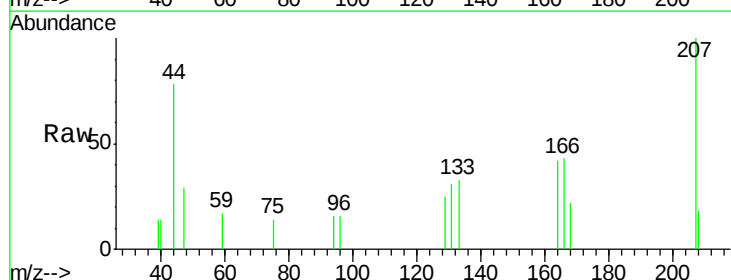
Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

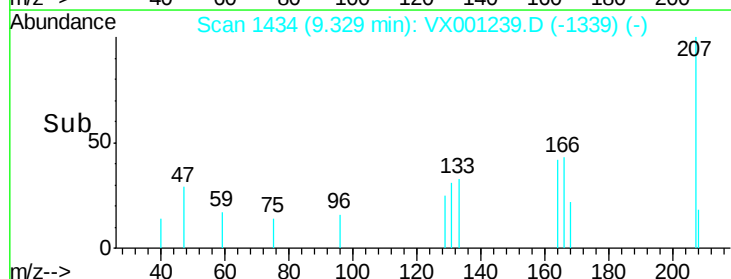
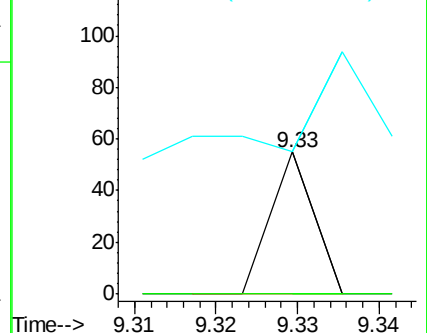
39 0.0 42.0 63.0#

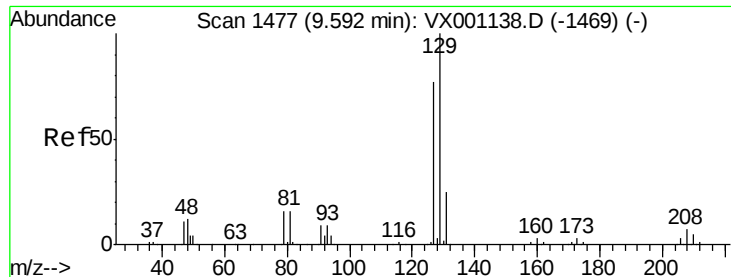


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#60

Dibromochloromethane

Concen: 3.47 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

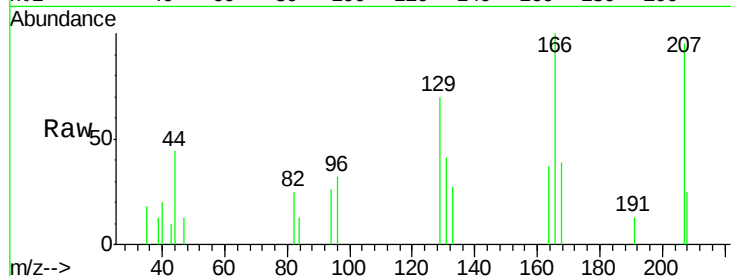
BP-TT-AOC22-MW10-20180424

Tgt Ion: 129 Resp: 328

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

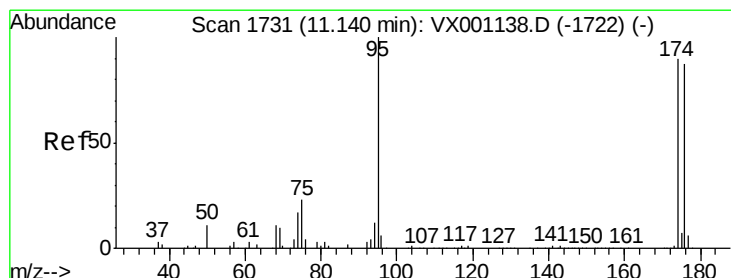
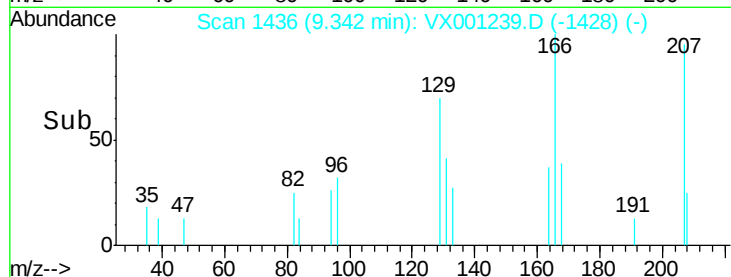
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001239.D

Acq: 29 Apr 2018 03:02

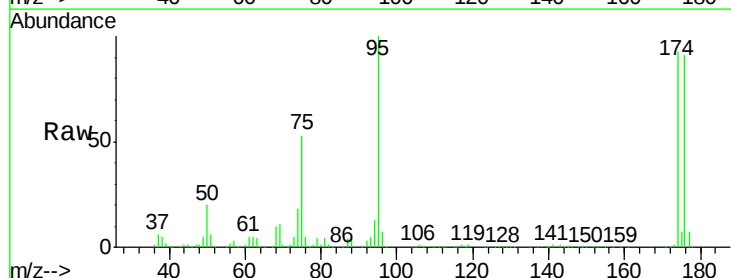
Tgt Ion: 95 Resp: 140675

Ion Ratio Lower Upper

95 100

174 102.1 0.0 194.4

176 100.8 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

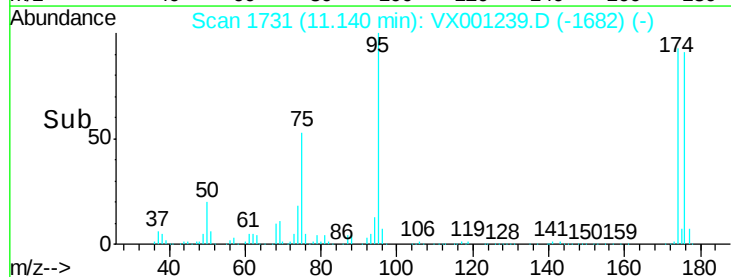
150000

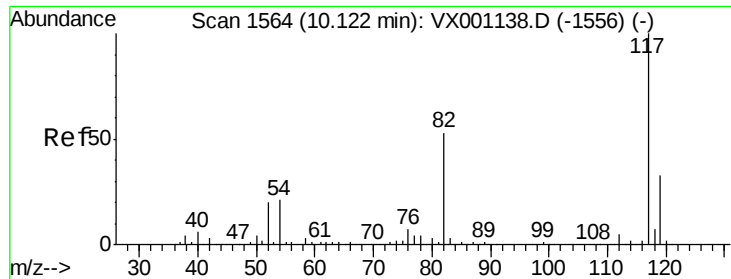
100000

50000

0

Time-->

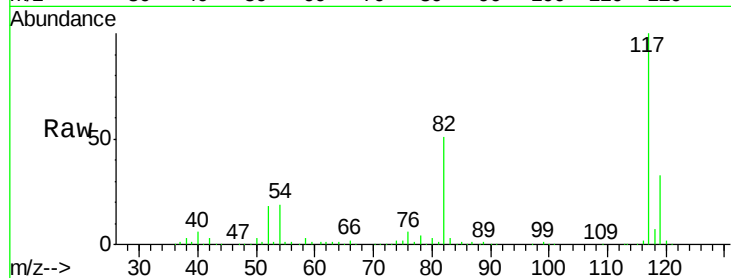




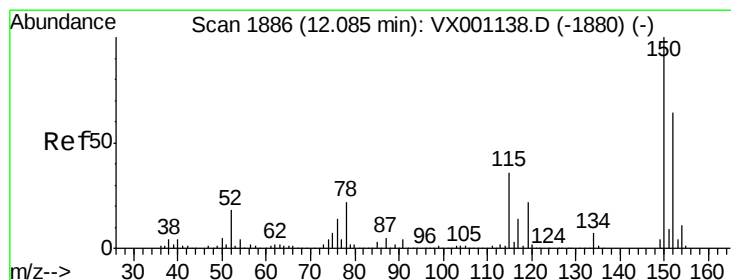
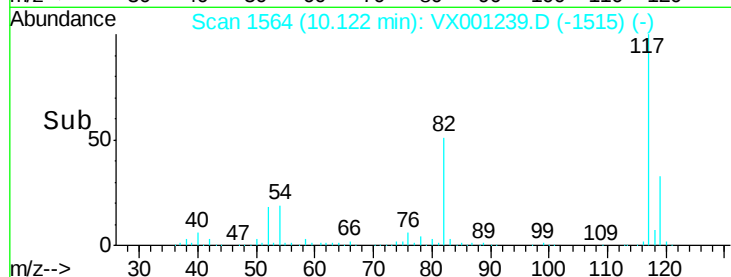
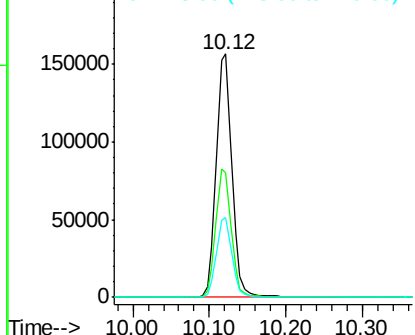
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001239.D
Acq: 29 Apr 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW10-20180424

Tgt Ion:117 Resp: 223458
Ion Ratio Lower Upper
117 100
82 50.9 42.1 63.1
119 32.5 26.1 39.1

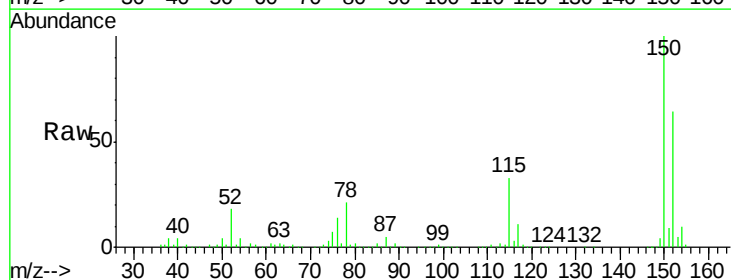


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

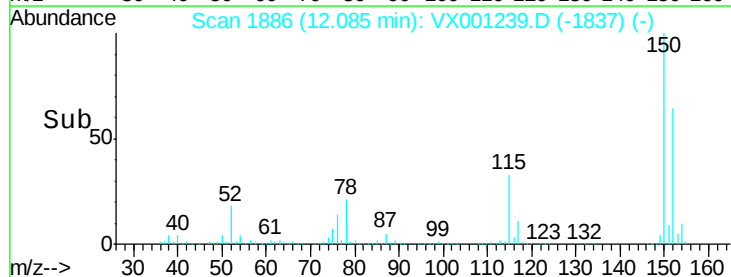
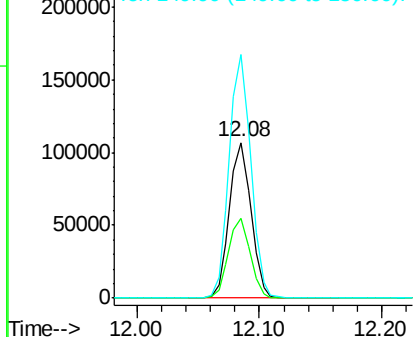


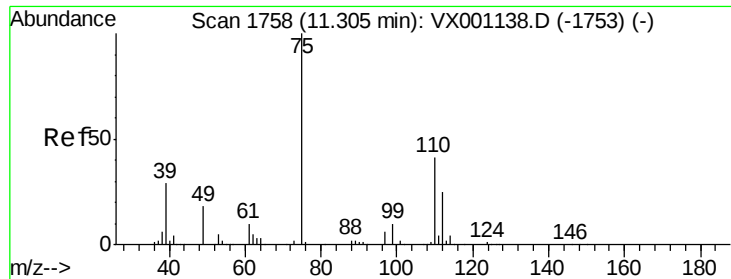
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001239.D
Acq: 29 Apr 2018 03:02

Tgt Ion:152 Resp: 130813
Ion Ratio Lower Upper
152 100
115 51.6 38.0 114.0
150 155.9 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

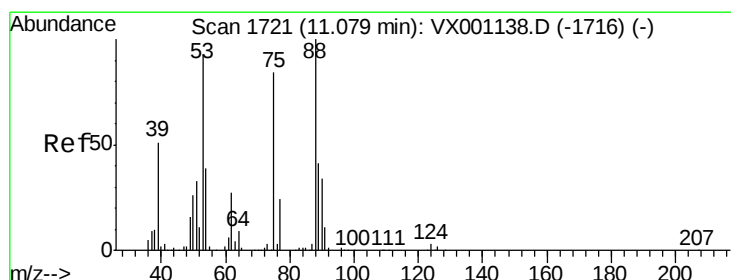
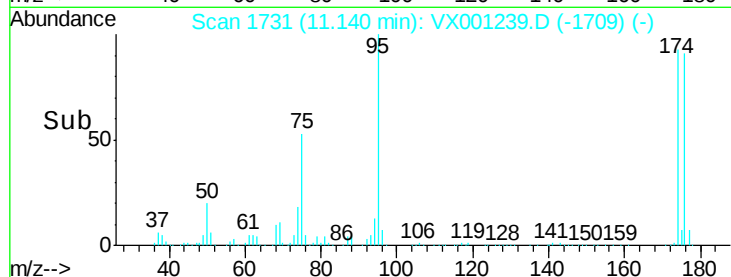
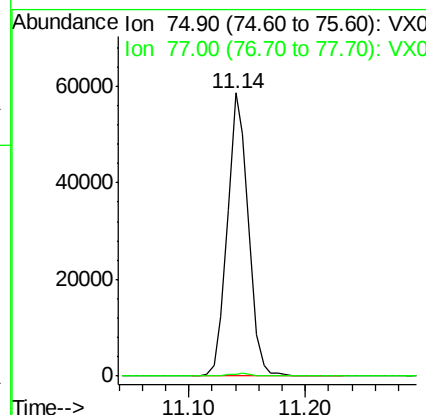
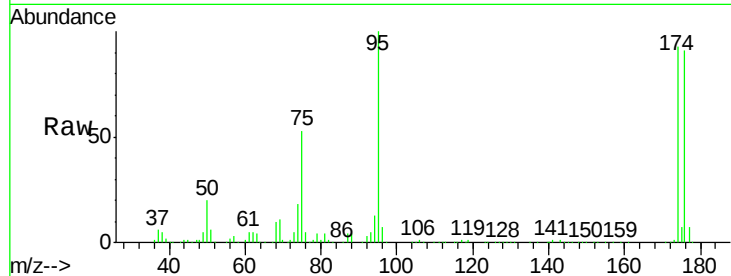




#76
 1,2,3-Trichloropropane
 Concen: 27.19 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001239.D
 Acq: 29 Apr 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW10-20180424

Tgt Ion: 75 Resp: 72428
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.69 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001239.D
 Acq: 29 Apr 2018 03:02

Tgt Ion: 75 Resp: 72428
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#

