

Data File : VX001237.D

Acq On : 29 Apr 2018 02:11

Operator : JC/MD

Sample : J2600-06

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 34 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW08-20180424

Quant Time: Apr 30 01:42:33 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	183481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	252444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	227510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	133028	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	140102	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.51	113	111435	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	8.72	98	425079	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
62) 4-Bromofluorobenzene	11.14	95	144019	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	

Target Compounds

						Qvalue
5) Bromomethane	1.62	94	86	Below Cal	#	3
10) Methyl Iodide	2.52	142	233	7.34	ug/l #	81
11) Tert butyl alcohol	3.07	59	182	0.32	ug/l #	67
16) Acetone	2.45	43	5429	4.64	ug/l	90
20) Methylene Chloride	2.87	84	682	0.31	ug/l #	75
31) Cyclohexane	5.67	56	3291	1.09	ug/l #	15
36) 1,1-Dichloropropene	5.67	75	11212	4.03	ug/l #	49
38) Carbon Tetrachloride	5.67	117	15722	5.51	ug/l #	17
44) Trichloroethene	7.21	130	813	0.34	ug/l	87
54) cis-1,3-Dichloropropene	9.04	75	23	3.19	ug/l #	15
60) Dibromochloromethane	9.34	129	114	3.39	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	76676	28.31	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	76676	85.87	ug/l #	6

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

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Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW08-20180424

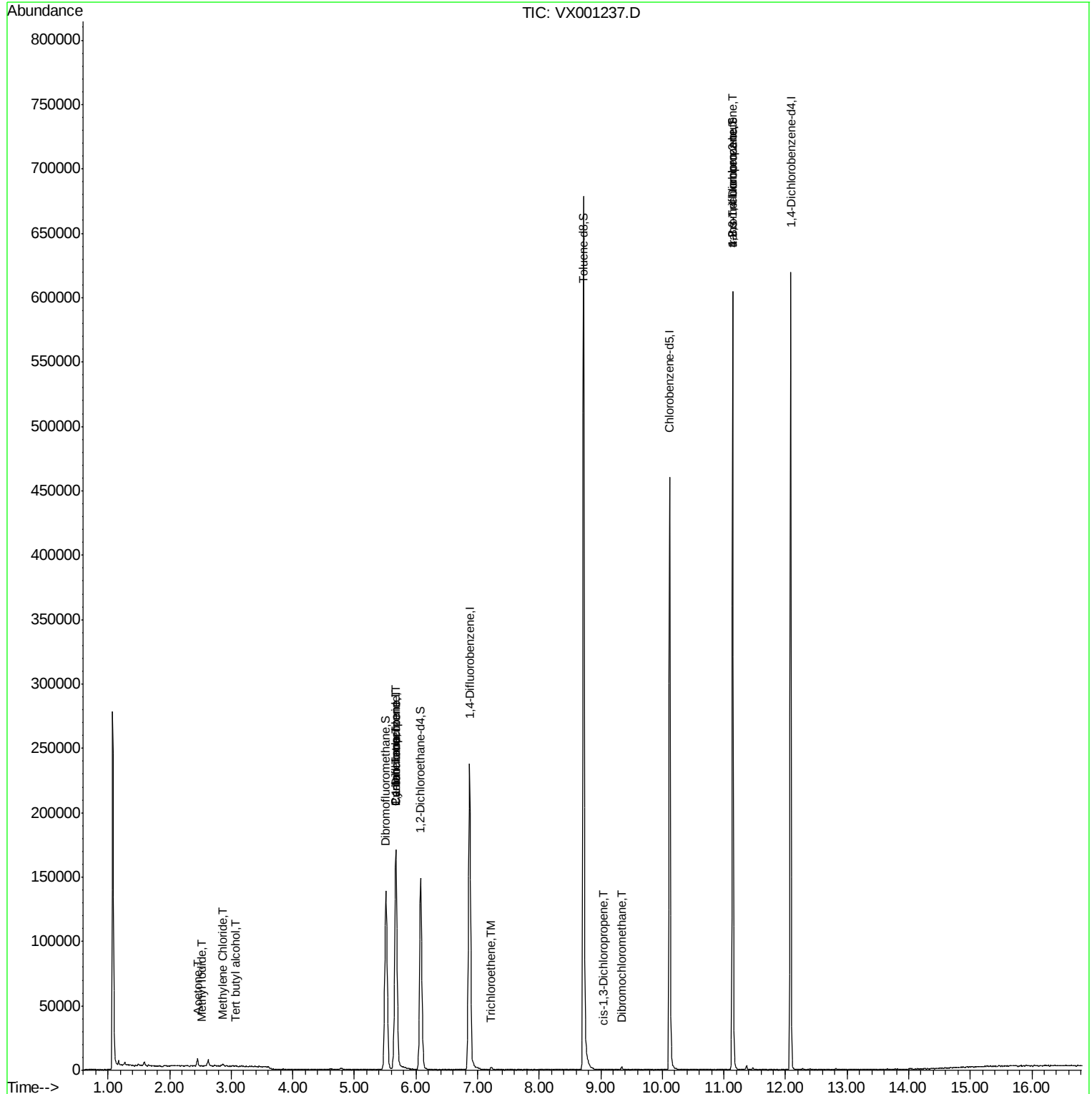
Quant Time: Apr 30 01:42:33 2018

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: VX001237.D

Acq: 29 Apr 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

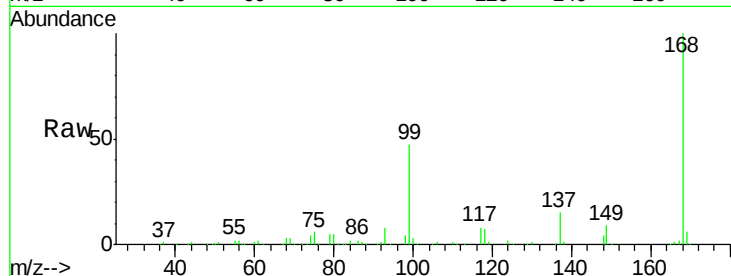
BP-TT-AOC22-MW08-20180424

Tgt Ion:168 Resp: 183481

Ion Ratio Lower Upper

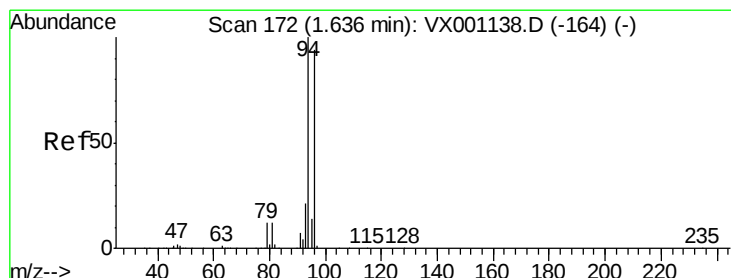
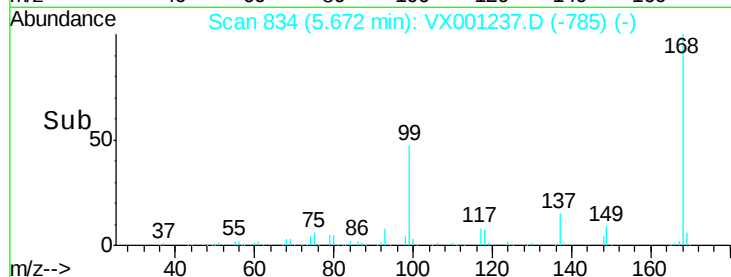
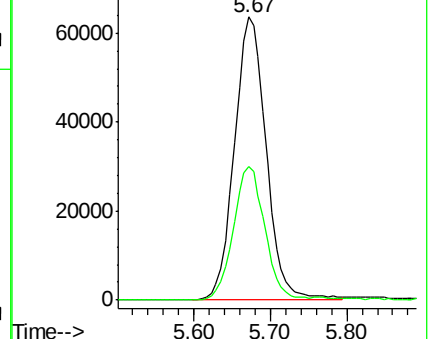
168 100

99 47.3 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: 1.62 min Scan# 169

Delta R.T. -0.02 min

Lab File: VX001237.D

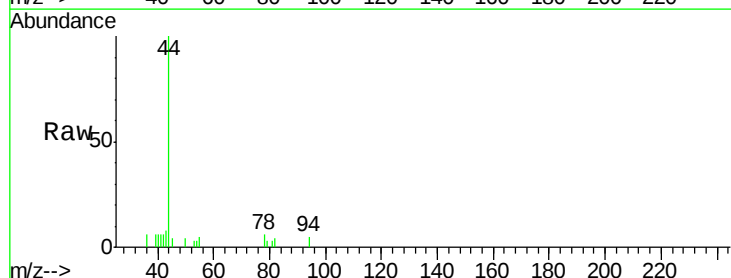
Acq: 29 Apr 2018 02:11

Tgt Ion: 94 Resp: 86

Ion Ratio Lower Upper

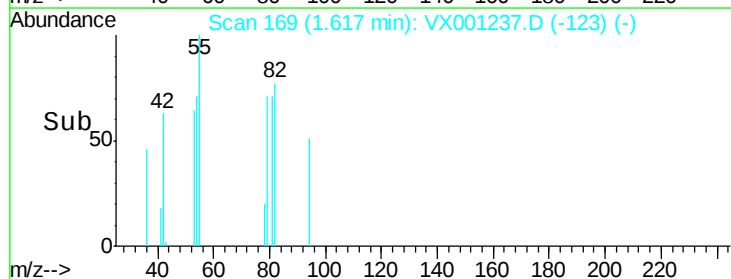
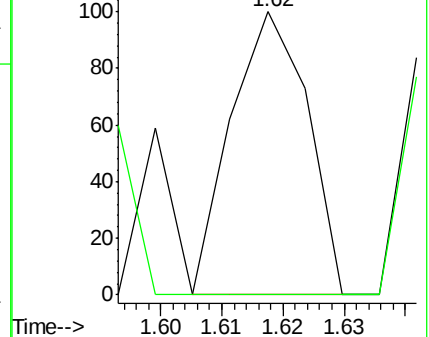
94 100

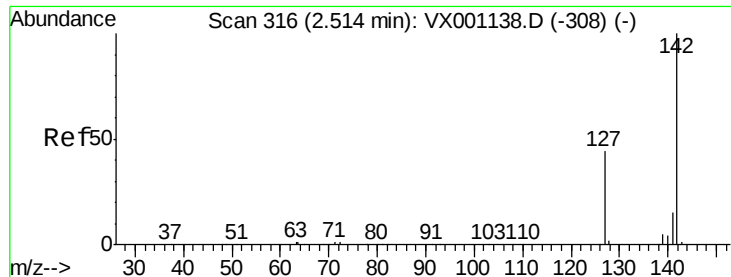
96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

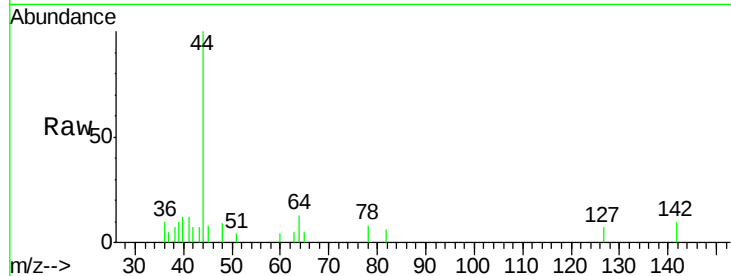




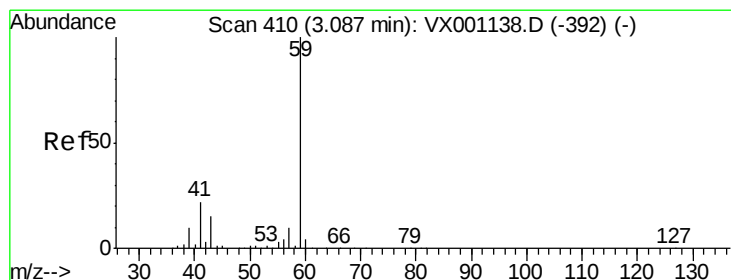
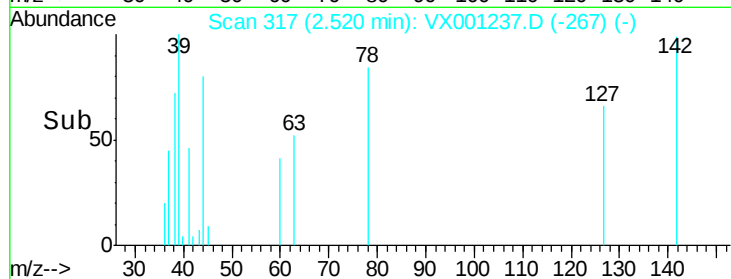
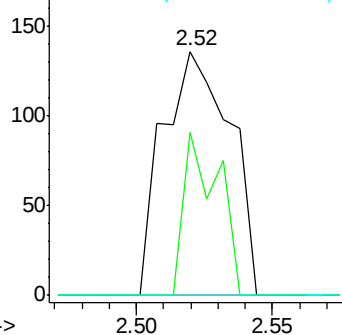
#10
Methyl Iodide
Concen: 7.34 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001237.D
Acq: 29 Apr 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW08-20180424

Tgt Ion:142 Resp: 233
Ion Ratio Lower Upper
142 100
127 34.3 34.7 52.1#
141 0.0 11.6 17.4#

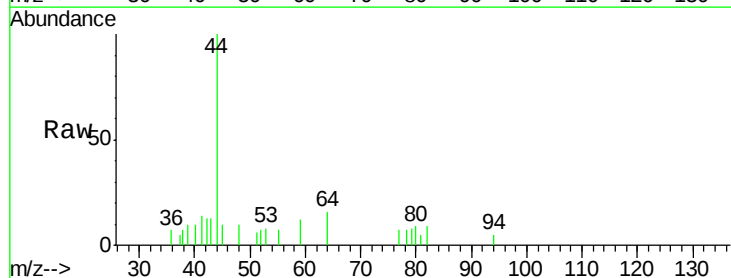


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

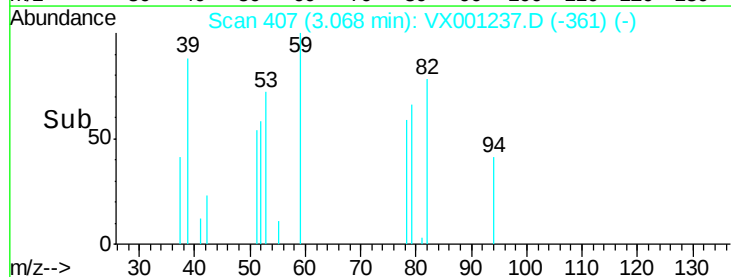
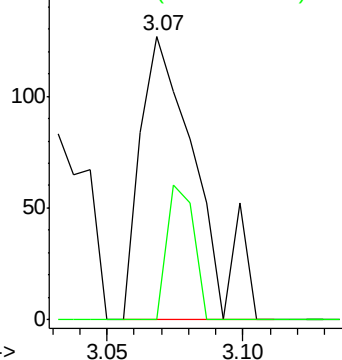


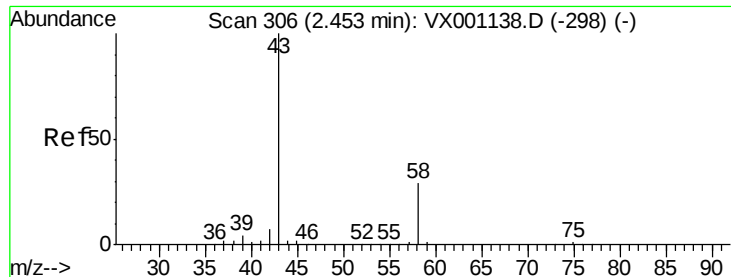
#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001237.D
Acq: 29 Apr 2018 02:11

Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 22.5 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 4.64 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001237.D

Acq: 29 Apr 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

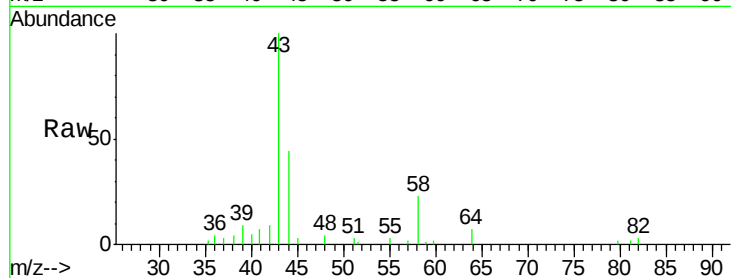
BP-TT-AOC22-MW08-20180424

Tgt Ion: 43 Resp: 5429

Ion Ratio Lower Upper

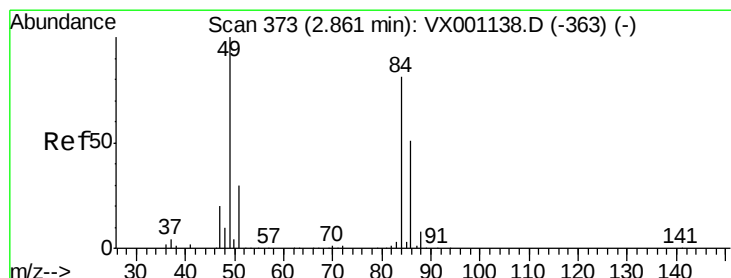
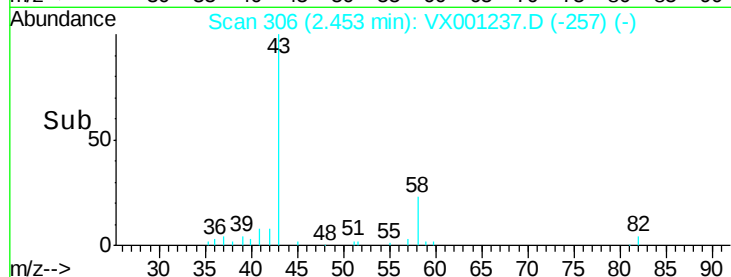
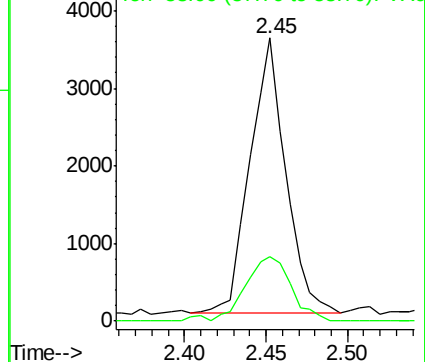
43 100

58 23.6 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: 0.31 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001237.D

Acq: 29 Apr 2018 02:11

Tgt Ion: 84 Resp: 682

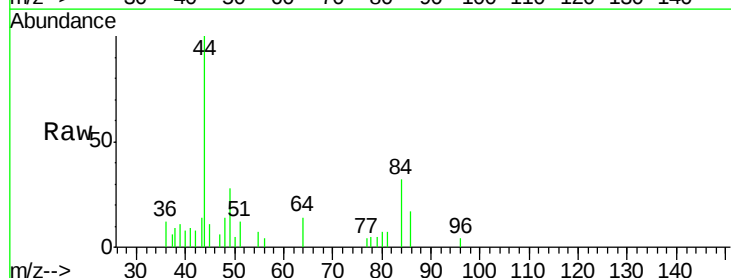
Ion Ratio Lower Upper

84 100

49 86.4 99.2 148.8#

51 24.2 29.5 44.3#

86 54.1 50.2 75.2

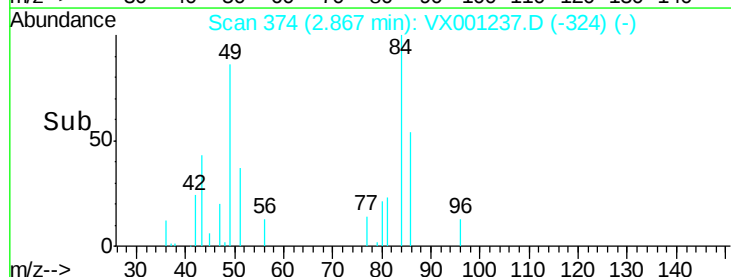
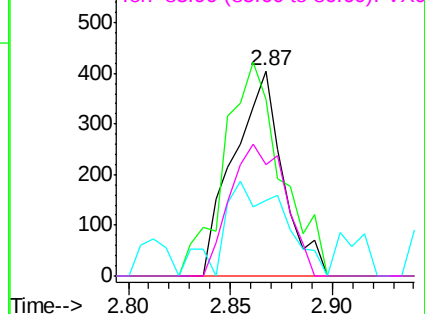


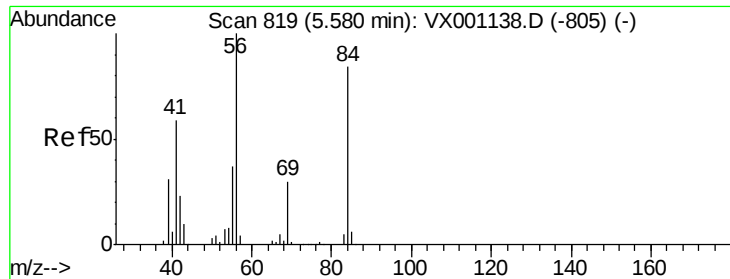
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

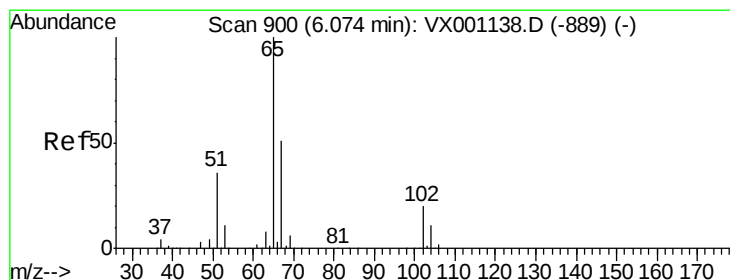
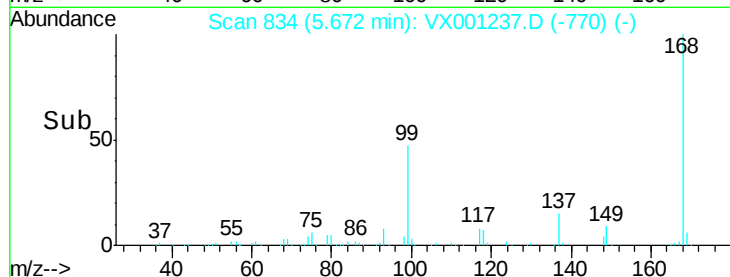
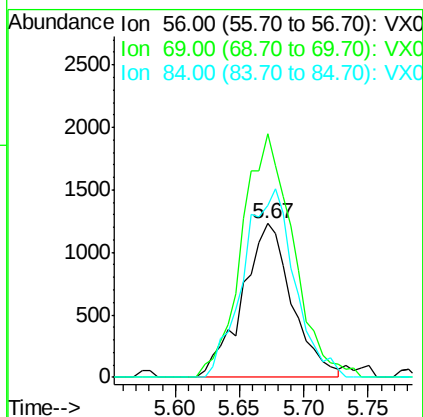
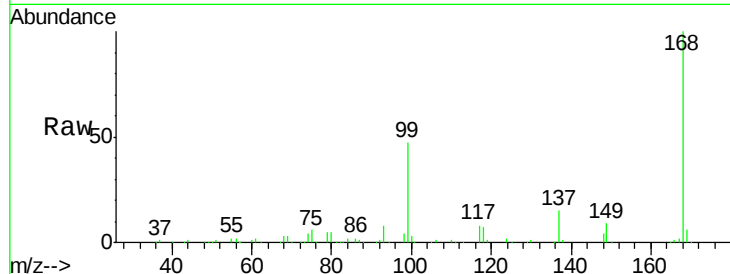




#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001237.D
Acq: 29 Apr 2018 02:11

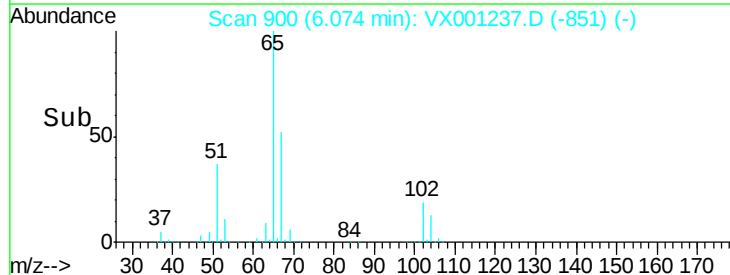
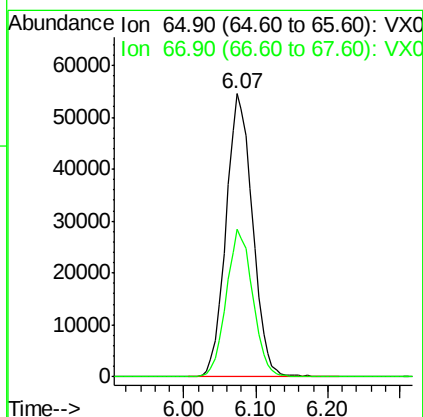
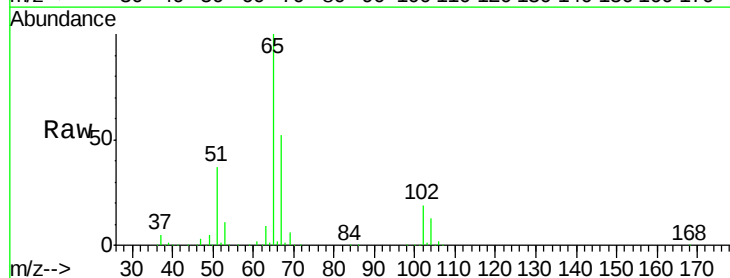
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW08-20180424

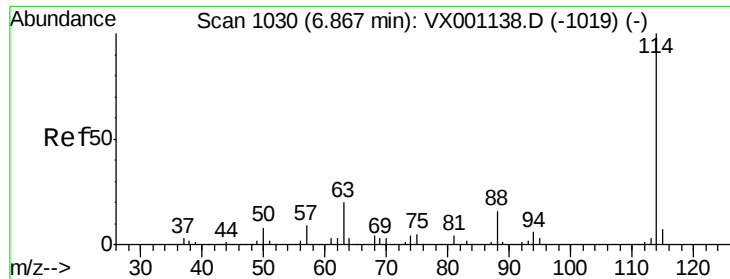
Tgt Ion: 56 Resp: 3291
Ion Ratio Lower Upper
56 100
69 158.6 24.2 36.2#
84 112.4 67.5 101.3#



#33
1,2-Dichloroethane-d4
Concen: 49.26 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001237.D
Acq: 29 Apr 2018 02:11

Tgt Ion: 65 Resp: 140102
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.2

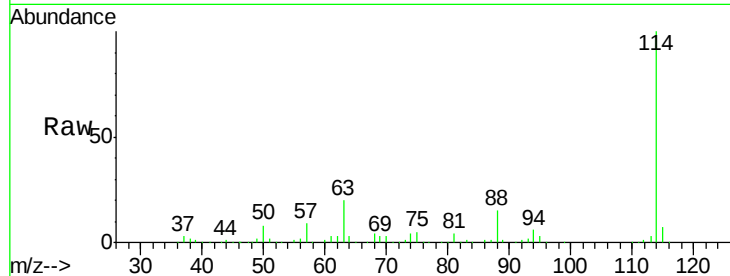




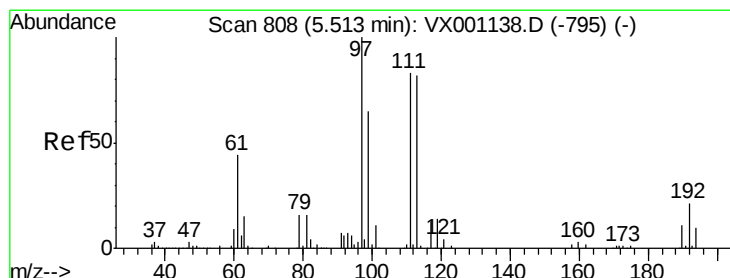
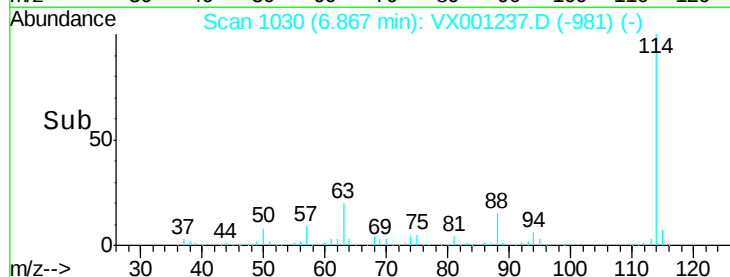
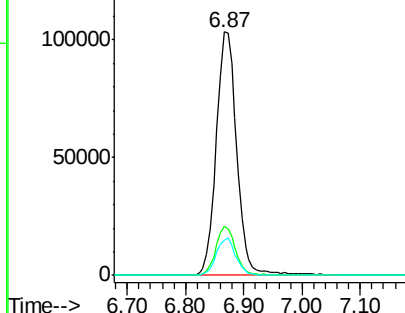
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001237.D
Acq: 29 Apr 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW08-20180424

Tgt Ion:114 Resp: 252444
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.4
88 14.5 0.0 31.8

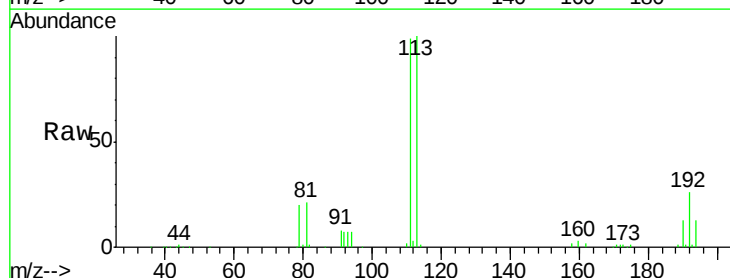


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

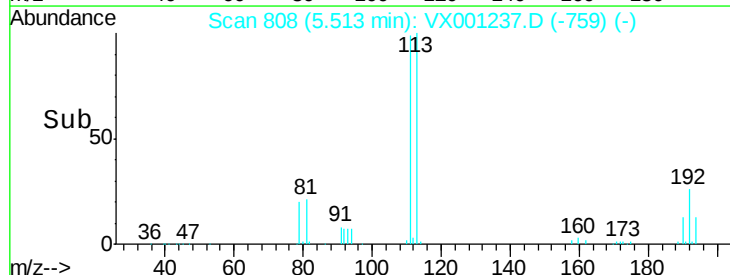
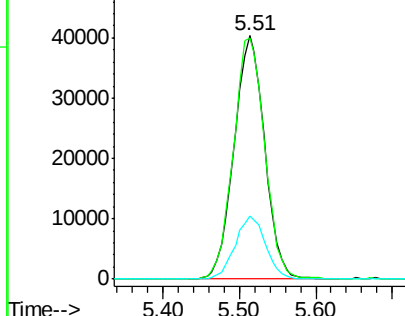


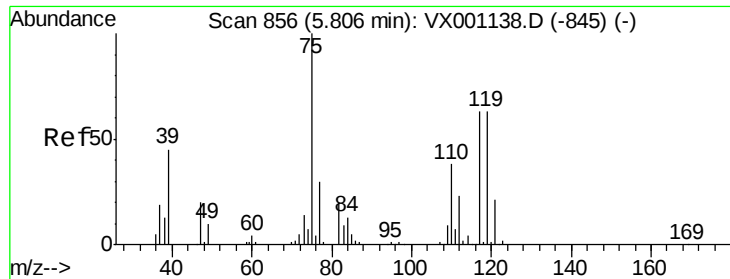
#35
Dibromofluoromethane
Concen: 53.33 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001237.D
Acq: 29 Apr 2018 02:11

Tgt Ion:113 Resp: 111435
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 25.8 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

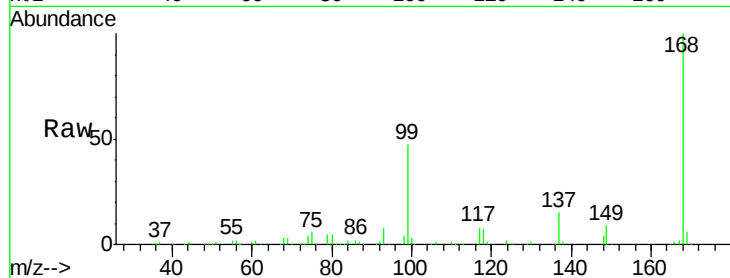




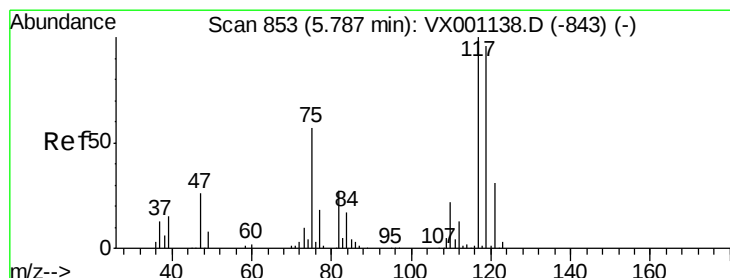
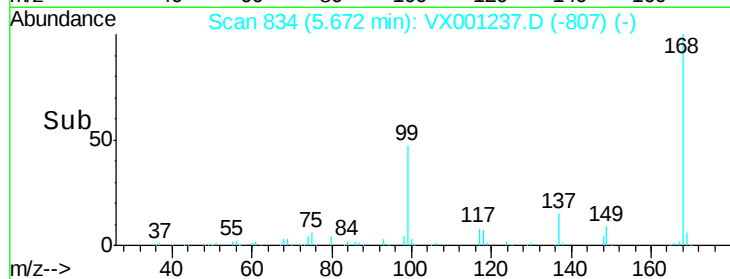
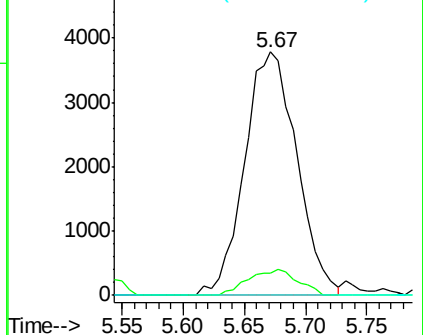
#36
 1,1-Dichloropropene
 Concen: 4.03 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001237.D
 Acq: 29 Apr 2018 02:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW08-20180424

Tgt Ion: 75 Resp: 11212
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.0 57.0#
 77 0.0 24.8 37.2#

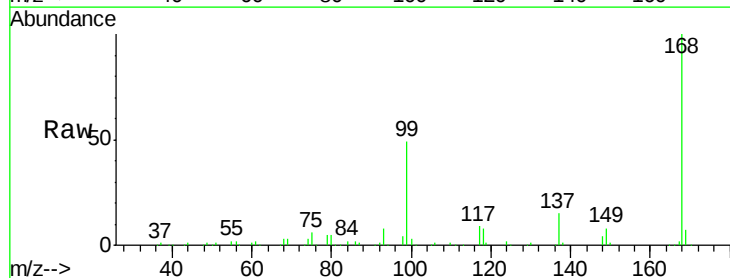


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

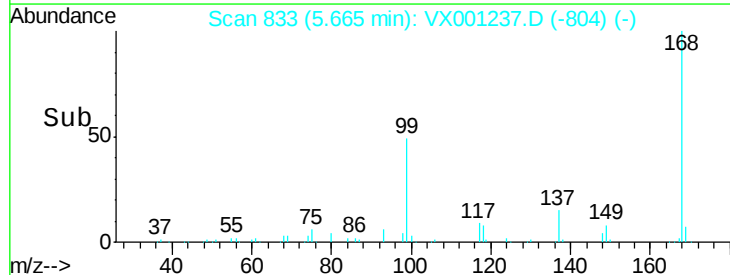
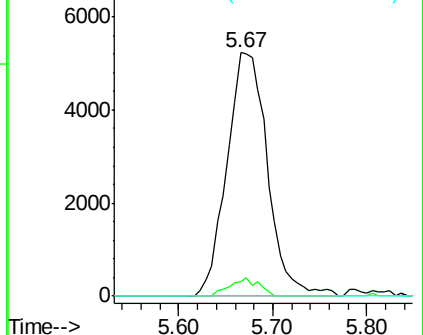


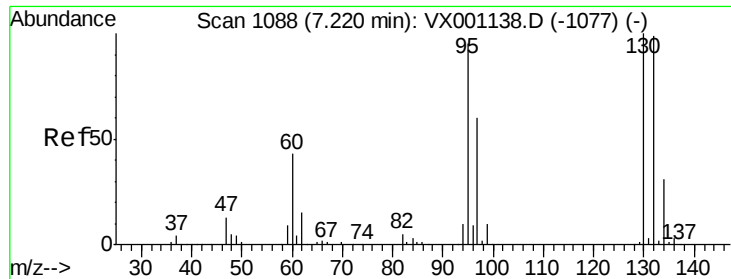
#38
 Carbon Tetrachloride
 Concen: 5.51 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001237.D
 Acq: 29 Apr 2018 02:11

Tgt Ion: 117 Resp: 15722
 Ion Ratio Lower Upper
 117 100
 119 5.7 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: 0.34 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001237.D

Acq: 29 Apr 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

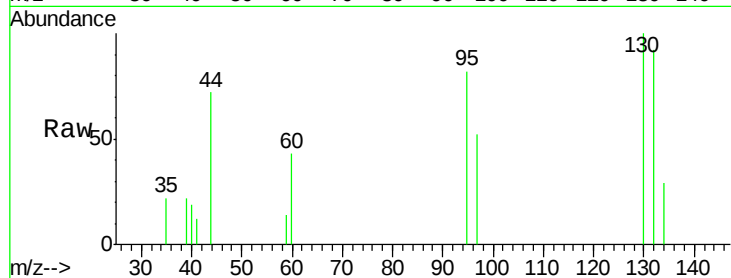
BP-TT-AOC22-MW08-20180424

Tgt Ion:130 Resp: 813

Ion Ratio Lower Upper

130 100

95 82.1 0.0 189.6

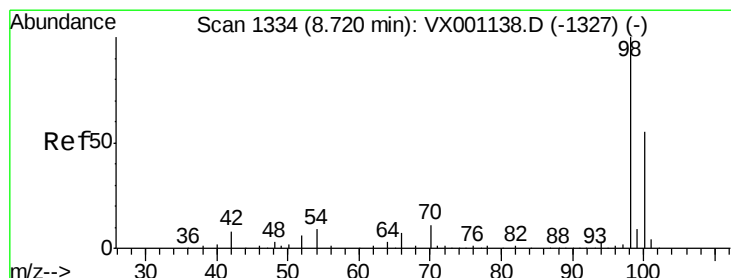
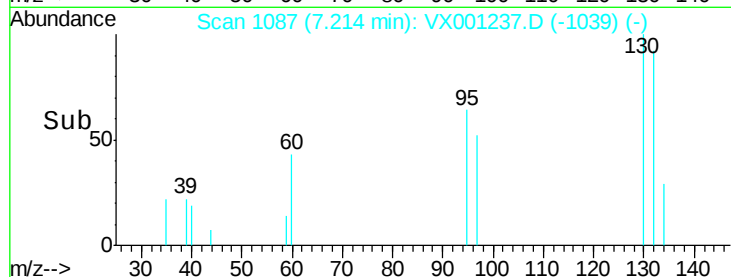


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

Time-->



#50

Toluene-d8

Concen: 53.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001237.D

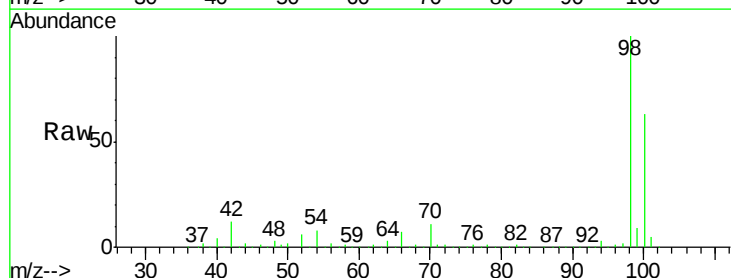
Acq: 29 Apr 2018 02:11

Tgt Ion: 98 Resp: 425079

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.6

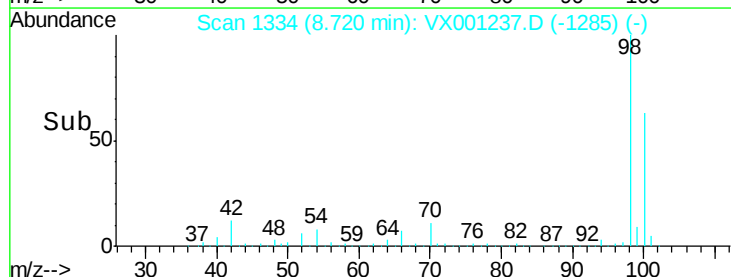


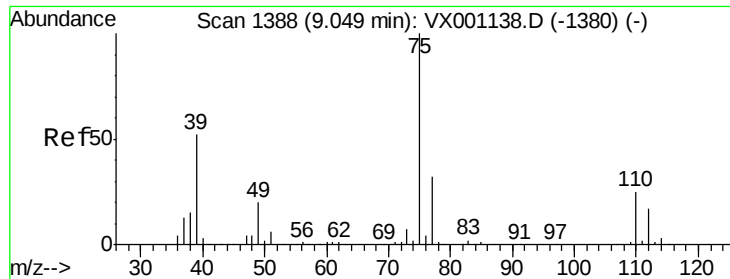
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

Time-->



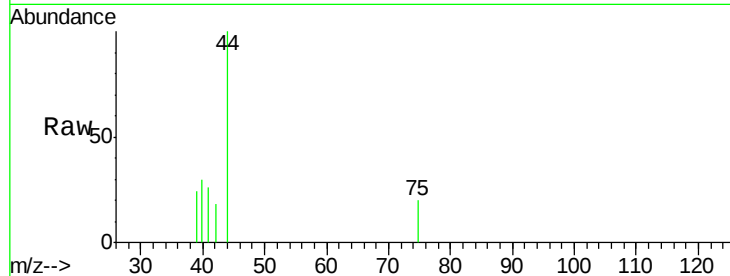


#54

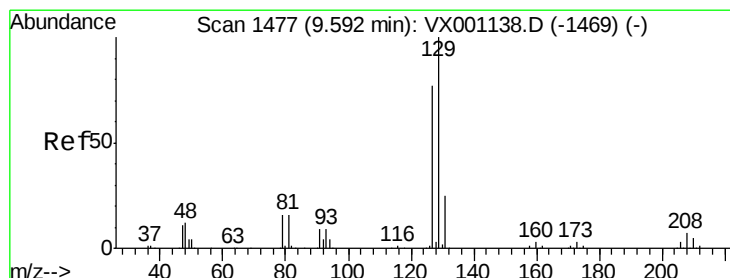
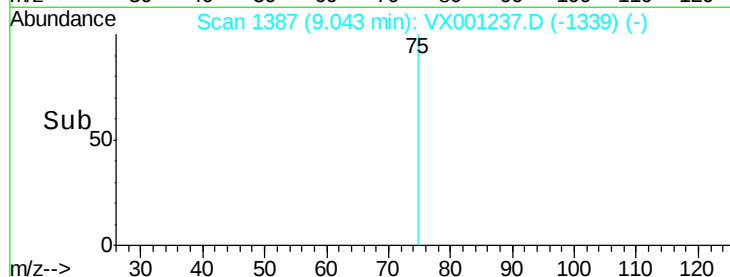
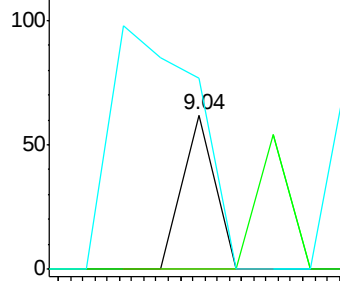
cis-1,3-Dichloropropene
 Concen: 3.19 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX001237.D
 Acq: 29 Apr 2018 02:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW08-20180424

Tgt Ion: 75 Resp: 23
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#
 39 124.2 42.0 63.0#



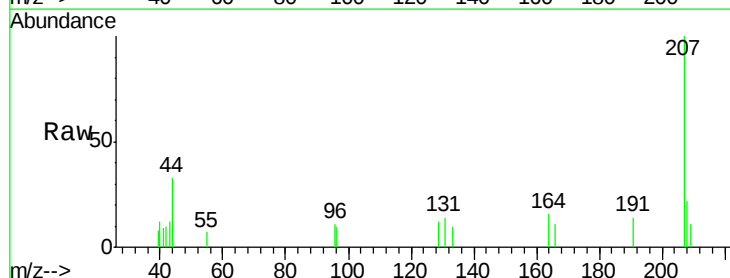
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



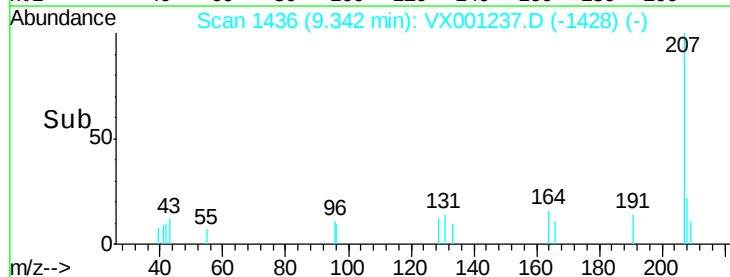
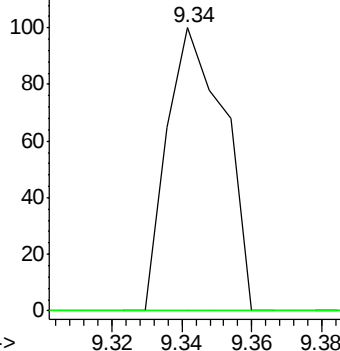
#60

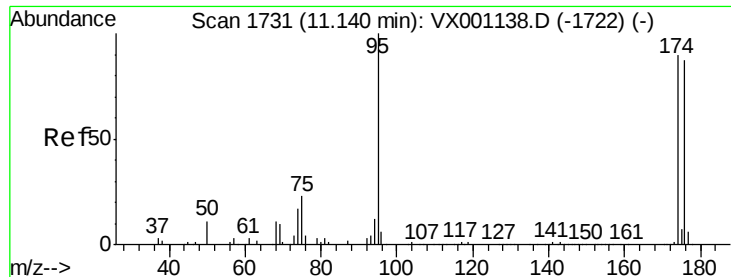
Dibromochloromethane
 Concen: 3.39 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: VX001237.D
 Acq: 29 Apr 2018 02:11

Tgt Ion: 129 Resp: 114
 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: 46.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001237.D

Acq: 29 Apr 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW08-20180424

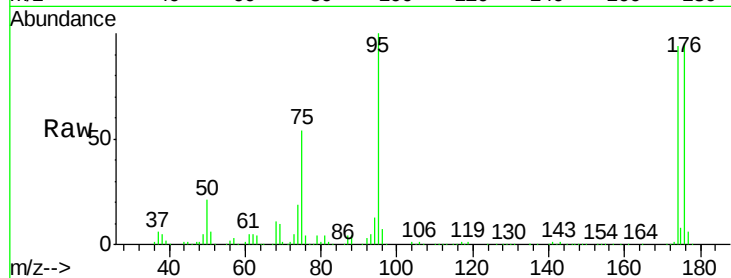
Tgt Ion: 95 Resp: 144019

Ion Ratio Lower Upper

95 100

174 103.8 0.0 194.4

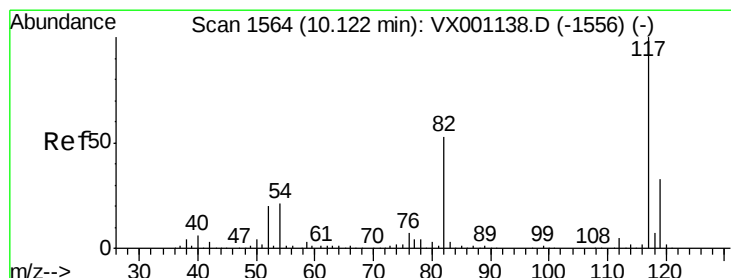
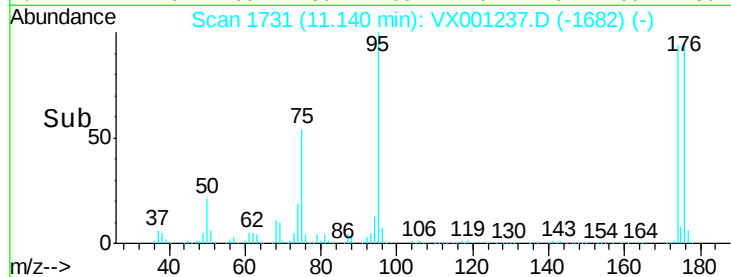
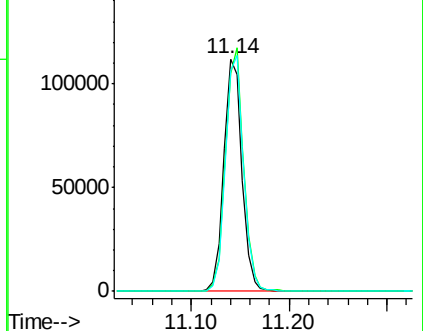
176 101.5 0.0 190.2



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: VX001237.D

Acq: 29 Apr 2018 02:11

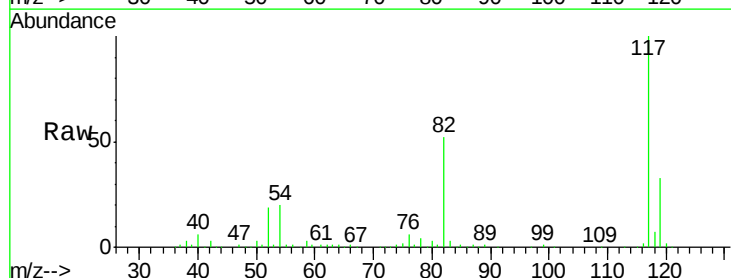
Tgt Ion: 117 Resp: 227510

Ion Ratio Lower Upper

117 100

82 51.8 42.1 63.1

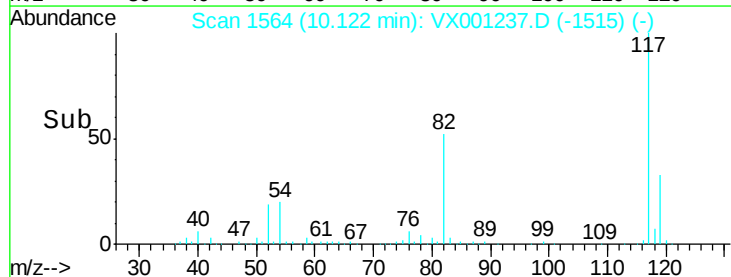
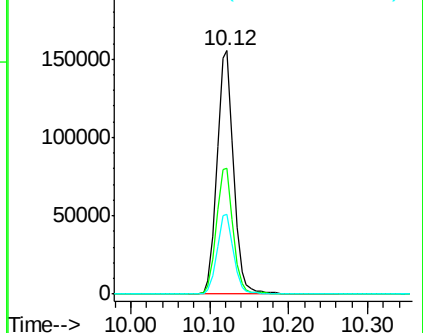
119 32.6 26.1 39.1

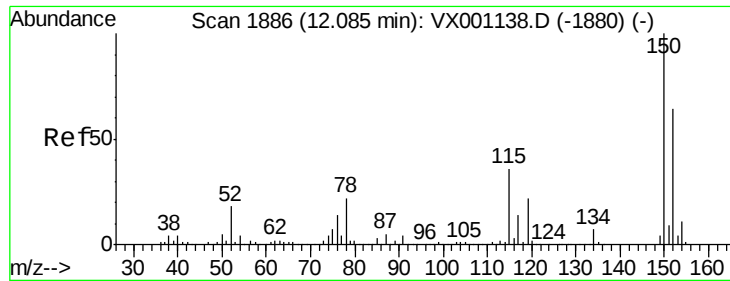


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX001237.D

Acq: 29 Apr 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW08-20180424

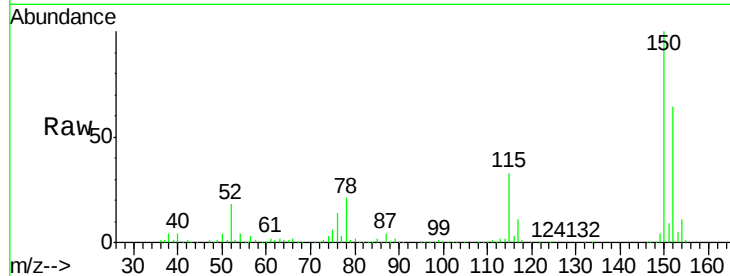
Tgt Ion:152 Resp: 133028

Ion Ratio Lower Upper

152 100

115 52.4 38.0 114.0

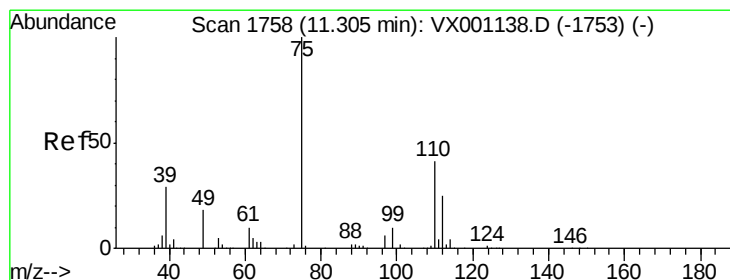
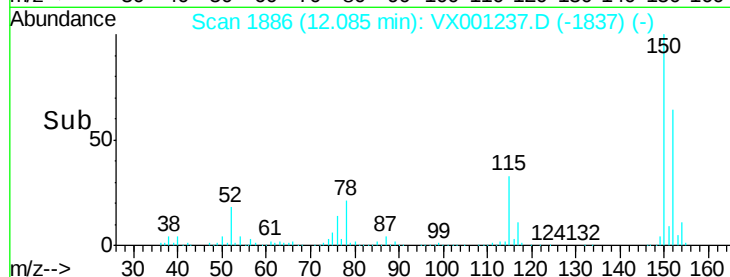
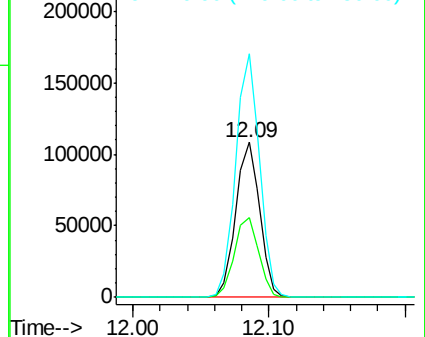
150 156.0 0.0 349.6



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: 28.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001237.D

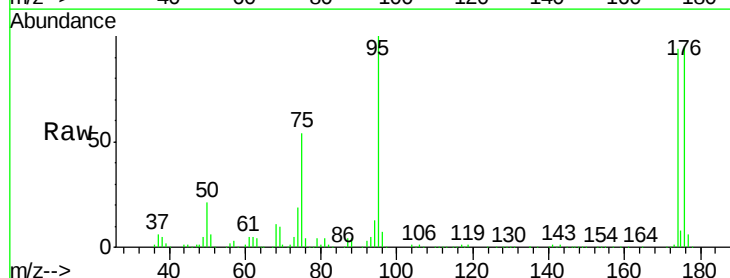
Acq: 29 Apr 2018 02:11

Tgt Ion: 75 Resp: 76676

Ion Ratio Lower Upper

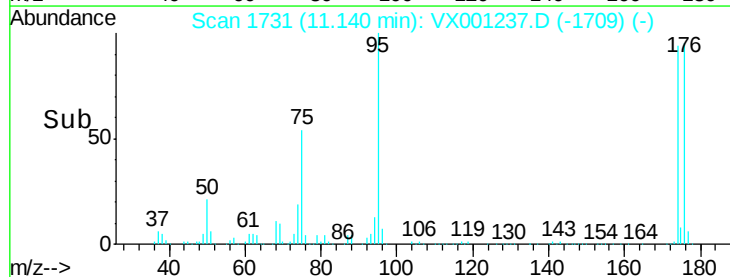
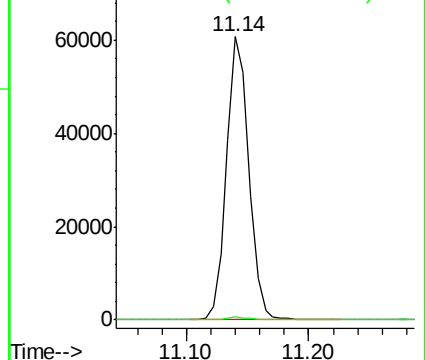
75 100

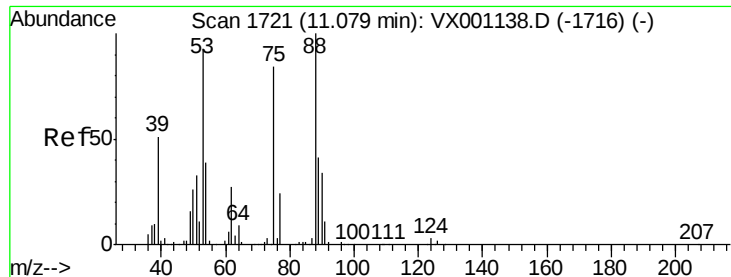
77 0.9 18.9 56.9#



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: 85.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001237.D

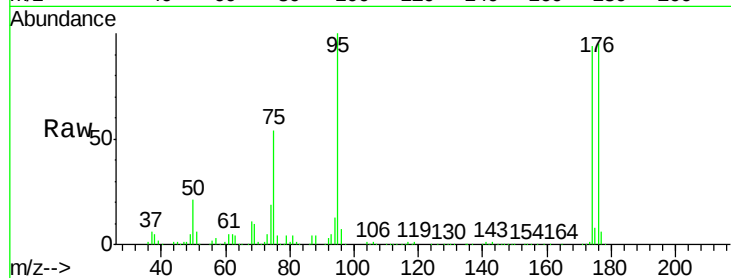
Acq: 29 Apr 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW08-20180424



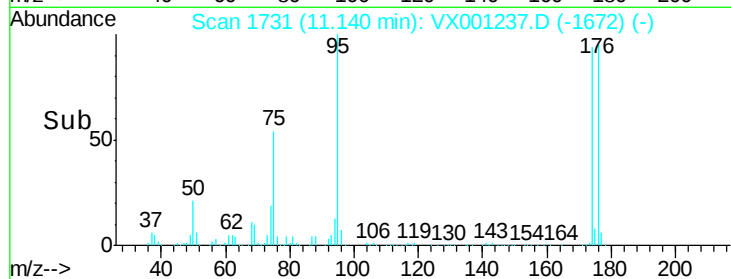
Tgt Ion: 75 Resp: 76676

Ion Ratio Lower Upper

75 100

53 0.0 87.9 131.9#

89 0.0 37.7 56.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

