

Data File : VX001217.D
Acq On : 28 Apr 2018 16:47
Operator : JC/MD
Sample : J2463-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AOC50MW002-180417

Quant Time: Apr 30 01:31:37 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	238827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	218990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127976	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136116	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.51	113	109409	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
50) Toluene-d8	8.72	98	415108	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
62) 4-Bromofluorobenzene	11.14	95	145420	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

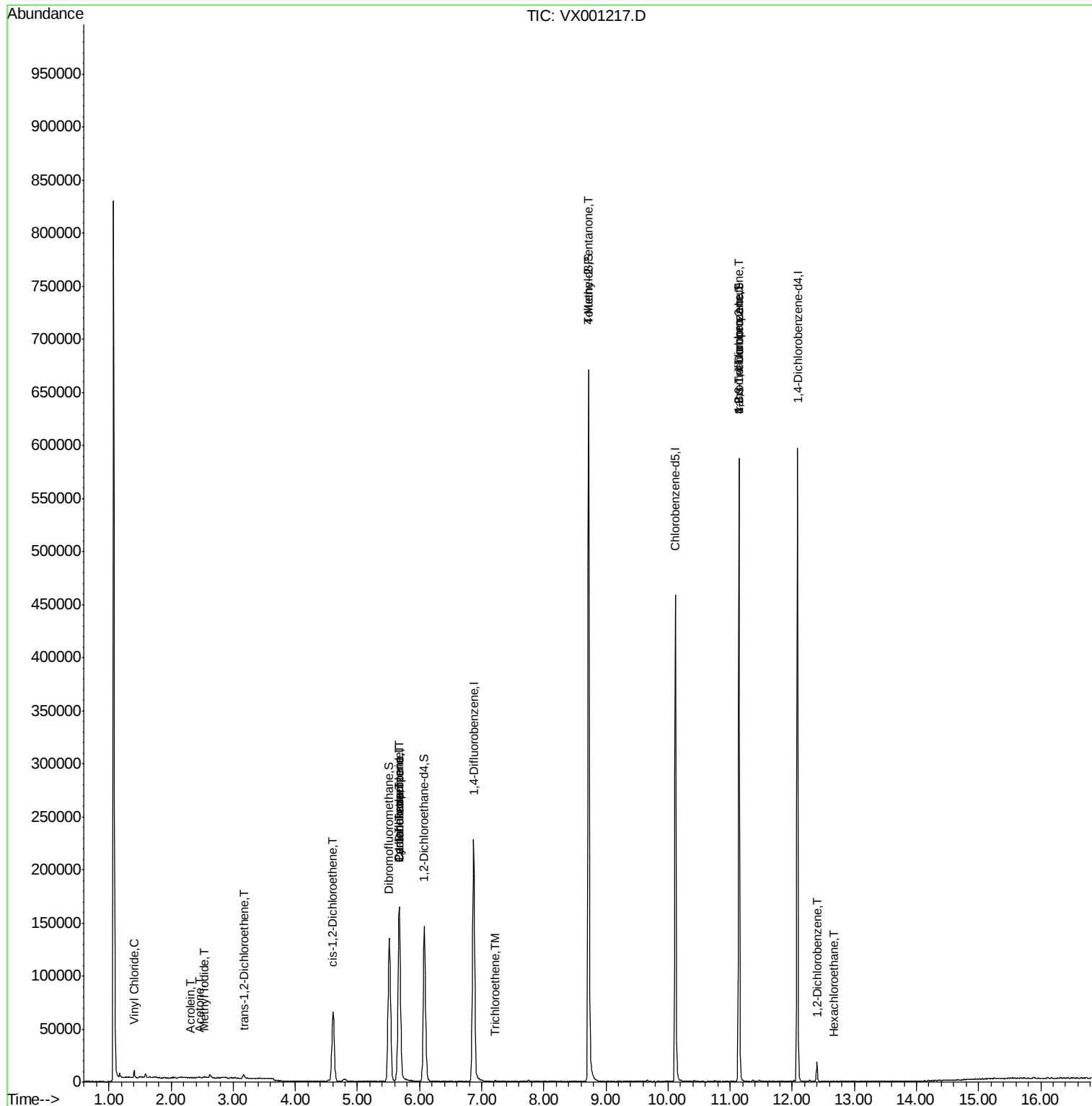
Target Compounds				Qvalue		
4) Vinyl Chloride	1.40	62	3953	1.91	ug/l	99
5) Bromomethane	1.65	94	403	Below	Cal	85
10) Methyl Iodide	2.53	142	218	7.34	ug/l #	79
13) Acrolein	2.31	56	144	0.70	ug/l	99
16) Acetone	2.45	43	795	0.70	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	1323	0.67	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	43259	19.93	ug/l	88
31) Cyclohexane	5.67	56	3152	1.08	ug/l #	16
36) 1,1-Dichloropropene	5.67	75	11132	4.23	ug/l #	49
38) Carbon Tetrachloride	5.67	117	15212	5.64	ug/l #	17
44) Trichloroethene	7.22	130	500	0.22	ug/l	95
51) 4-Methyl-2-Pentanone	8.72	43	2259	0.69	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	74322	28.52	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	74322	86.48	ug/l #	6
90) Hexachloroethane	12.68	117	21	3.39	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	5700	1.27	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

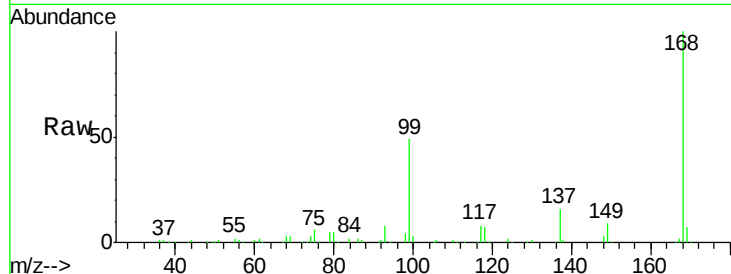
AOC50MW002-180417

Tgt Ion:168 Resp: 177353

Ion Ratio Lower Upper

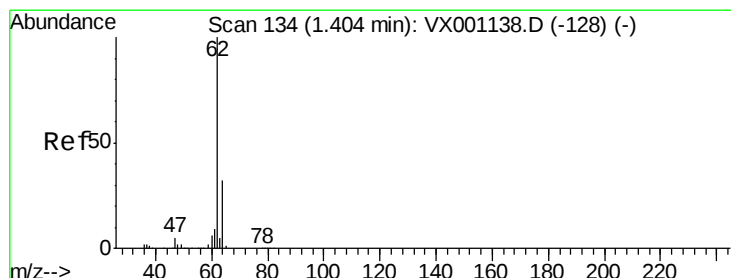
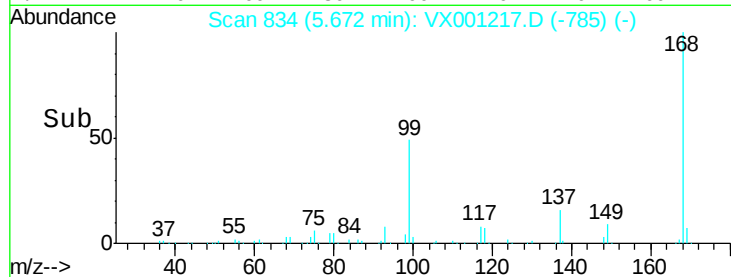
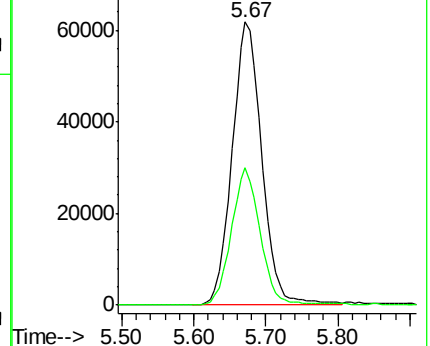
168 100

99 48.6 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.91 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001217.D

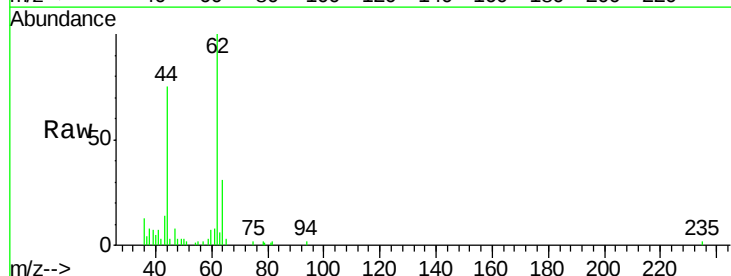
Acq: 28 Apr 2018 16:47

Tgt Ion: 62 Resp: 3953

Ion Ratio Lower Upper

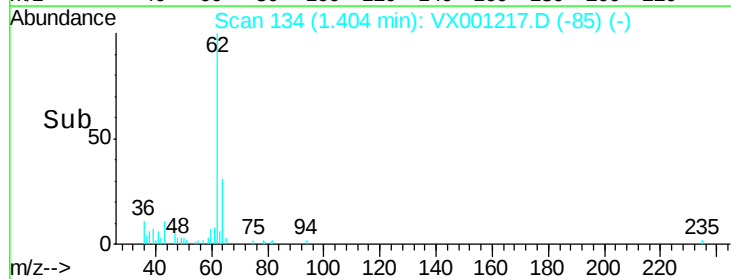
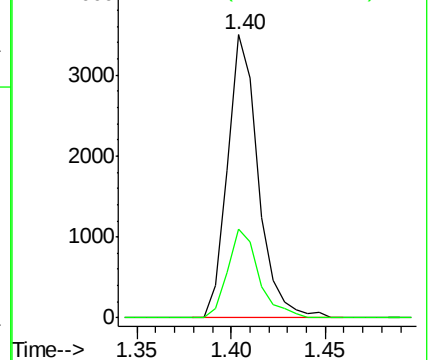
62 100

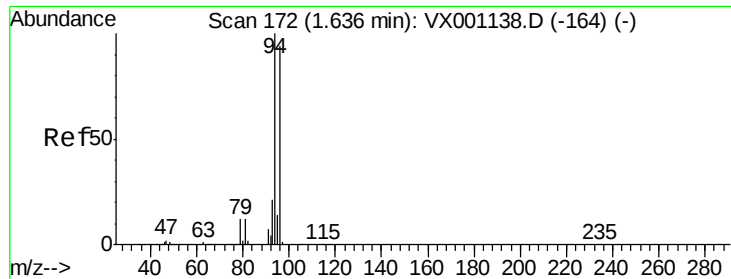
64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

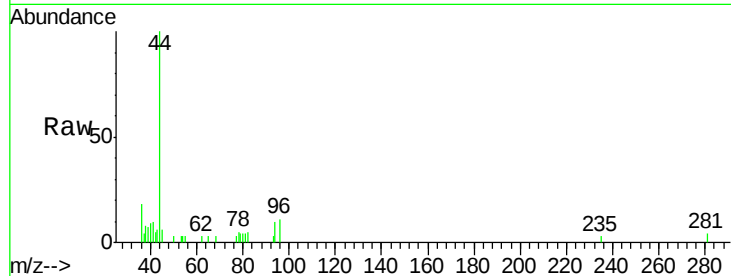
AOC50MW002-180417

Tgt Ion: 94 Resp: 403

Ion Ratio Lower Upper

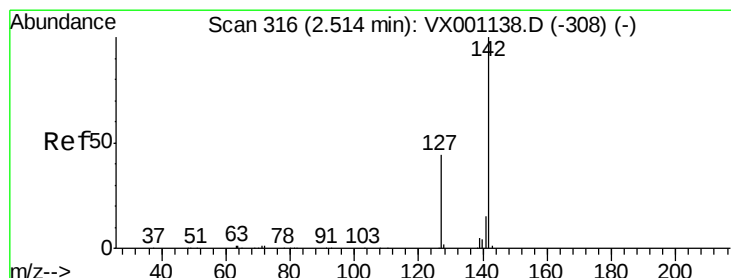
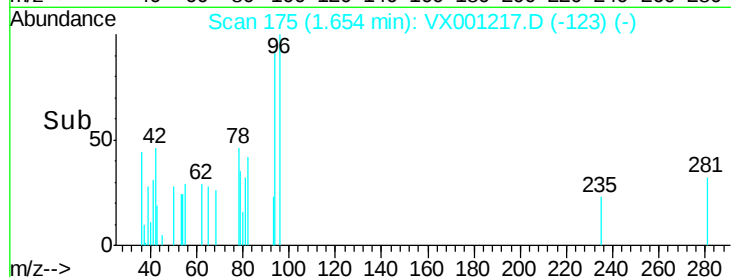
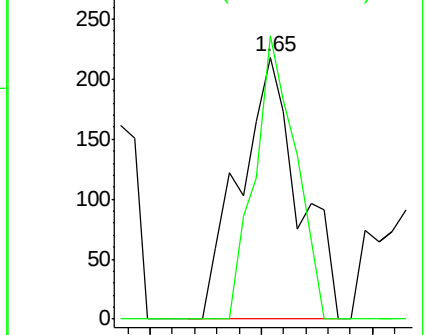
94 100

96 108.3 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: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

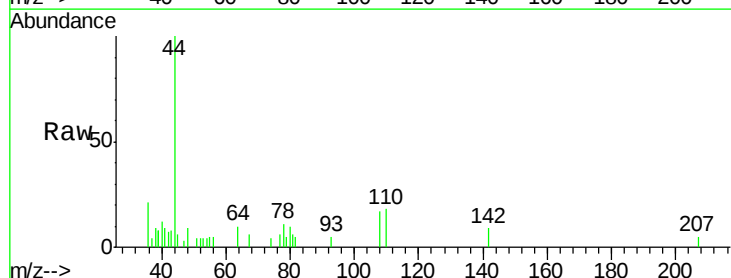
Tgt Ion: 142 Resp: 218

Ion Ratio Lower Upper

142 100

127 33.0 34.7 52.1#

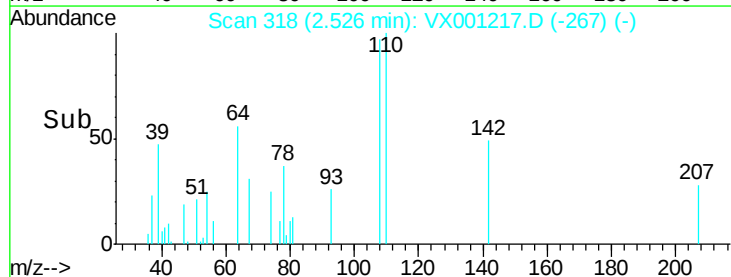
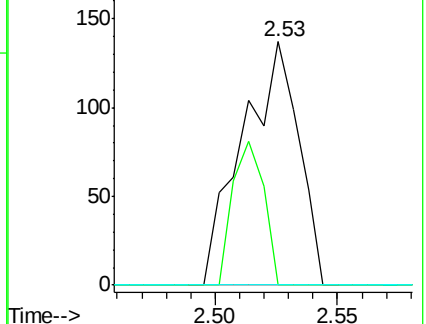
141 0.0 11.6 17.4#

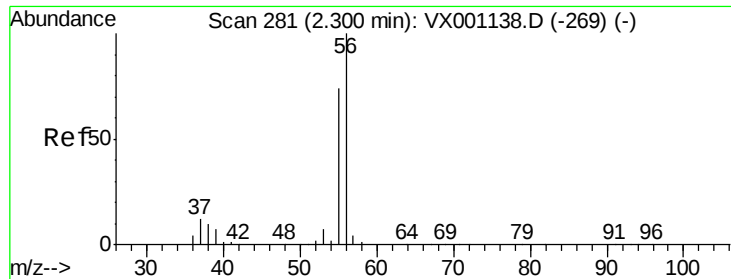


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 0.70 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

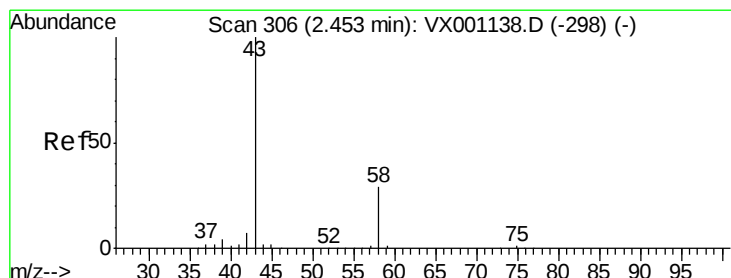
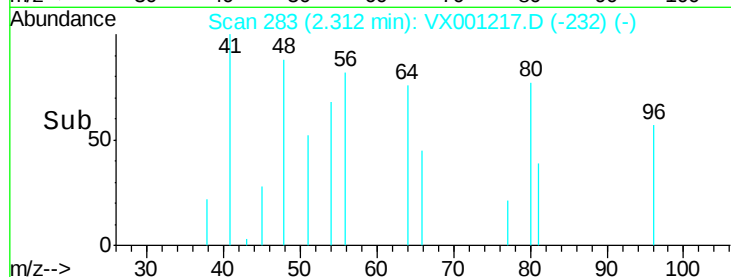
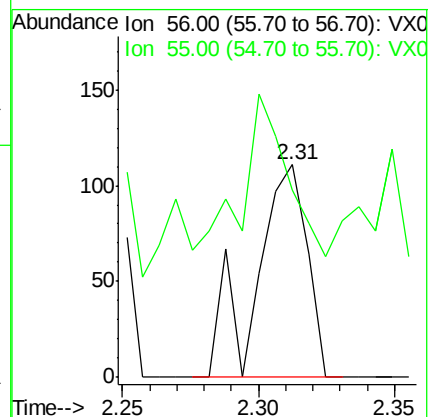
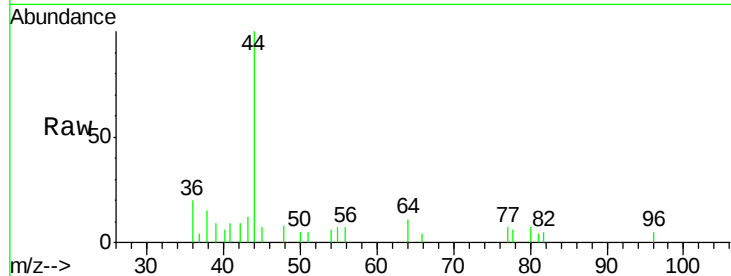
AOC50MW002-180417

Tgt Ion: 56 Resp: 144

Ion Ratio Lower Upper

56 100

55 72.2 57.2 85.8



#16

Acetone

Concen: 0.70 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001217.D

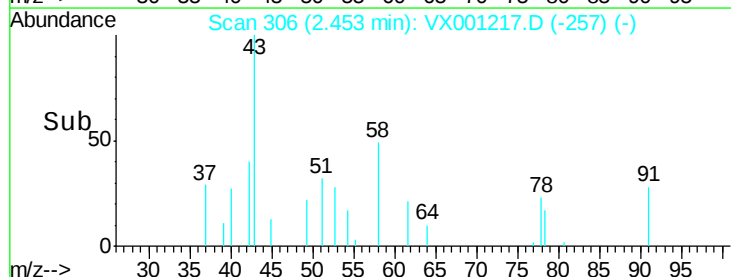
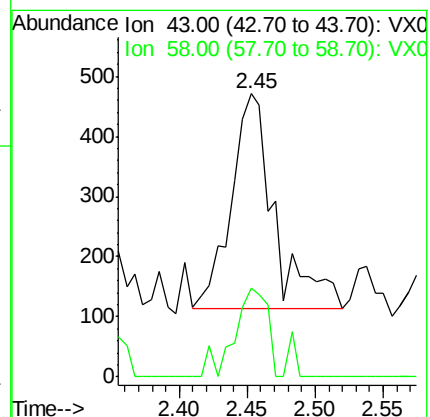
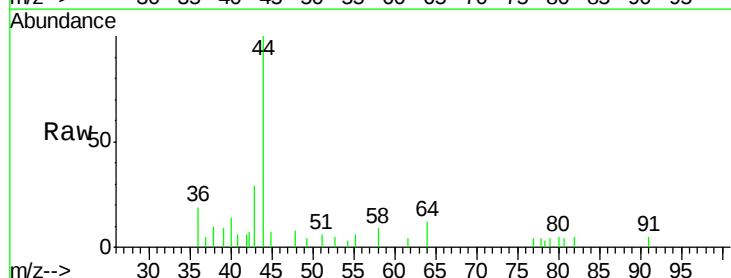
Acq: 28 Apr 2018 16:47

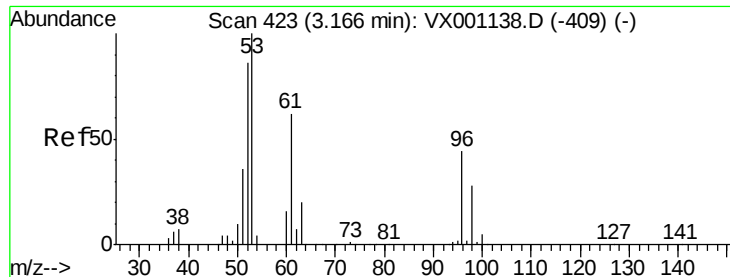
Tgt Ion: 43 Resp: 795

Ion Ratio Lower Upper

43 100

58 41.2 23.0 34.6#





#21

trans-1,2-Dichloroethene

Concen: 0.67 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

AOC50MW002-180417

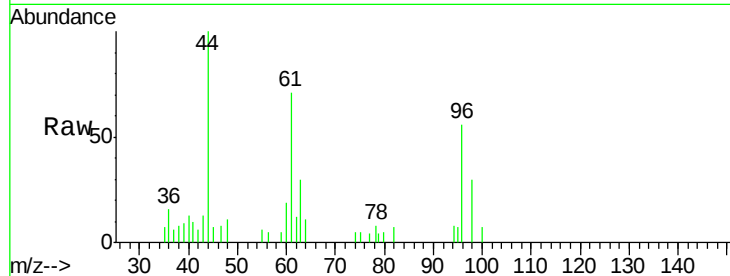
Tgt Ion: 96 Resp: 1323

Ion Ratio Lower Upper

96 100

61 125.0 111.9 167.9

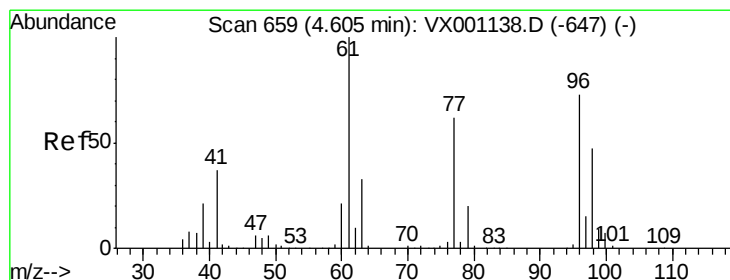
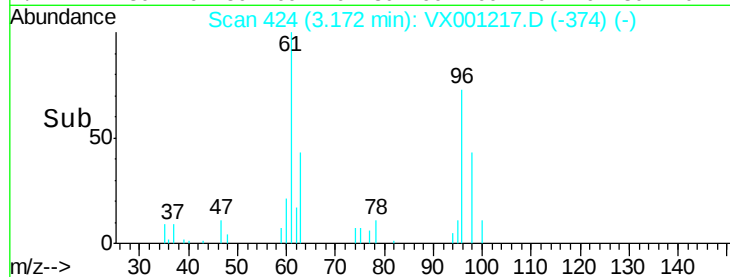
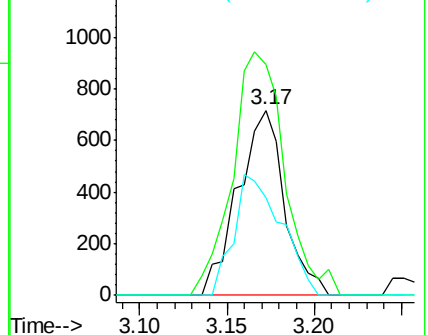
98 53.2 51.1 76.7



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



#27

cis-1,2-Dichloroethene

Concen: 19.93 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

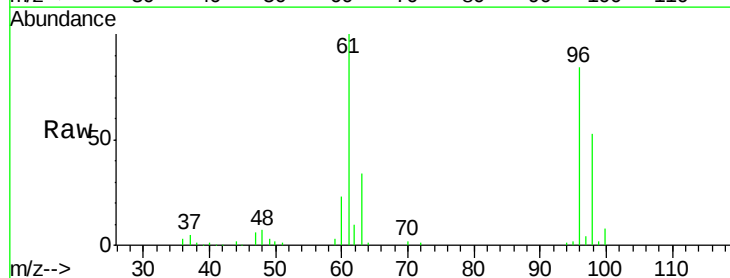
Tgt Ion: 96 Resp: 43259

Ion Ratio Lower Upper

96 100

61 123.6 0.0 289.0

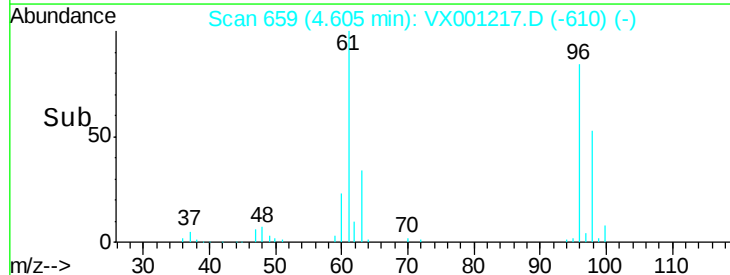
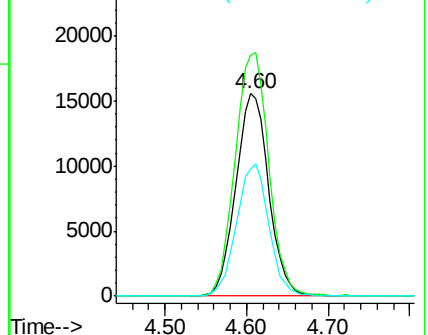
98 64.2 0.0 128.2

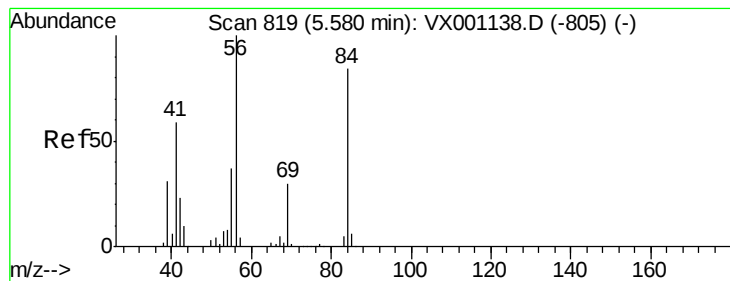


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#31

Cyclohexane

Concen: 1.08 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

AOC50MW002-180417

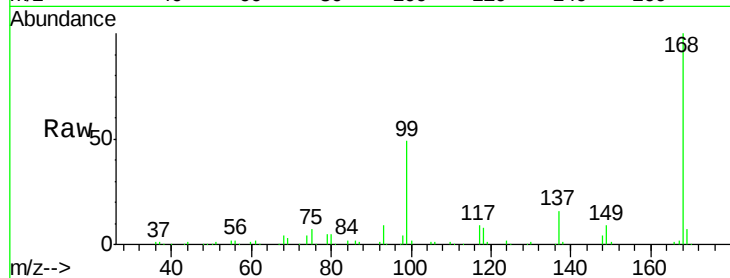
Tgt Ion: 56 Resp: 3152

Ion Ratio Lower Upper

56 100

69 152.2 24.2 36.2#

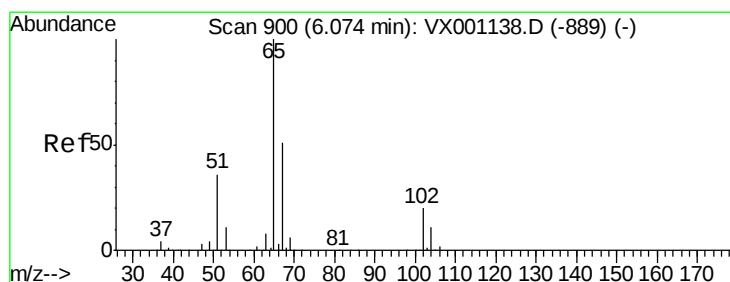
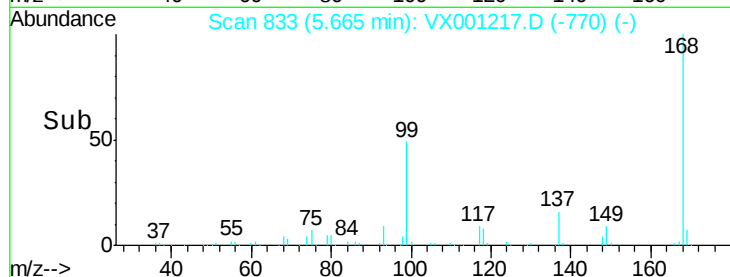
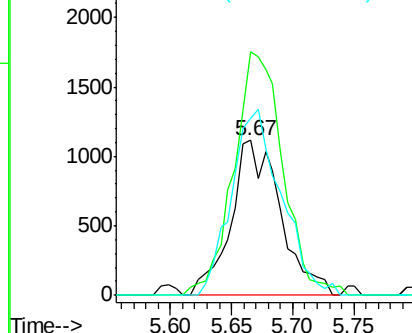
84 114.6 67.5 101.3#



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: 49.51 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001217.D

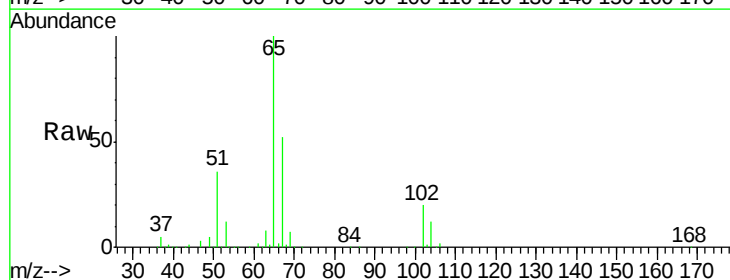
Acq: 28 Apr 2018 16:47

Tgt Ion: 65 Resp: 136116

Ion Ratio Lower Upper

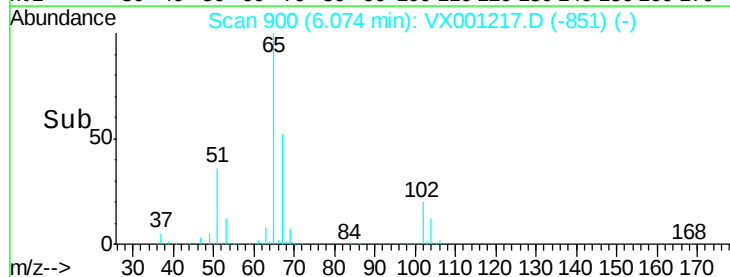
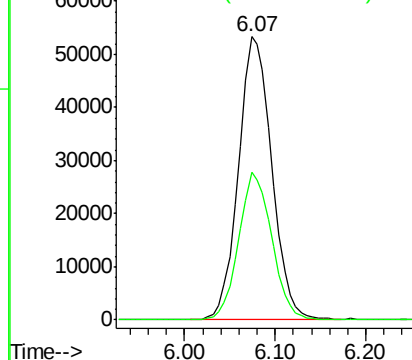
65 100

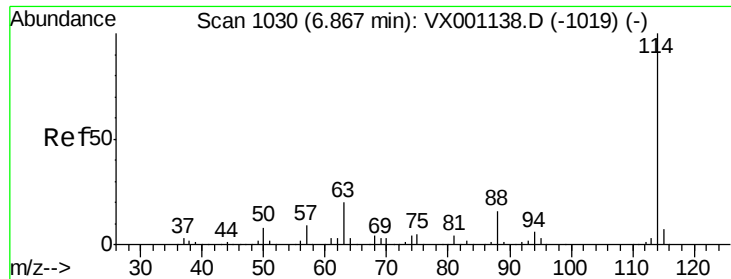
67 52.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

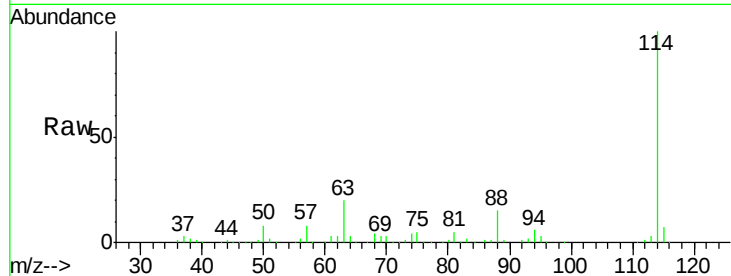




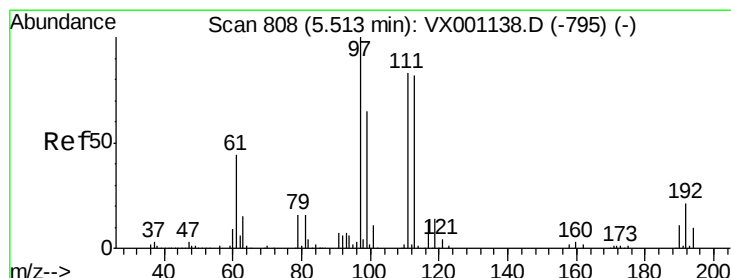
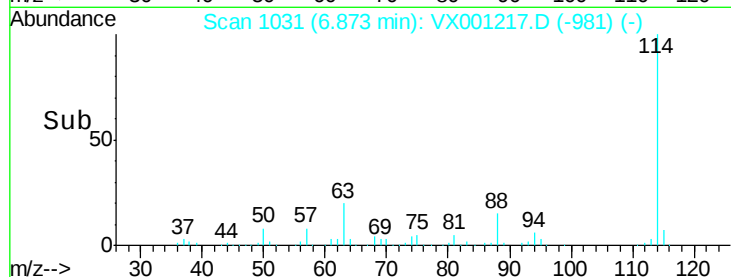
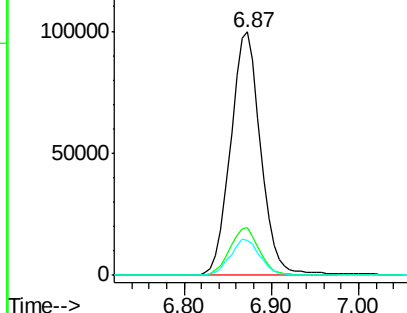
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001217.D
 Acq: 28 Apr 2018 16:47

Instrument :
 MSVOA_X
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 AOC50MW002-180417

Tgt Ion:114 Resp: 238827
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.4
 88 14.6 0.0 31.8

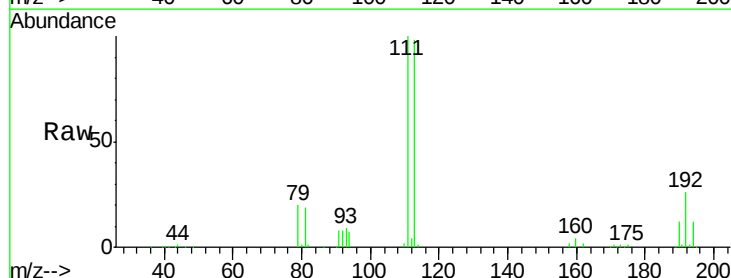


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

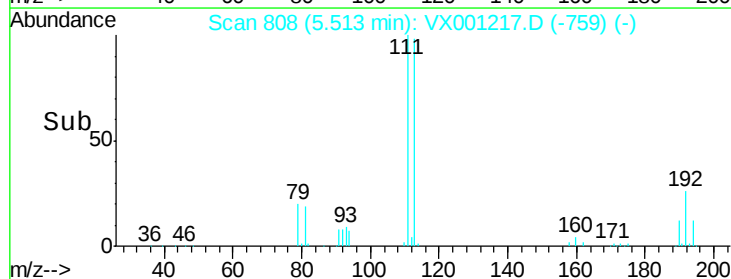
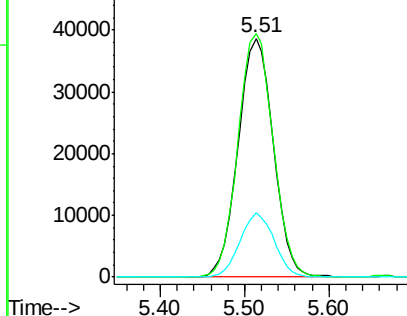


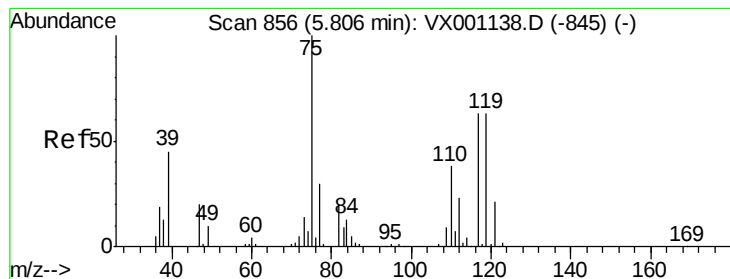
#35
 Dibromofluoromethane
 Concen: 55.35 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001217.D
 Acq: 28 Apr 2018 16:47

Tgt Ion:113 Resp: 109409
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 26.0 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: 4.23 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

AOC50MW002-180417

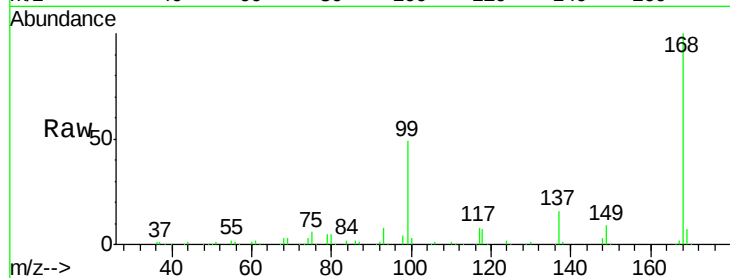
Tgt Ion: 75 Resp: 11132

Ion Ratio Lower Upper

75 100

110 10.0 19.0 57.0#

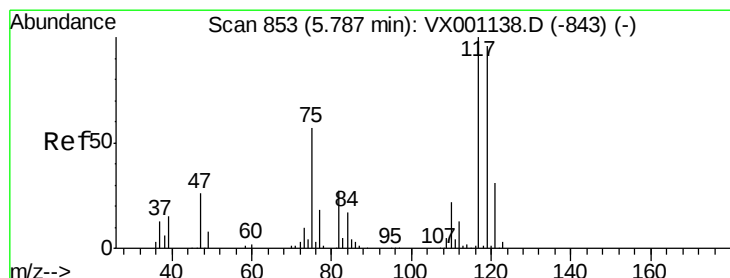
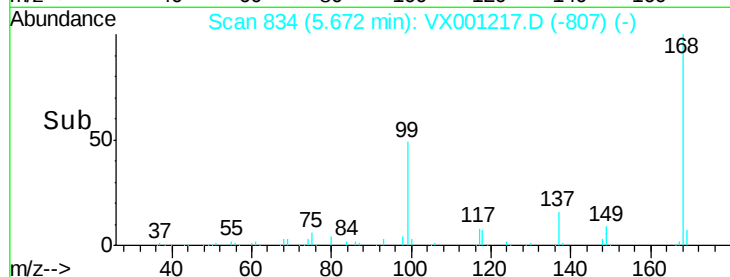
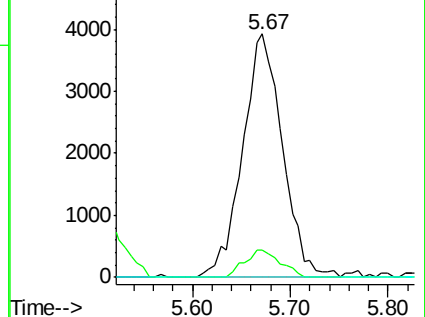
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX001138.D (-845) (-)

Ion 109.90 (109.60 to 110.60): VX001138.D (-845) (-)

Ion 76.90 (76.60 to 77.60): VX001138.D (-845) (-)



#38

Carbon Tetrachloride

Concen: 5.64 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

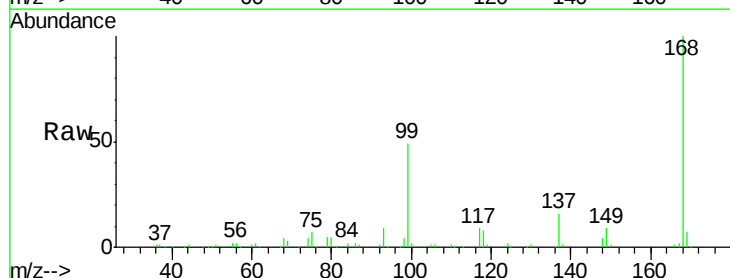
Tgt Ion: 117 Resp: 15212

Ion Ratio Lower Upper

117 100

119 6.1 76.5 114.7#

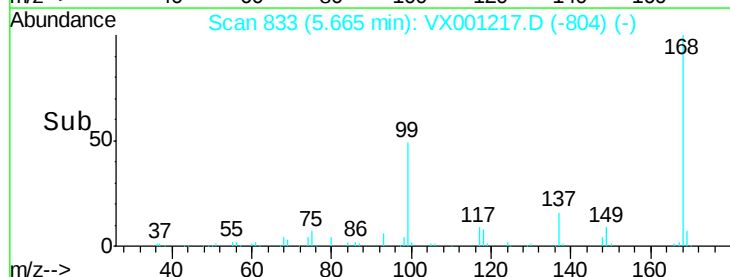
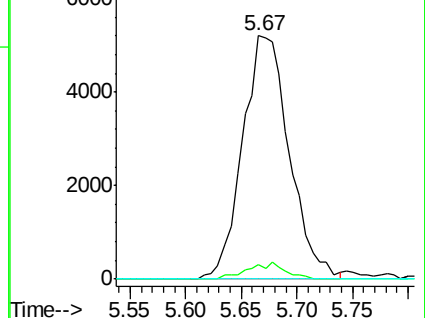
121 0.0 24.6 37.0#

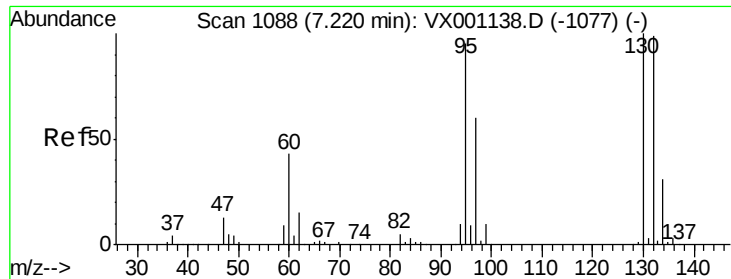


Abundance Ion 116.80 (116.50 to 117.50): VX001138.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX001138.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX001138.D (-843) (-)





#44

Trichloroethene

Concen: 0.22 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

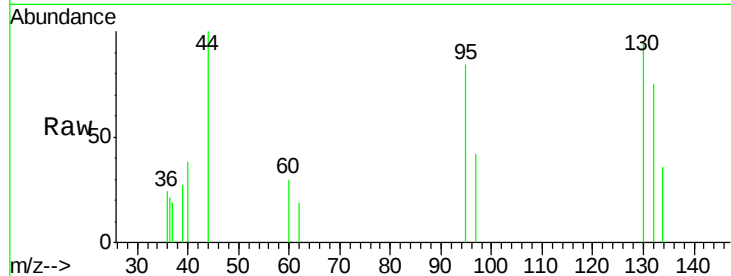
AOC50MW002-180417

Tgt Ion:130 Resp: 500

Ion Ratio Lower Upper

130 100

95 89.8 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

250

200

150

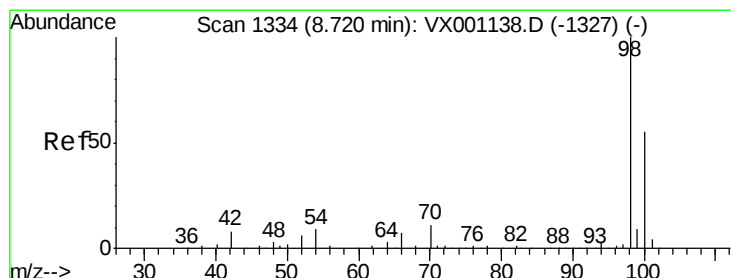
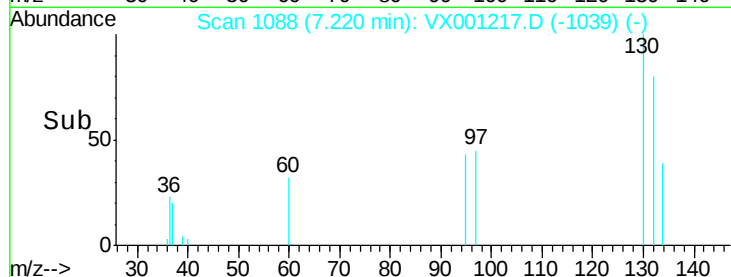
100

50

0

7.15 7.20 7.25

Time-->



#50

Toluene-d8

Concen: 55.64 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001217.D

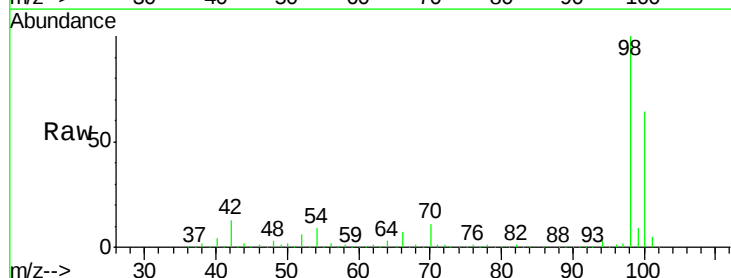
Acq: 28 Apr 2018 16:47

Tgt Ion: 98 Resp: 415108

Ion Ratio Lower Upper

98 100

100 63.3 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

300000

250000

200000

150000

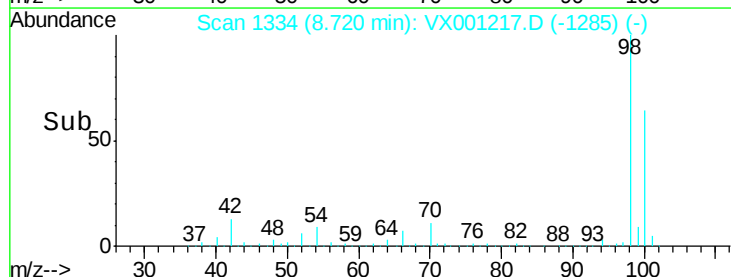
100000

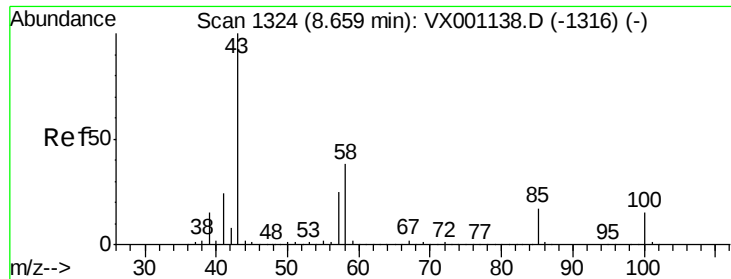
50000

0

8.60 8.70 8.80 8.90

Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.69 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.06 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

Instrument :

MSVOA_X

ClientSampleId :

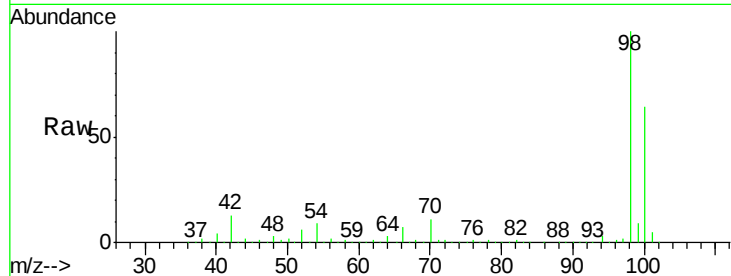
AOC50MW002-180417

Tgt Ion: 43 Resp: 2259

Ion Ratio Lower Upper

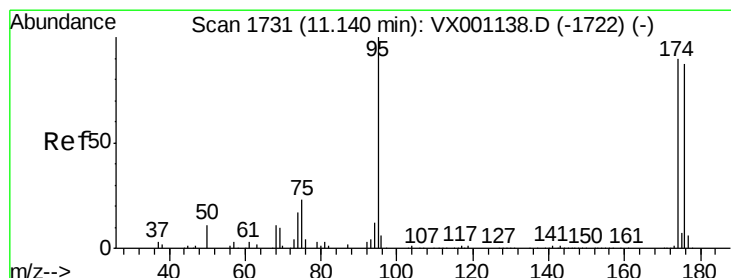
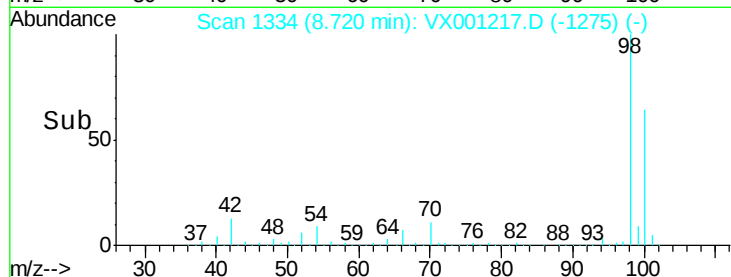
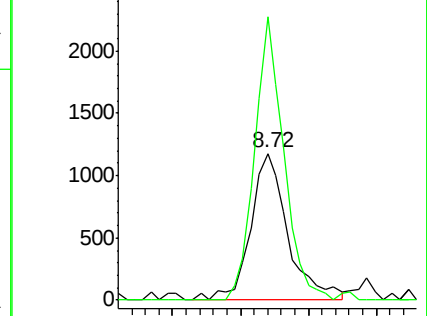
43 100

58 151.2 30.2 45.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001217.D

Acq: 28 Apr 2018 16:47

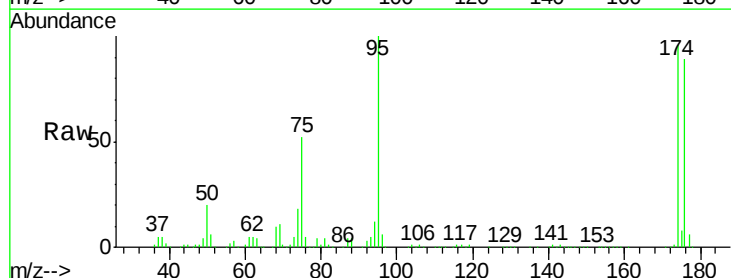
Tgt Ion: 95 Resp: 145420

Ion Ratio Lower Upper

95 100

174 101.5 0.0 194.4

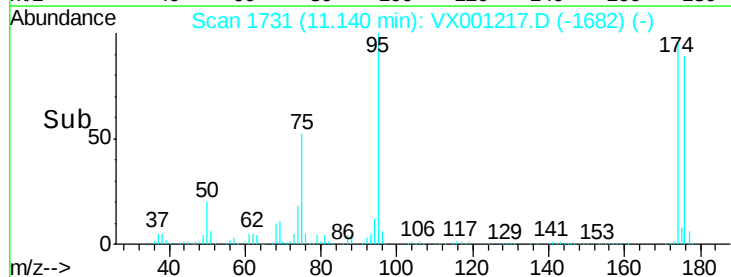
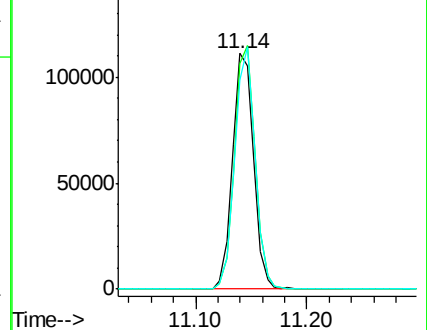
176 99.1 0.0 190.2

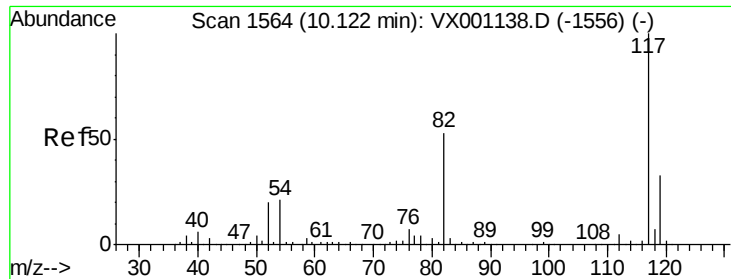


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

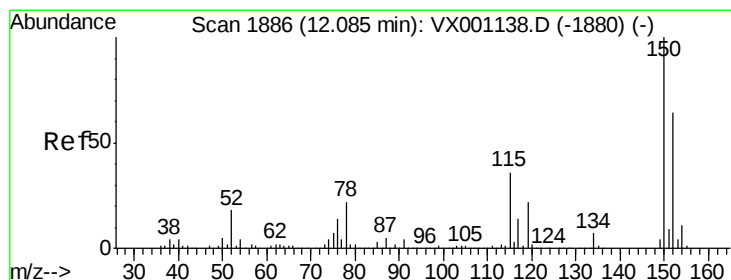
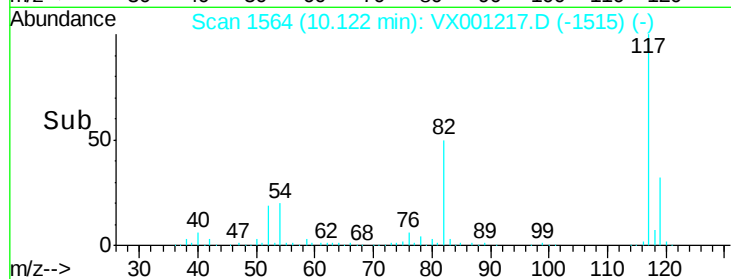
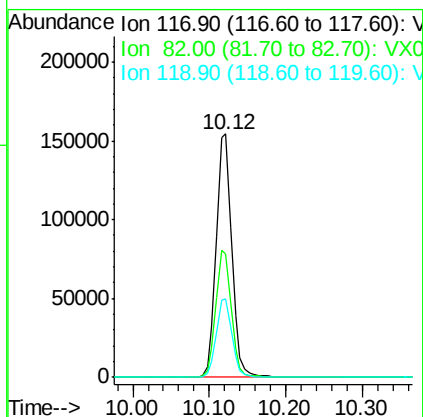
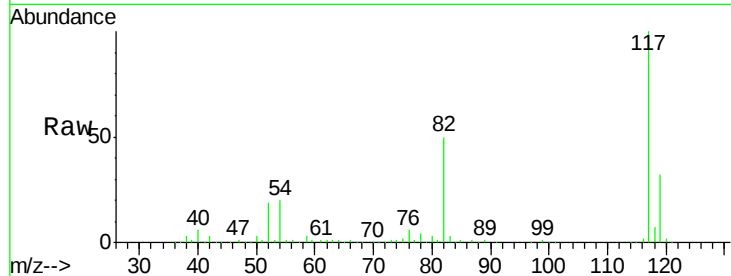




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001217.D
Acq: 28 Apr 2018 16:47

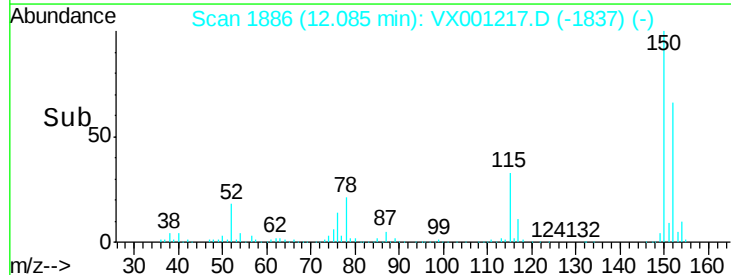
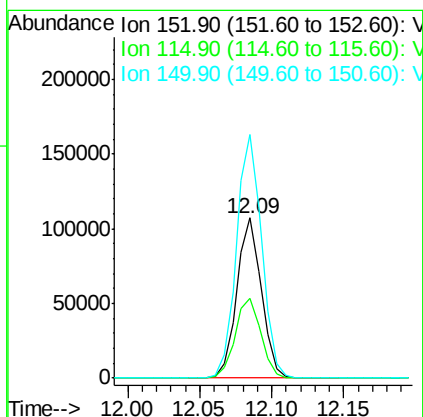
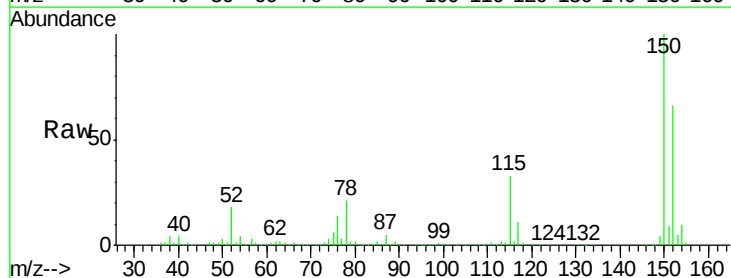
Instrument :
MSVOA_X
ClientSampleId :
AOC50MW002-180417

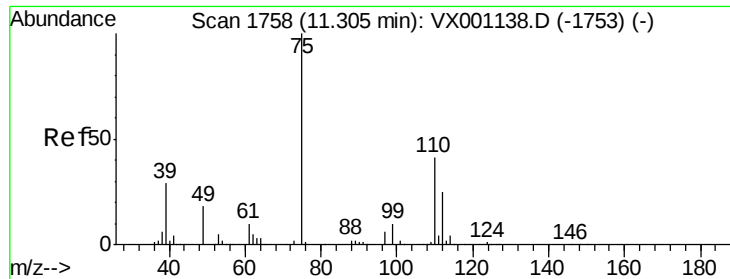
Tgt Ion:117 Resp: 218990
Ion Ratio Lower Upper
117 100
82 50.5 42.1 63.1
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001217.D
Acq: 28 Apr 2018 16:47

Tgt Ion:152 Resp: 127976
Ion Ratio Lower Upper
152 100
115 52.1 38.0 114.0
150 155.5 0.0 349.6

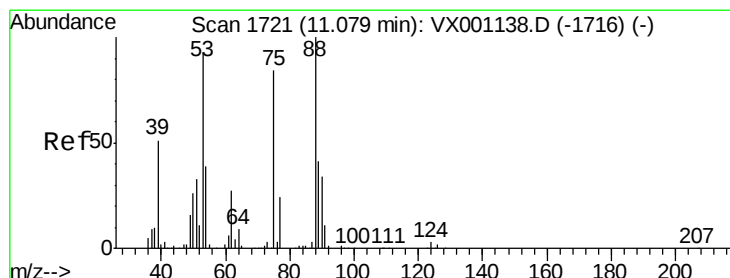
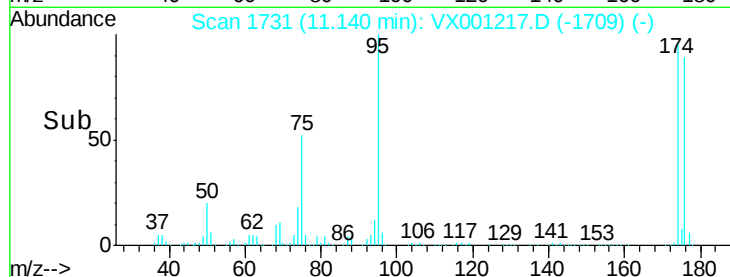
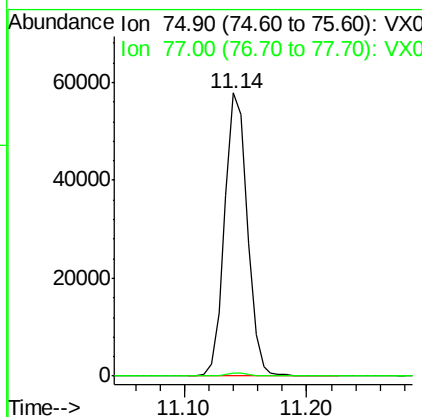
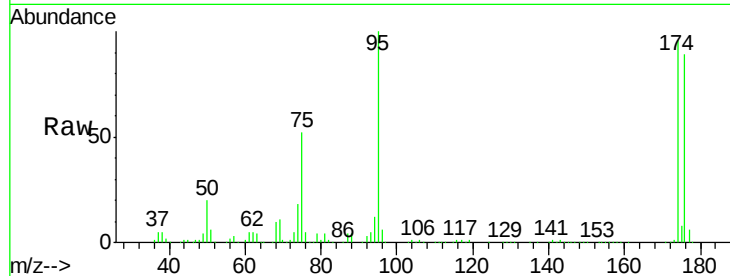




#76
 1,2,3-Trichloropropane
 Concen: 28.52 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001217.D
 Acq: 28 Apr 2018 16:47

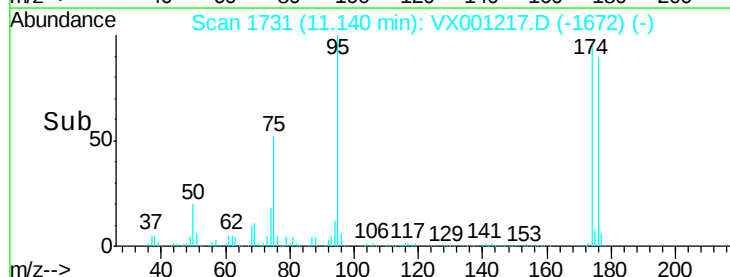
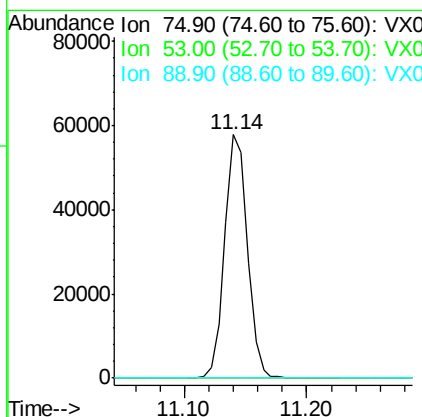
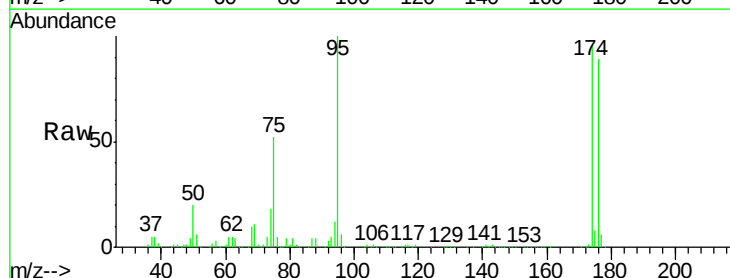
Instrument :
 MSVOA_X
 ClientSampleId :
 AOC50MW002-180417

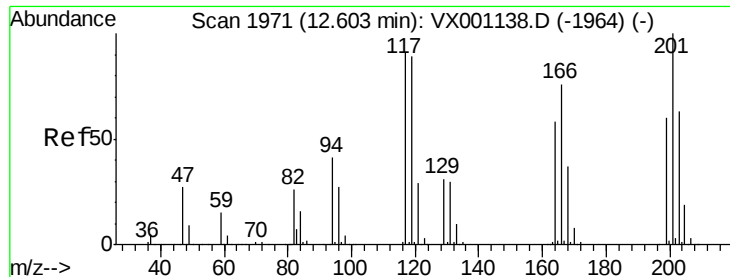
Tgt Ion: 75 Resp: 74322
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.48 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001217.D
 Acq: 28 Apr 2018 16:47

Tgt Ion: 75 Resp: 74322
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#

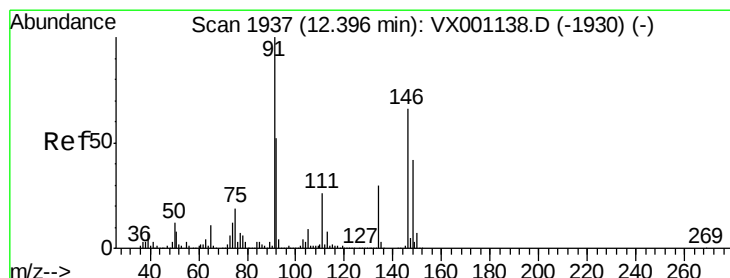
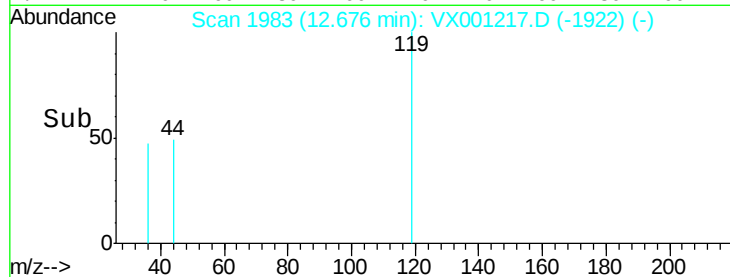
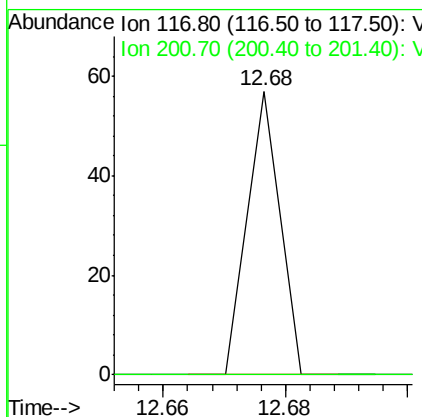
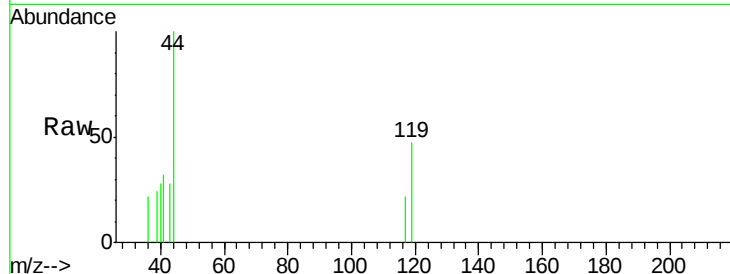




#90
 Hexachloroethane
 Concen: 3.39 ug/l
 RT: 12.68 min Scan# 1983
 Delta R.T. 0.07 min
 Lab File: VX001217.D
 Acq: 28 Apr 2018 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC50MW002-180417

Tgt Ion:117 Resp: 21
 Ion Ratio Lower Upper
 117 100
 201 0.0 51.8 155.4#



#91
 1,2-Dichlorobenzene
 Concen: 1.27 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001217.D
 Acq: 28 Apr 2018 16:47

Tgt Ion:146 Resp: 5700
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.3
 148 71.9 32.2 96.6

