

Data File : VX001240.D
Acq On : 29 Apr 2018 03:28
Operator : JC/MD
Sample : J2600-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424

Quant Time: Apr 30 01:43:29 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	185359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	125122	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137847	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.51	113	110121	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	8.72	98	415340	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.14	95	136798	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	

Target Compounds			Qvalue			
5) Bromomethane	1.67	94	259	Below Cal	#	71
10) Methyl Iodide	2.52	142	151	7.30	ug/l #	88
13) Acrolein	2.29	56	112	0.52	ug/l #	42
16) Acetone	2.46	43	2215	1.87	ug/l #	86
31) Cyclohexane	5.67	56	3515	1.15	ug/l #	21
36) 1,1-Dichloropropene	5.67	75	11506	4.10	ug/l #	50
38) Carbon Tetrachloride	5.67	117	15712	5.46	ug/l #	16
44) Trichloroethene	7.23	130	515	0.21	ug/l	80
60) Dibromochloromethane	9.34	129	573	3.55	ug/l #	11
64) Tetrachloroethene	9.34	164	661	0.28	ug/l #	85
76) 1,2,3-Trichloropropane	11.14	75	70555	27.69	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	70555	84.12	ug/l #	6

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

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BP-HN-MW24S-20180424

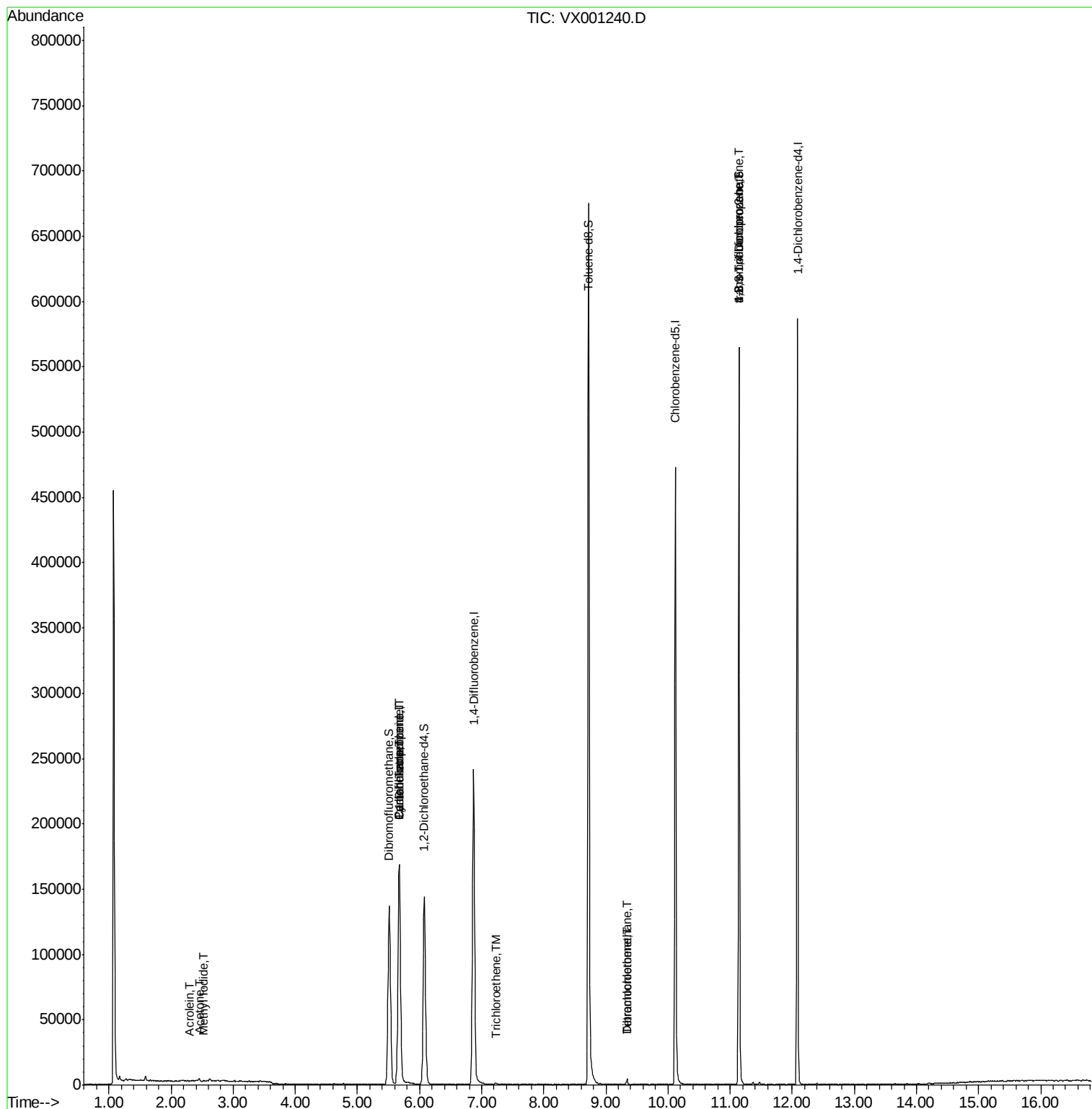
Quant Time: Apr 30 01:43:29 2018

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

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

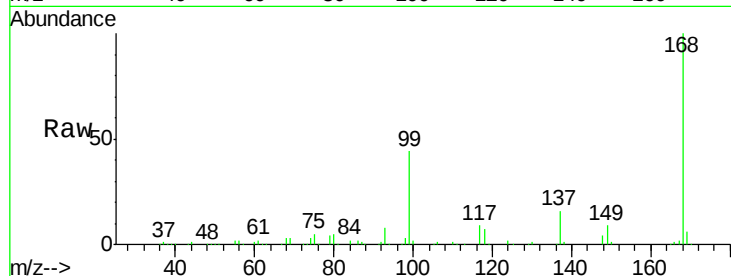
BP-HN-MW24S-20180424

Tgt Ion:168 Resp: 185359

Ion Ratio Lower Upper

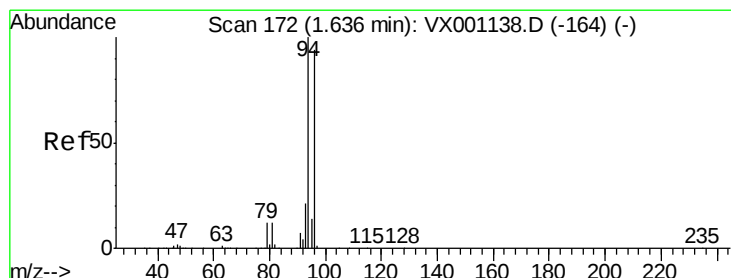
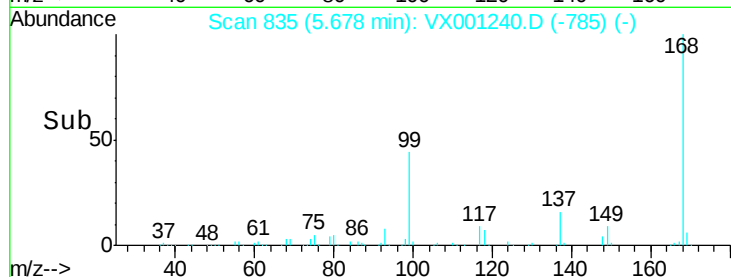
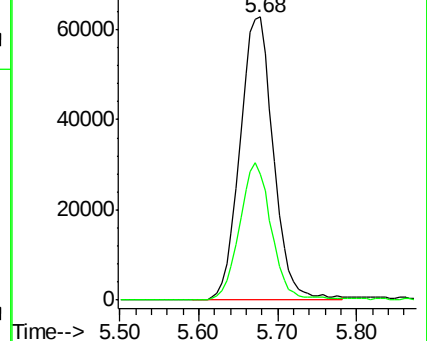
168 100

99 44.3 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: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX001240.D

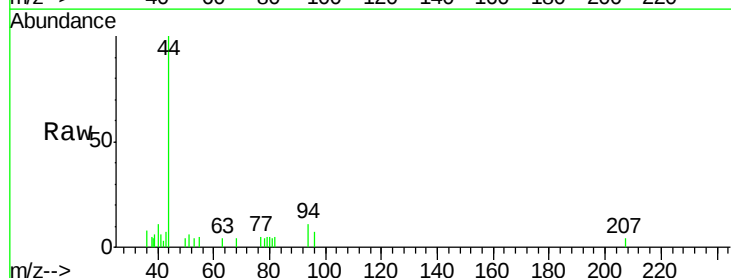
Acq: 29 Apr 2018 03:28

Tgt Ion: 94 Resp: 259

Ion Ratio Lower Upper

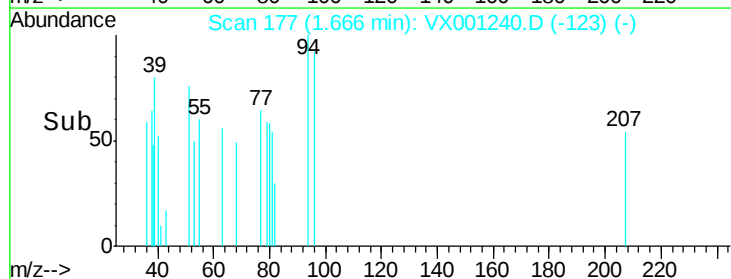
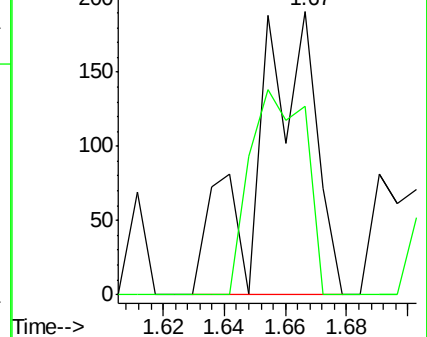
94 100

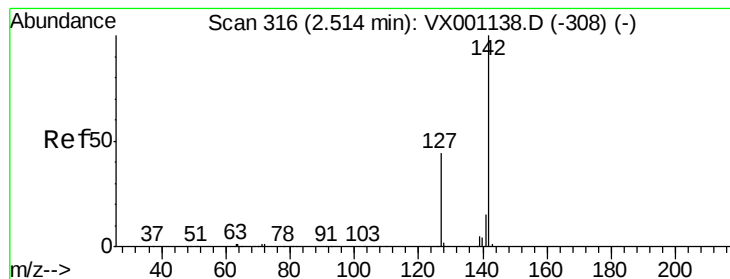
96 66.5 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 7.30 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001240.D

Acq: 29 Apr 2018 03:28

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424

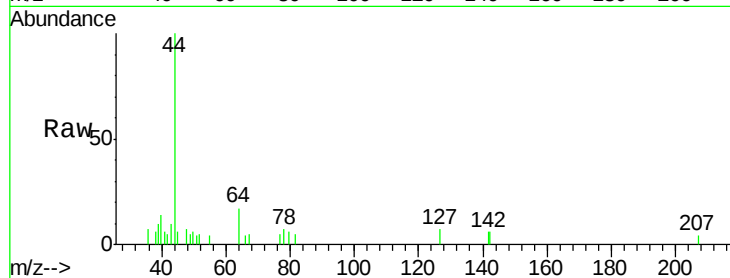
Tgt Ion: 142 Resp: 151

Ion Ratio Lower Upper

142 100

127 40.4 34.7 52.1

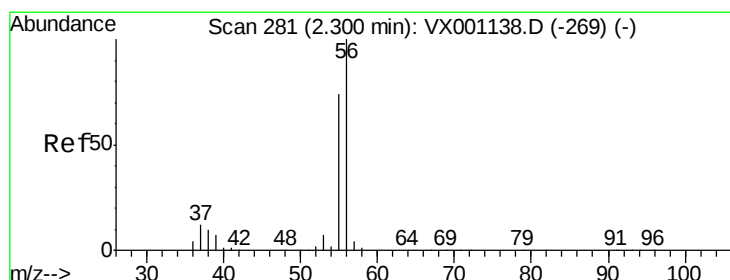
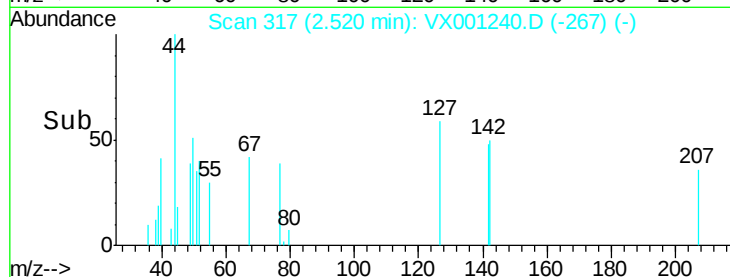
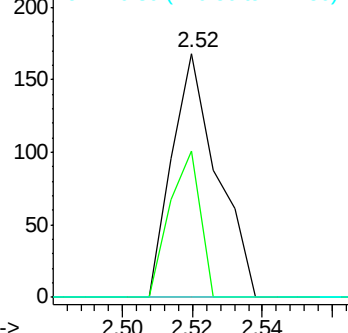
141 0.0 11.6 17.4#



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: 0.52 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001240.D

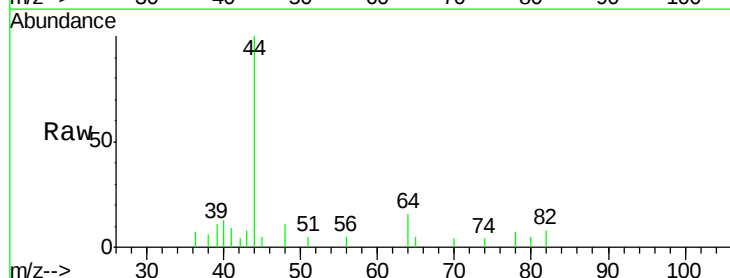
Acq: 29 Apr 2018 03:28

Tgt Ion: 56 Resp: 112

Ion Ratio Lower Upper

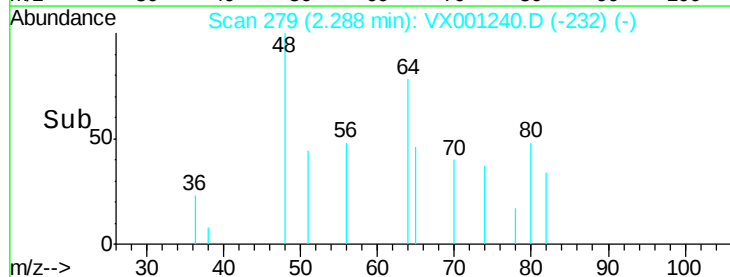
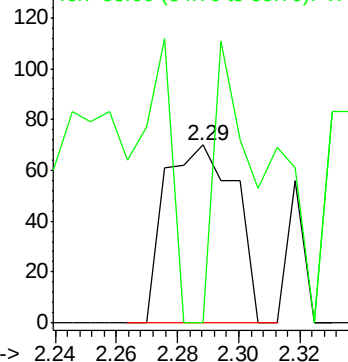
56 100

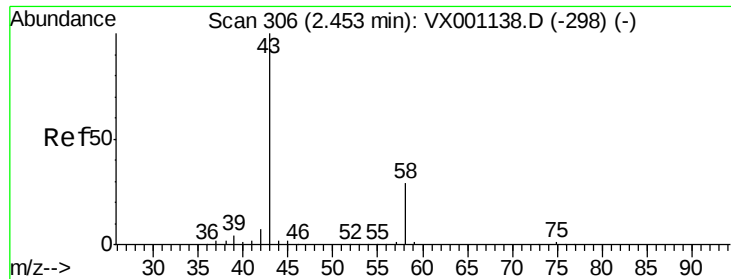
55 119.6 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 1.87 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001240.D

Acq: 29 Apr 2018 03:28

Instrument :

MSVOA_X

ClientSampleId :

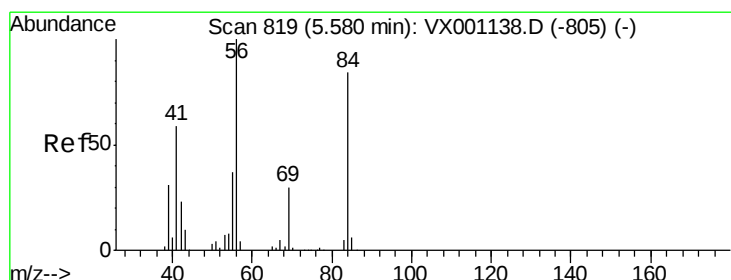
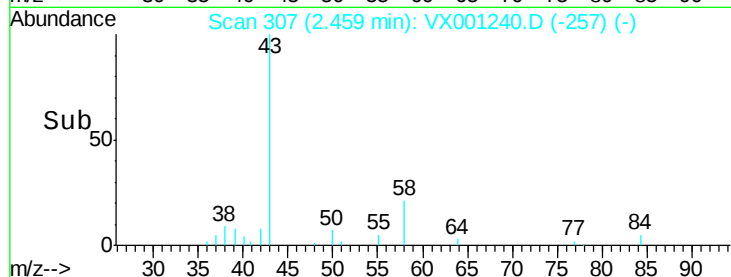
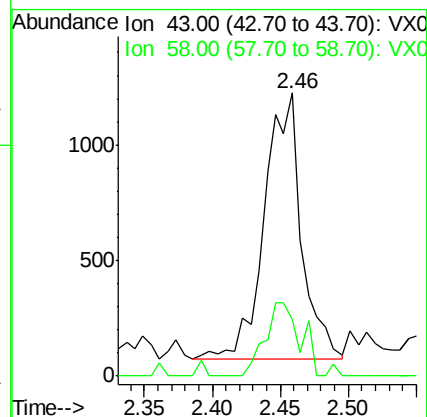
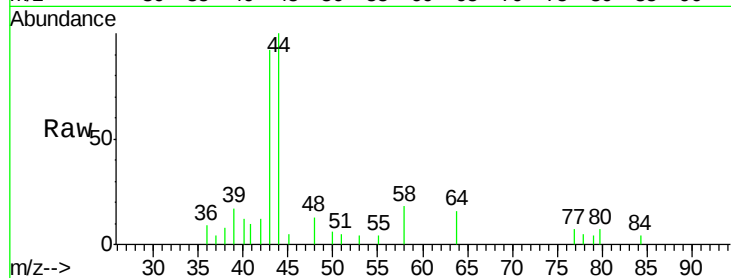
BP-HN-MW24S-20180424

Tgt Ion: 43 Resp: 2215

Ion Ratio Lower Upper

43 100

58 21.1 23.0 34.6#



#31

Cyclohexane

Concen: 1.15 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001240.D

Acq: 29 Apr 2018 03:28

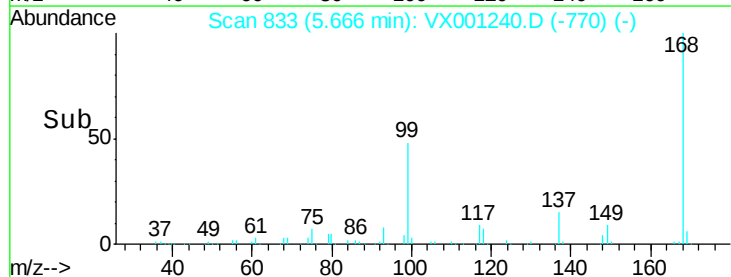
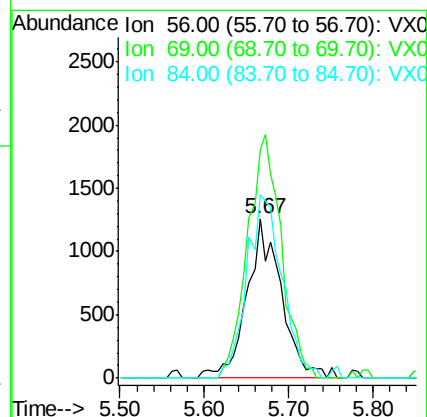
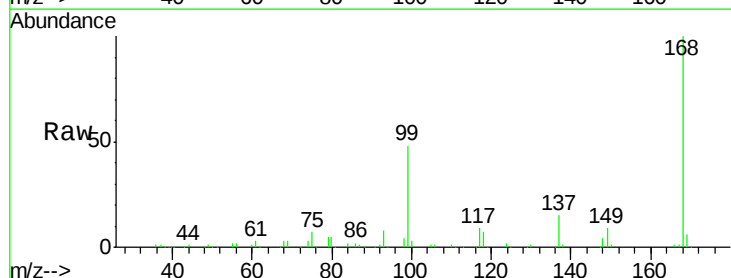
Tgt Ion: 56 Resp: 3515

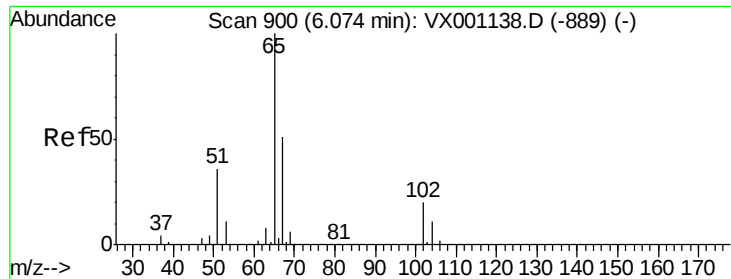
Ion Ratio Lower Upper

56 100

69 143.1 24.2 36.2#

84 114.6 67.5 101.3#





#33

1,2-Dichloroethane-d4

Concen: 47.98 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001240.D

Acq: 29 Apr 2018 03:28

Instrument :

MSVOA_X

ClientSampleId :

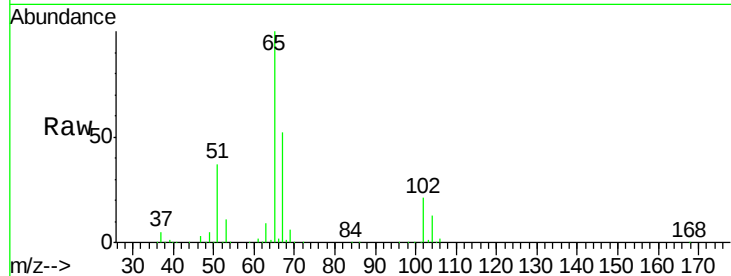
BP-HN-MW24S-20180424

Tgt Ion: 65 Resp: 137847

Ion Ratio Lower Upper

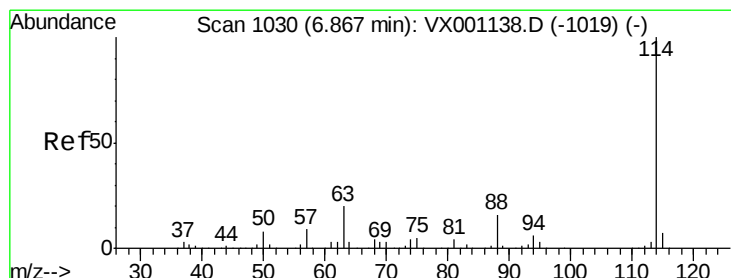
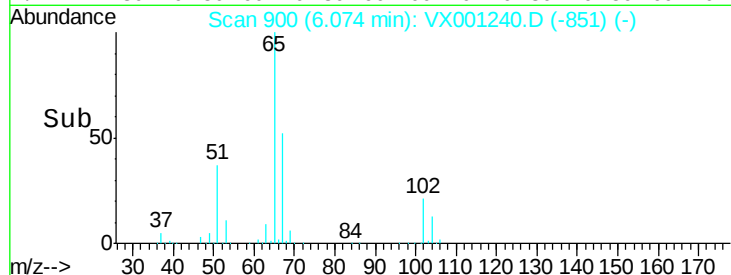
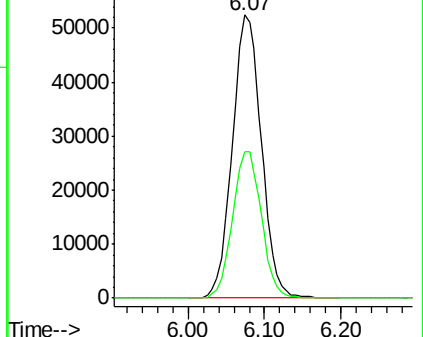
65 100

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# 1030

Delta R.T. 0.00 min

Lab File: VX001240.D

Acq: 29 Apr 2018 03:28

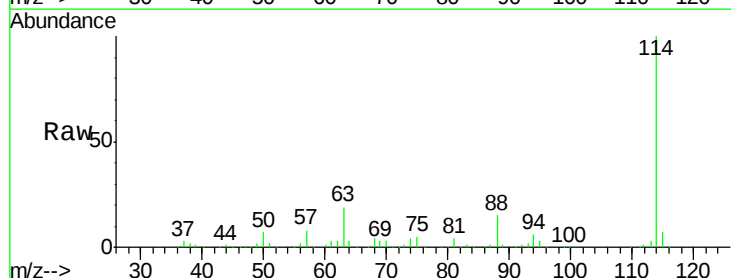
Tgt Ion: 114 Resp: 254486

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.4

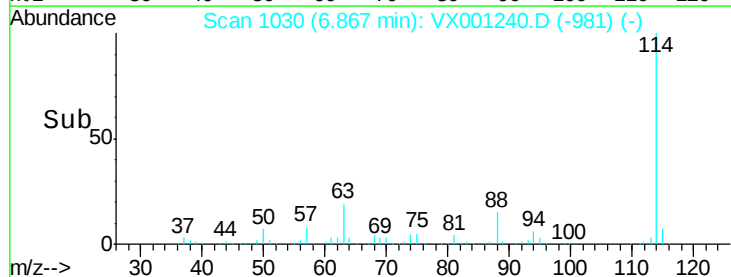
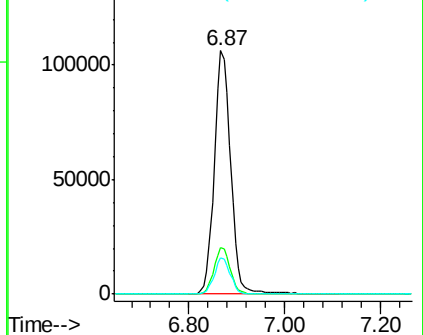
88 14.7 0.0 31.8

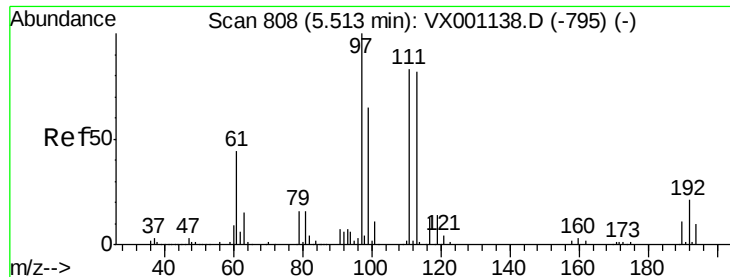


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.28 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001240.D

Acq: 29 Apr 2018 03:28

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424

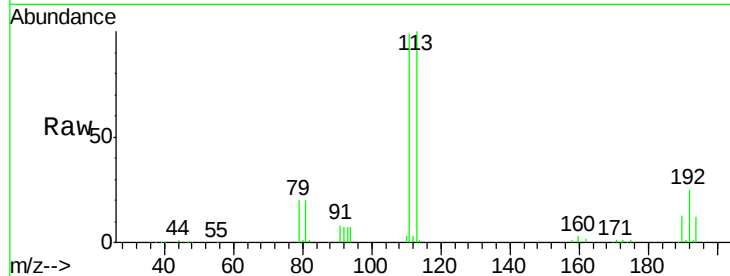
Tgt Ion:113 Resp: 110121

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

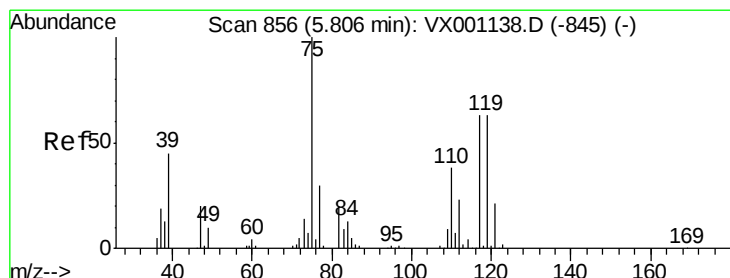
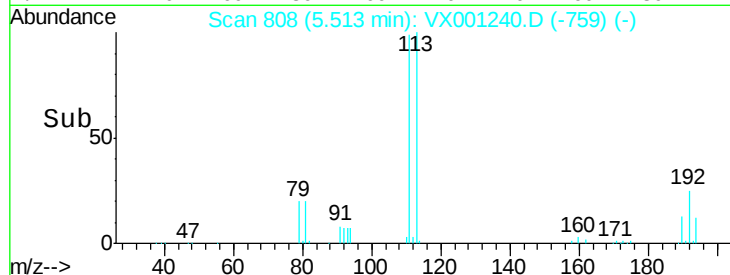
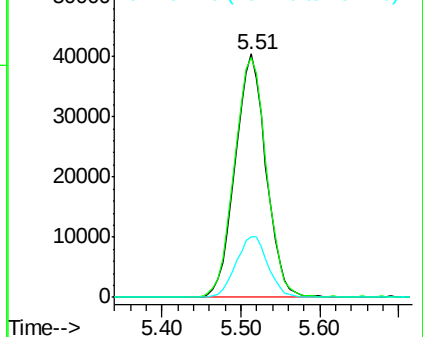
192 25.8 20.6 30.8



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: 4.10 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001240.D

Acq: 29 Apr 2018 03:28

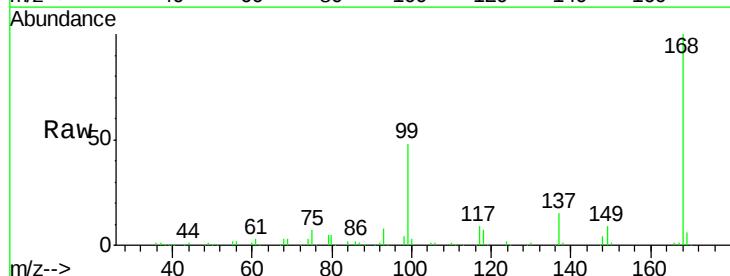
Tgt Ion: 75 Resp: 11506

Ion Ratio Lower Upper

75 100

110 10.8 19.0 57.0#

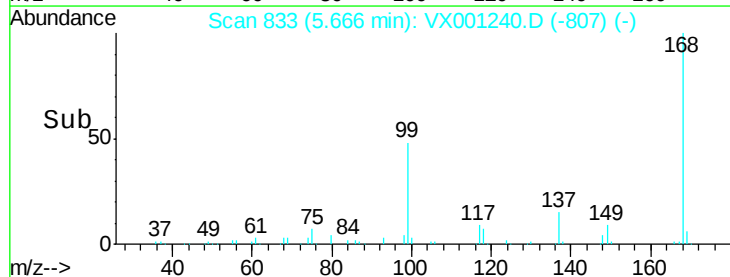
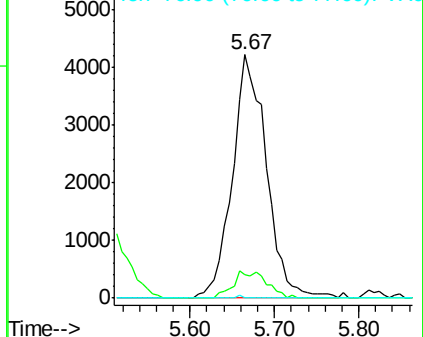
77 0.2 24.8 37.2#

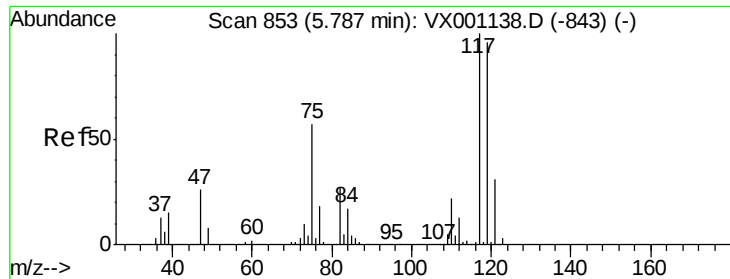


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

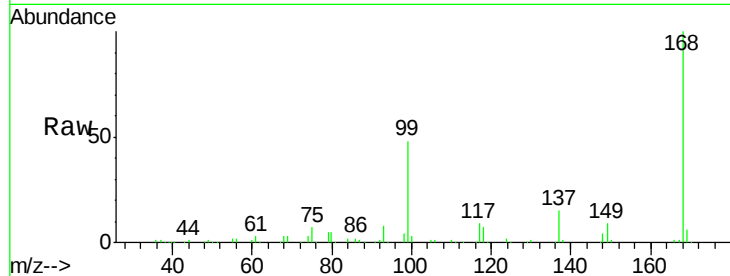




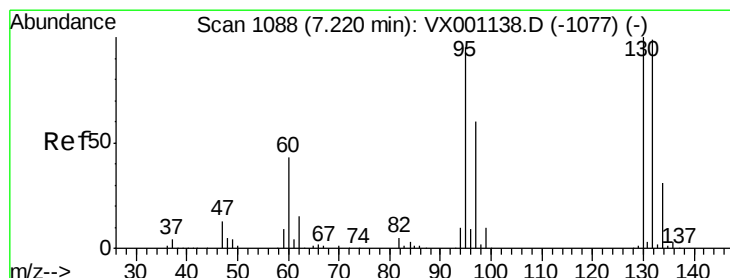
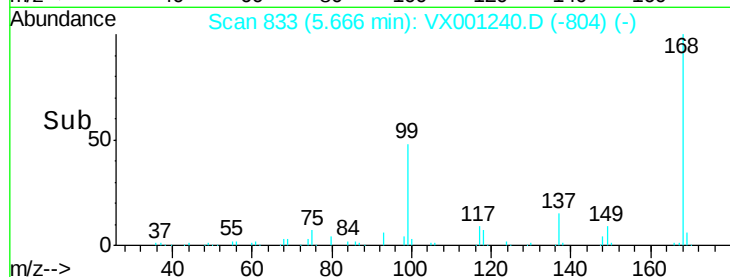
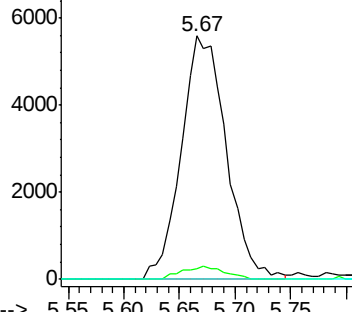
#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX001240.D
Acq: 29 Apr 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424

Tgt Ion:117 Resp: 15712
Ion Ratio Lower Upper
117 100
119 4.6 76.5 114.7#
121 0.0 24.6 37.0#

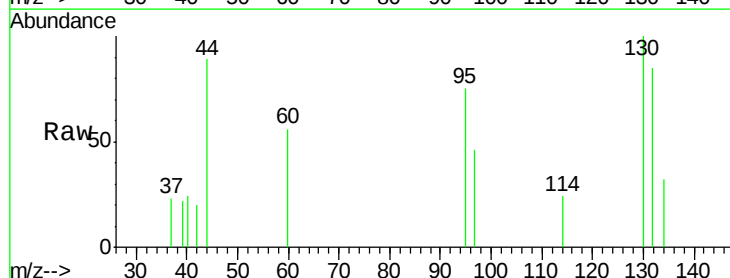


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

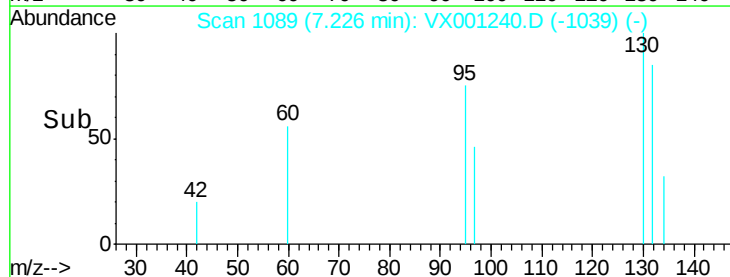
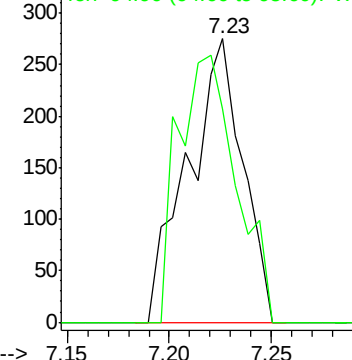


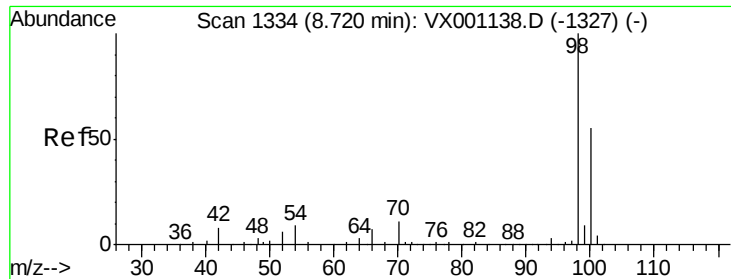
#44
Trichloroethene
Concen: 0.21 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX001240.D
Acq: 29 Apr 2018 03:28

Tgt Ion:130 Resp: 515
Ion Ratio Lower Upper
130 100
95 75.3 0.0 189.6



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





#50

Toluene-d8

Concen: 52.25 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001240.D

Acq: 29 Apr 2018 03:28

Instrument :

MSVOA_X

ClientSampleId :

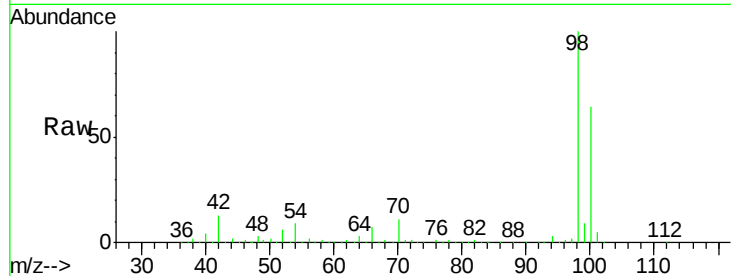
BP-HN-MW24S-20180424

Tgt Ion: 98 Resp: 415340

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX001138.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX001138.D (-1327) (-)

8.72

250000

200000

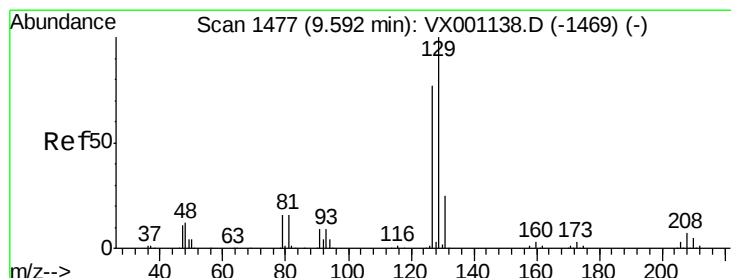
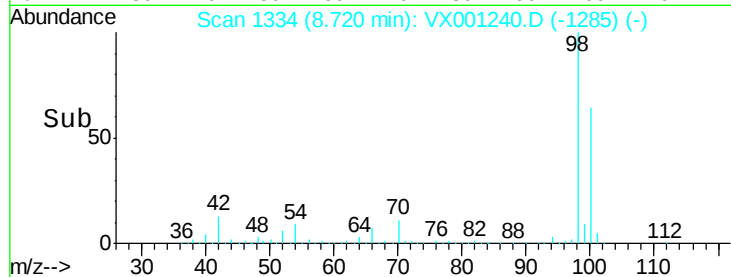
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 3.55 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001240.D

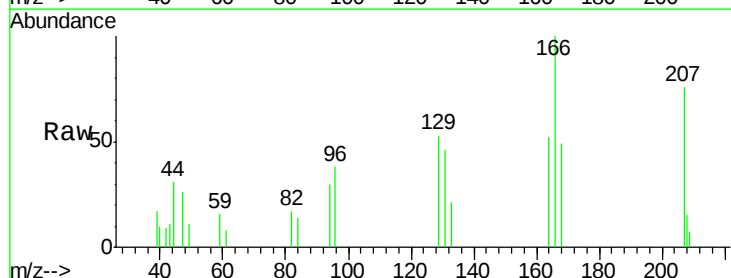
Acq: 29 Apr 2018 03:28

Tgt Ion: 129 Resp: 573

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): VX001138.D (-1469) (-)

Ion 126.80 (126.50 to 127.50): VX001138.D (-1469) (-)

9.34

400

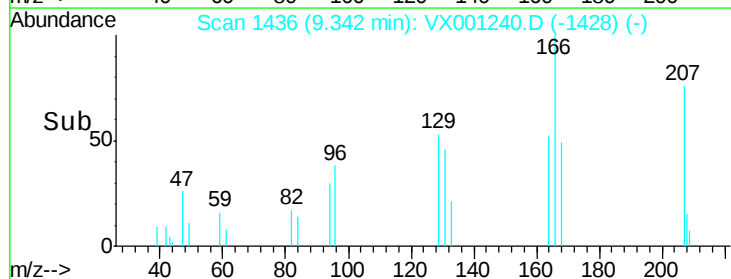
300

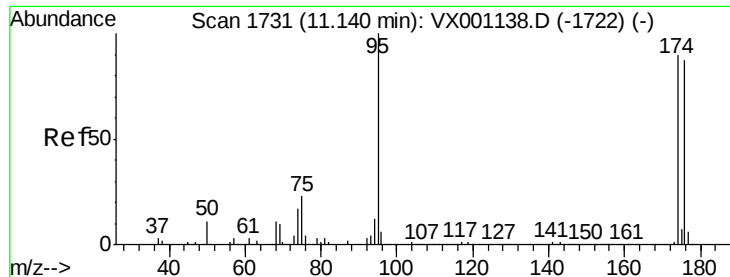
200

100

0

Time-->

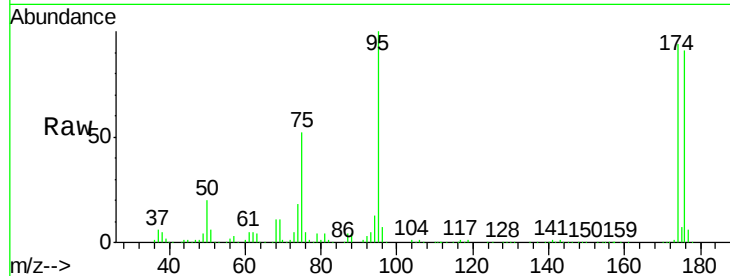




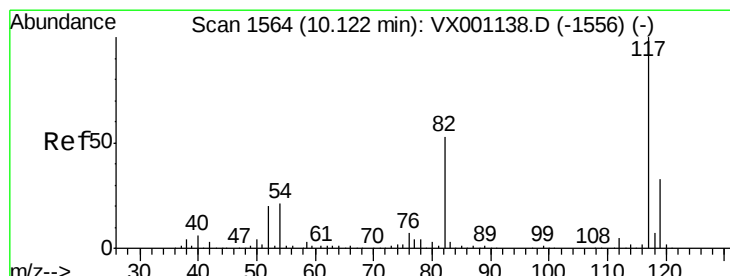
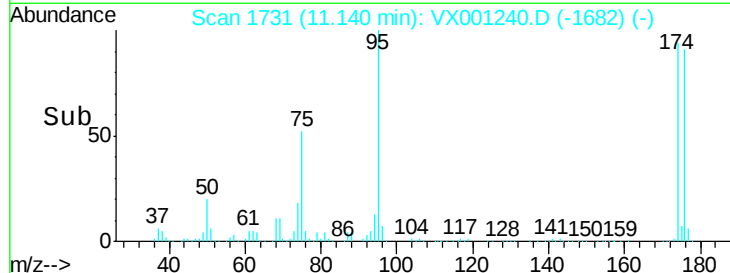
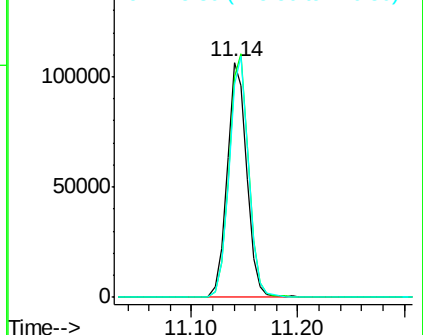
#62
4-Bromofluorobenzene
Concen: 44.05 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001240.D
Acq: 29 Apr 2018 03:28

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW24S-20180424

Tgt Ion: 95 Resp: 136798
Ion Ratio Lower Upper
95 100
174 103.8 0.0 194.4
176 101.8 0.0 190.2

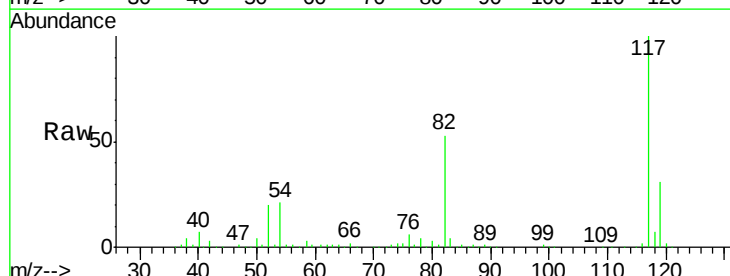


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

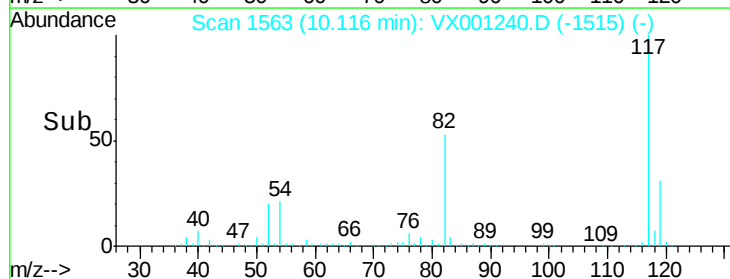
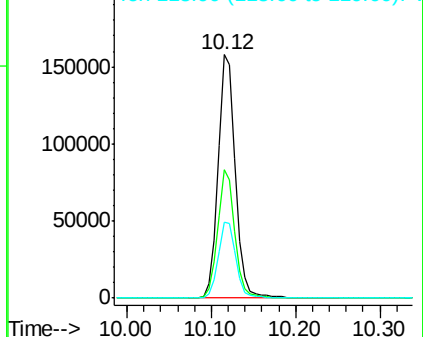


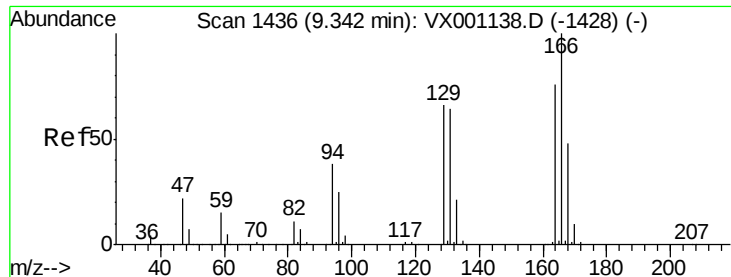
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001240.D
Acq: 29 Apr 2018 03:28

Tgt Ion: 117 Resp: 225149
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 31.3 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





#64

Tetrachloroethene

Concen: 0.28 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX001240.D

Acq: 29 Apr 2018 03:28

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW24S-20180424

Tgt Ion:164 Resp: 661

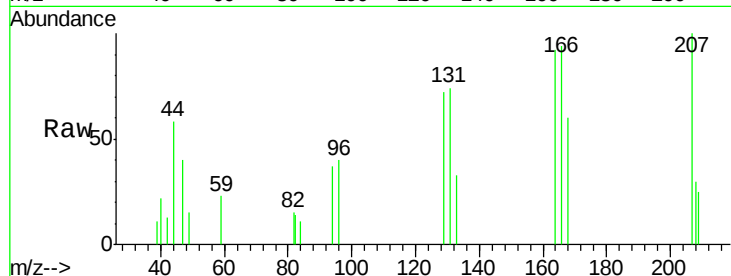
Ion Ratio Lower Upper

164 100

166 101.5 105.0 157.6#

129 78.6 69.4 104.2

131 79.9 67.3 100.9

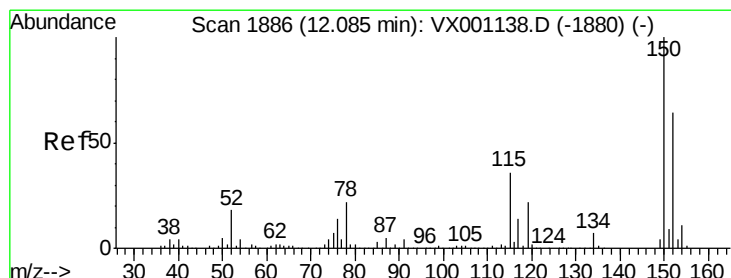
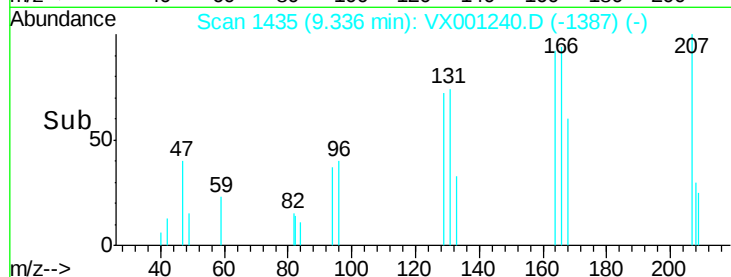
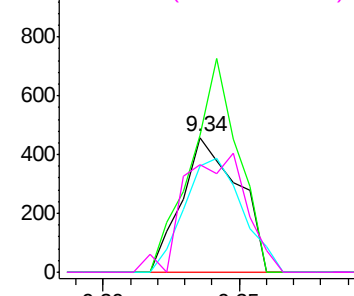


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX001240.D

Acq: 29 Apr 2018 03:28

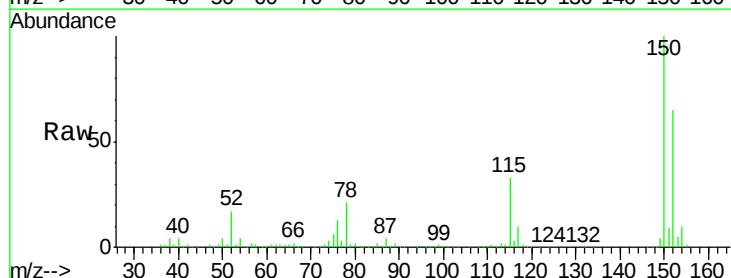
Tgt Ion:152 Resp: 125122

Ion Ratio Lower Upper

152 100

115 52.2 38.0 114.0

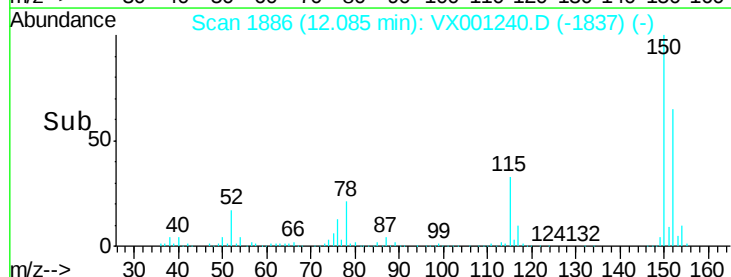
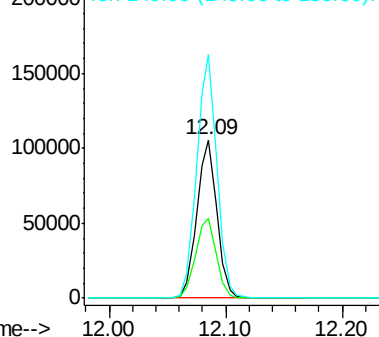
150 155.1 0.0 349.6

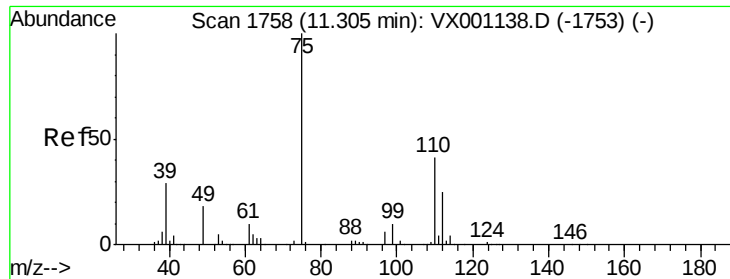


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

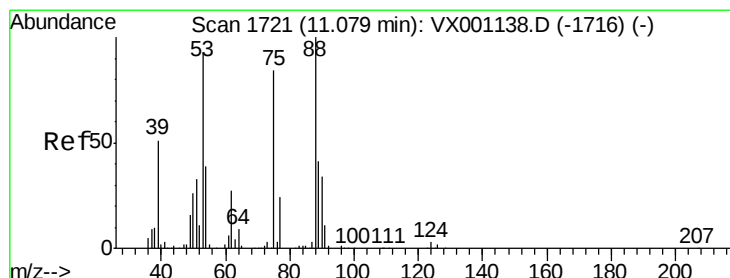
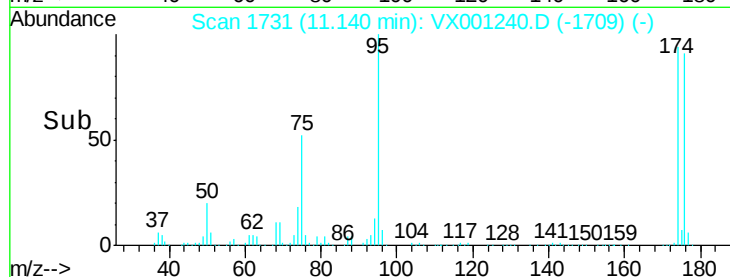
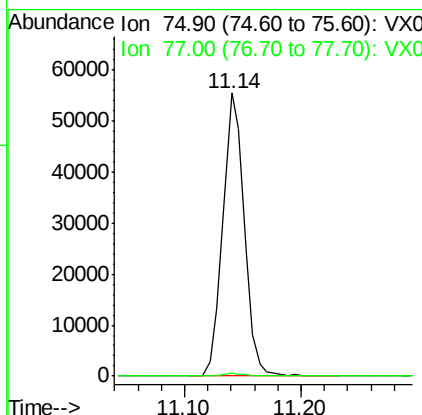
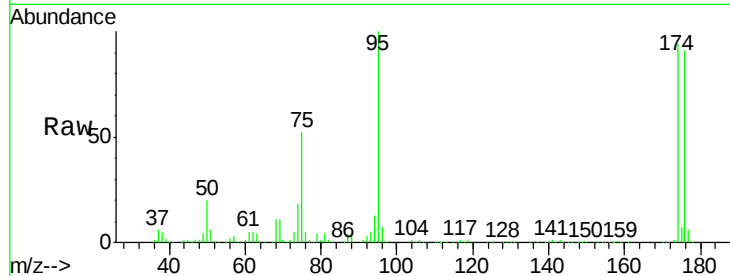




#76
 1,2,3-Trichloropropane
 Concen: 27.69 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001240.D
 Acq: 29 Apr 2018 03:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW24S-20180424

Tgt Ion: 75 Resp: 70555
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.12 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001240.D
 Acq: 29 Apr 2018 03:28

Tgt Ion: 75 Resp: 70555
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.9 131.9#
 89 0.0 37.7 56.5#

