

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006492.D
 Acq On : 13 Dec 2018 13:57
 Operator : JC/MD
 Sample : J6358-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW271-20181210

Quant Time: Dec 14 00:15:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

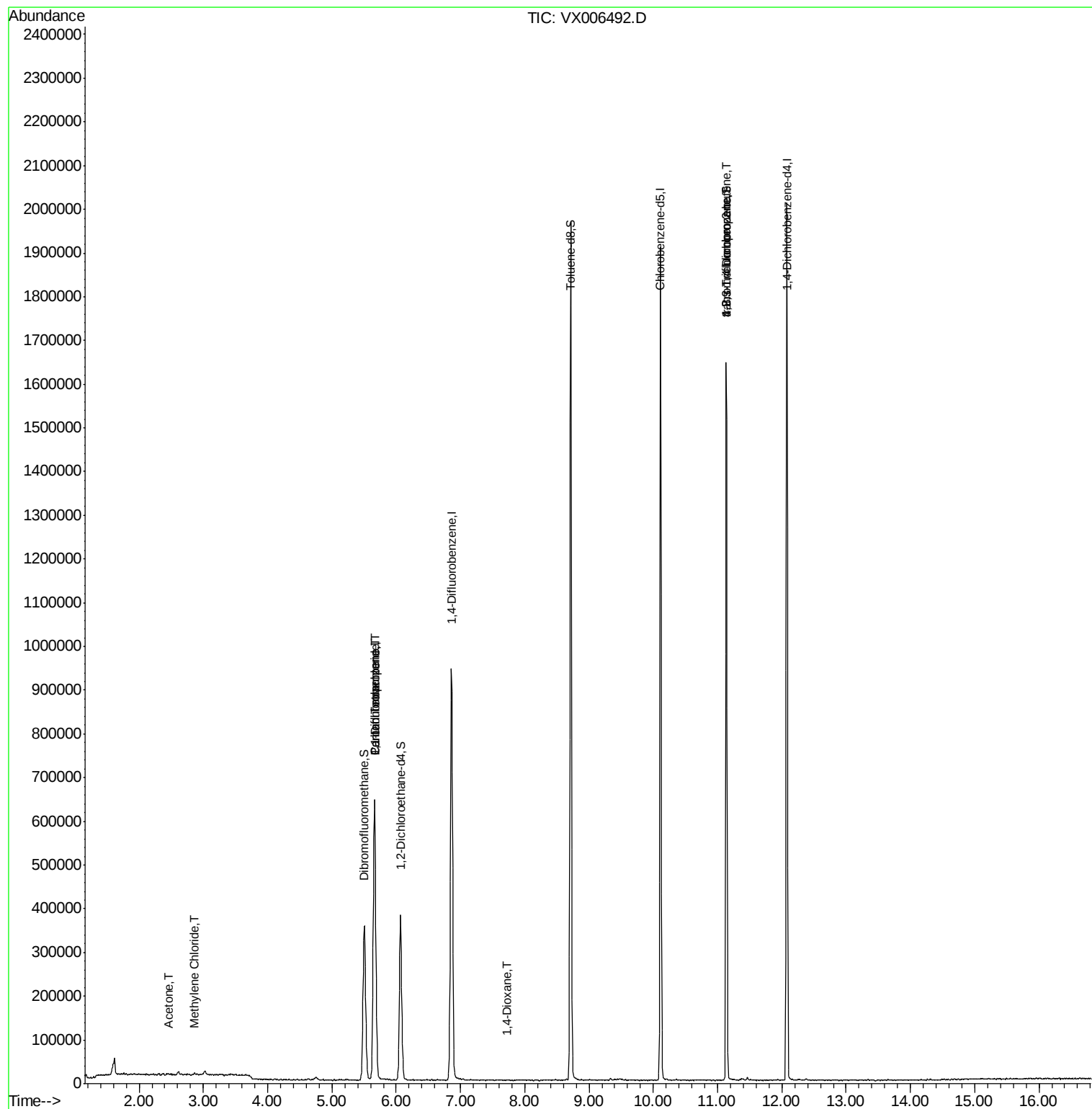
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	646700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1035387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	937526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	351127	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
35) Dibromofluoromethane	5.50	113	306544	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
50) Toluene-d8	8.71	98	1211883	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	446755	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	4322	1.395	ug/l	90
20) Methylene Chloride	2.85	84	1977	0.300	ug/l #	71
36) 1,1-Dichloropropene	5.66	75	44659	5.122	ug/l #	48
38) Carbon Tetrachloride	5.67	117	59252	5.777	ug/l #	15
49) 1,4-Dioxane	7.73	88	64	0.328	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	208720	24.644	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	208720	57.834	ug/l #	15

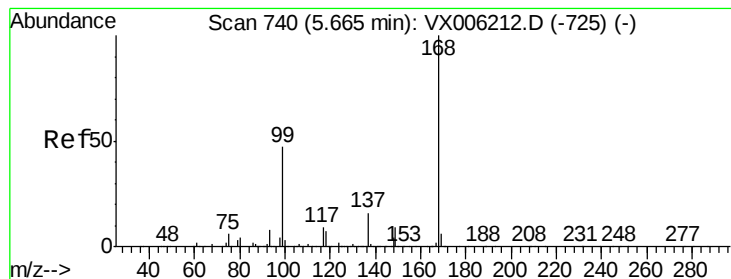
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121318\
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Quant Time: Dec 14 00:15:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

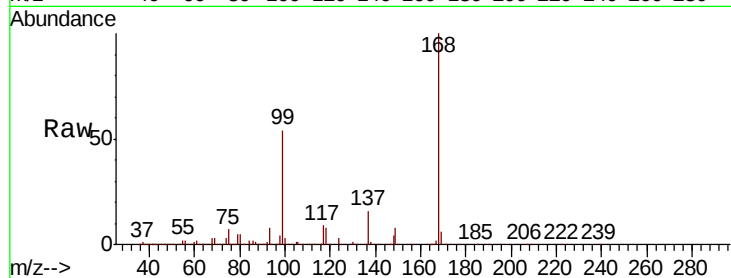
BP-HN-MW27I-20181210

Tot Ion:168 Resp: 646700

Ion Ratio Lower Upper

168 100

99 54.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

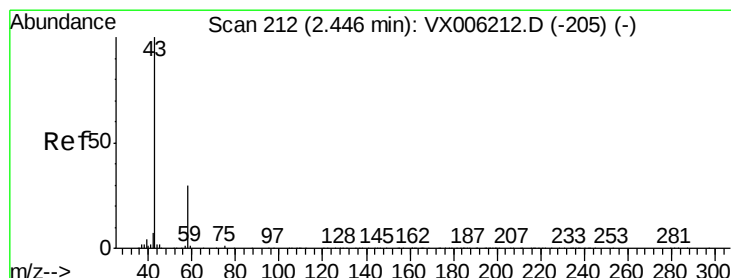
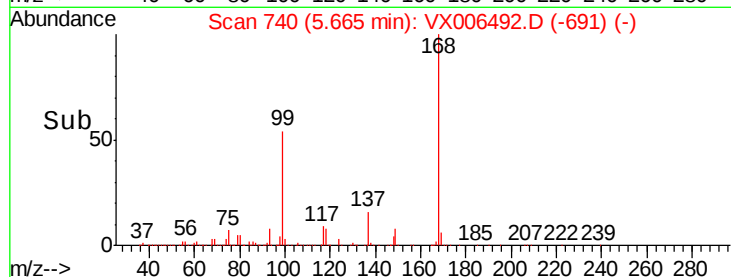
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.395 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006492.D

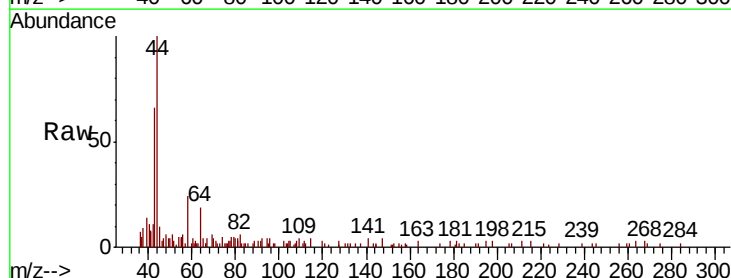
Acq: 13 Dec 2018 13:57

Tgt Ion: 43 Resp: 4322

Ion Ratio Lower Upper

43 100

58 35.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

1500

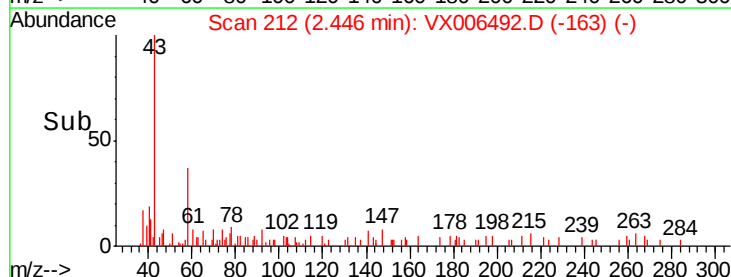
1000

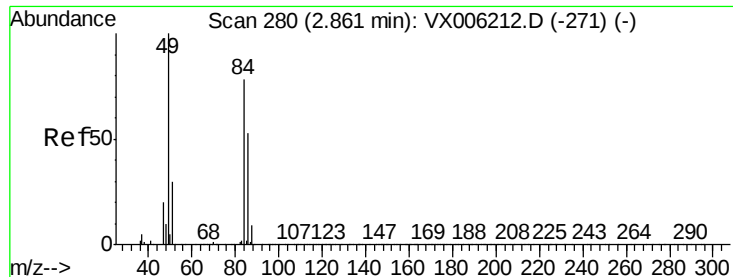
500

0

Time-->

2.40 2.45 2.50

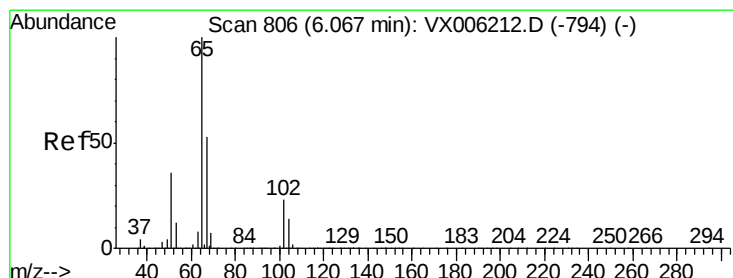
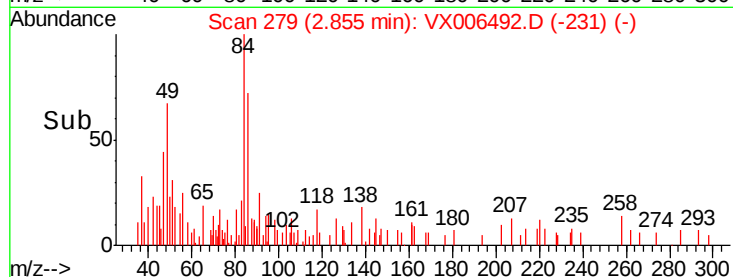
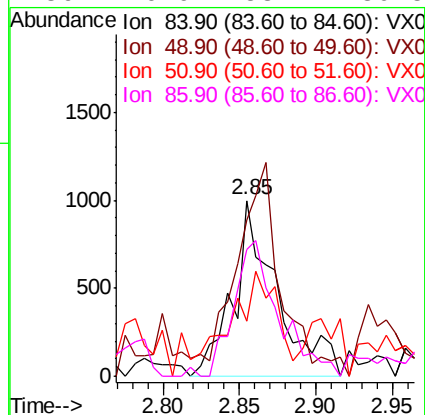
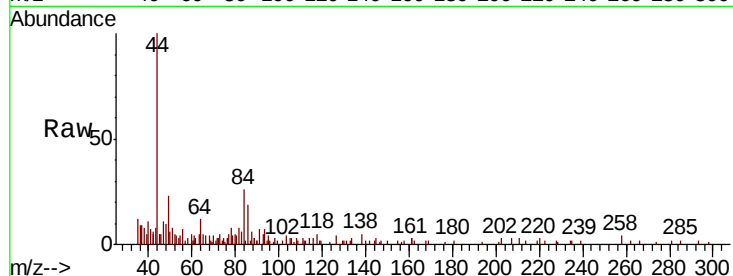




#20
Methvlene Chloride
Concen: 0.300 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006492.D
Acq: 13 Dec 2018 13:57

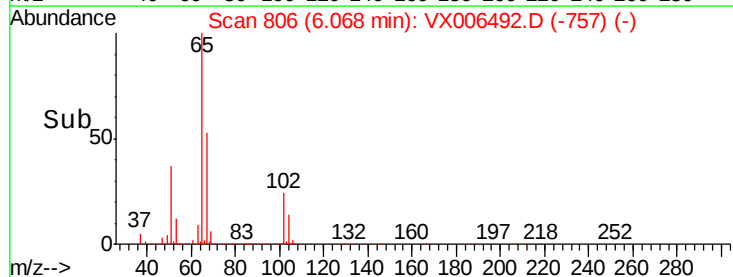
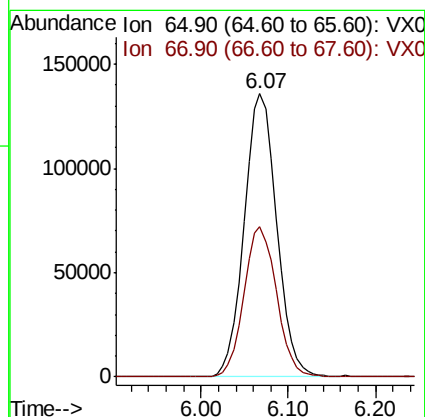
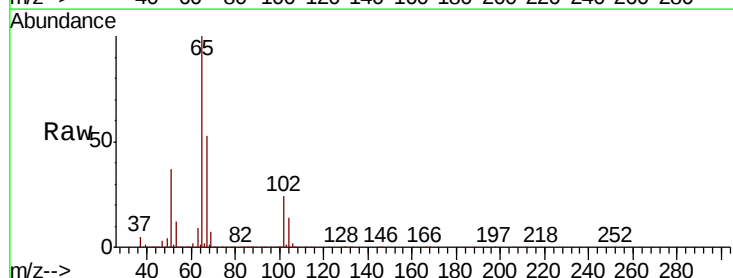
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW271-20181210

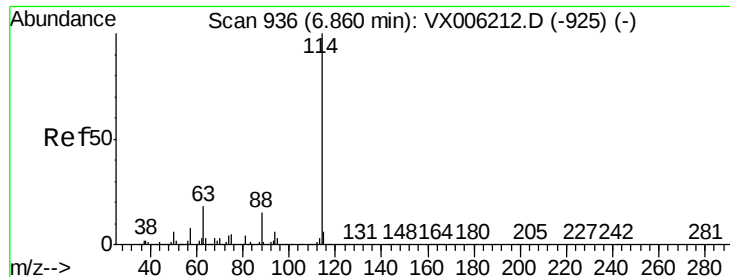
Tot Ion: 84 Resp: 1977
Ion Ratio Lower Upper
84 100
49 82.8 102.2 153.4#
51 23.0 31.1 46.7#
86 76.9 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 53.187 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006492.D
Acq: 13 Dec 2018 13:57

Tgt Ion: 65 Resp: 351127
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20181210

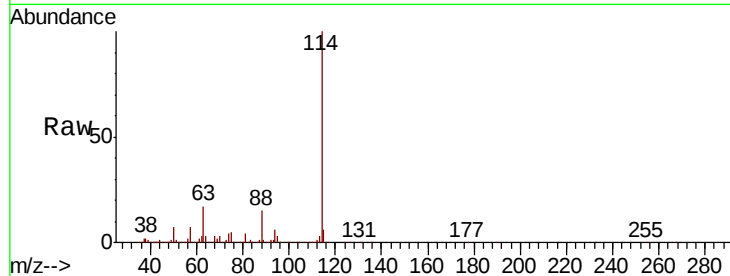
Tot Ion:114 Resp: 1035387

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

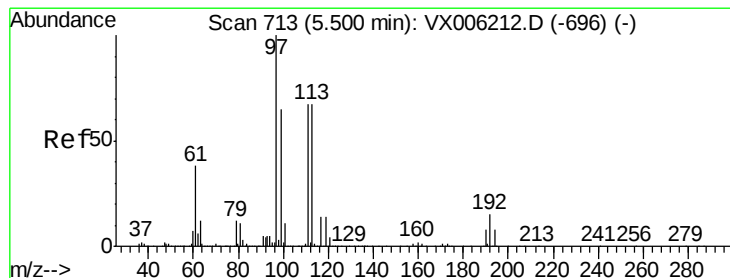
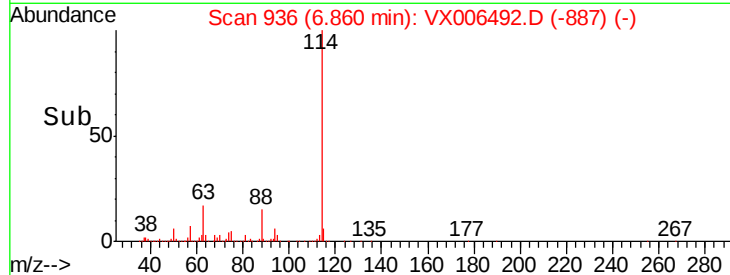
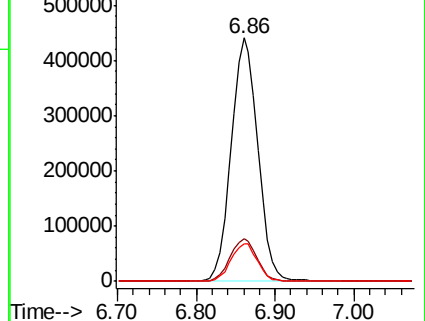
88 15.2 0.0 29.0



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: 45.727 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

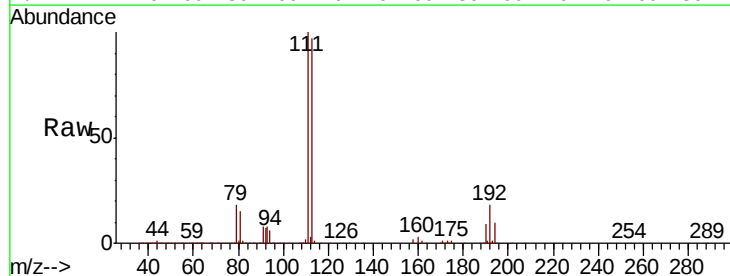
Tgt Ion:113 Resp: 306544

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

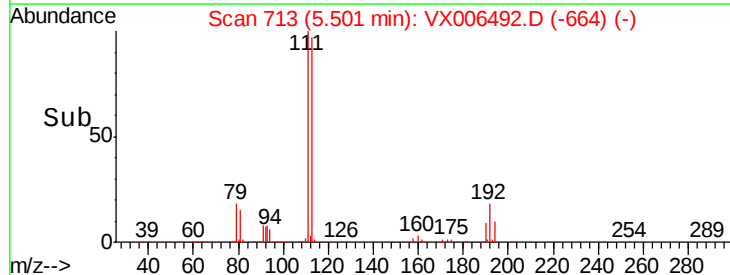
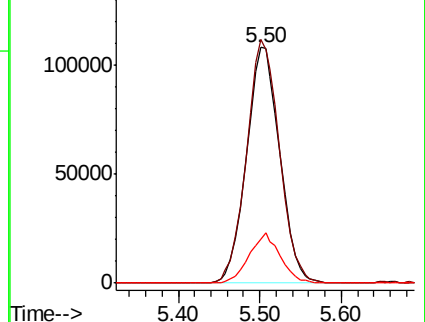
192 19.9 18.2 27.2

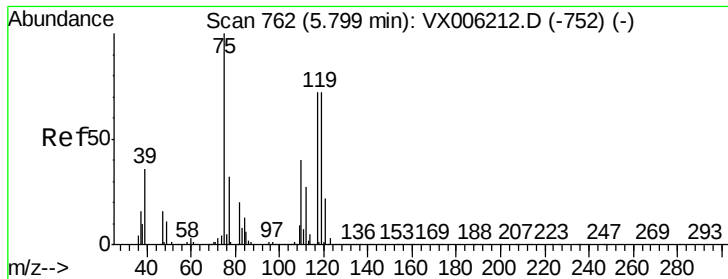


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.122 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20181210

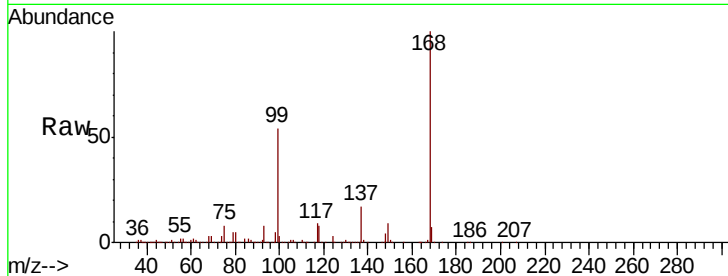
Tot Ion: 75 Resp: 44659

Ion Ratio Lower Upper

75 100

110 10.2 20.4 61.3#

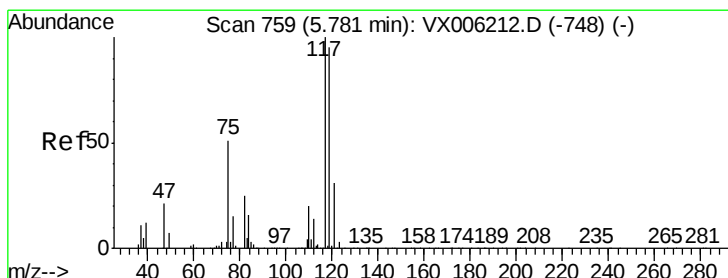
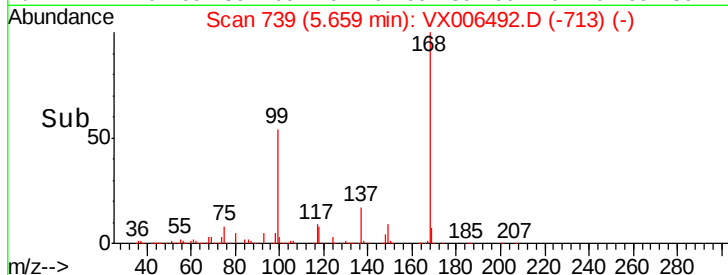
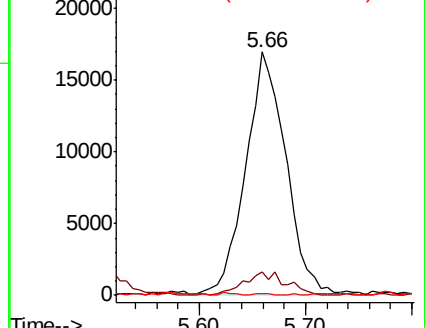
77 0.4 24.9 37.3#



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: 5.777 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

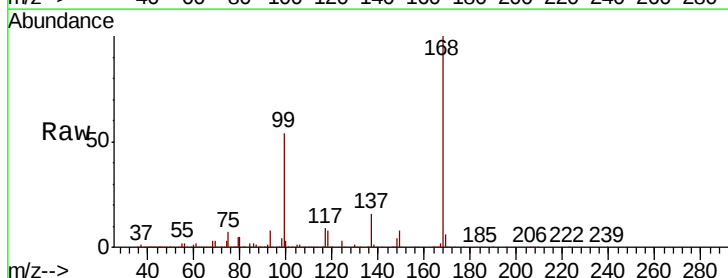
Tgt Ion: 117 Resp: 59252

Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.8#

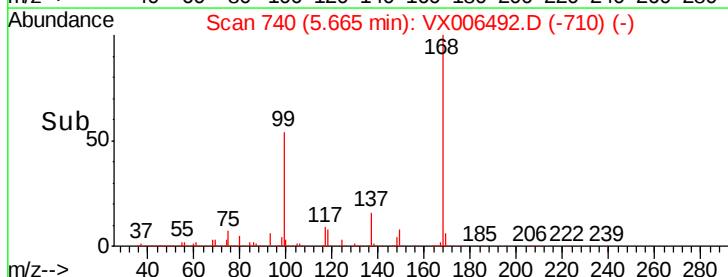
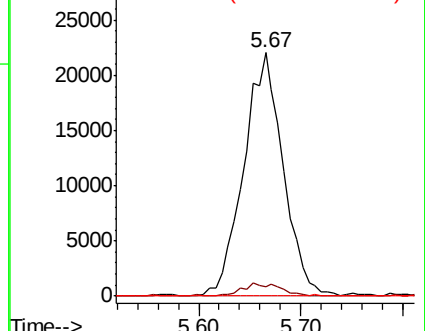
121 0.0 24.6 37.0#

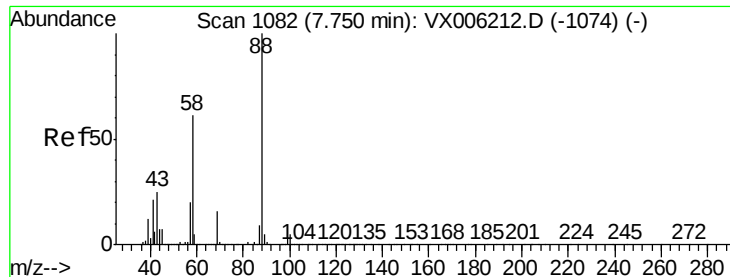


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.328 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.02 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20181210

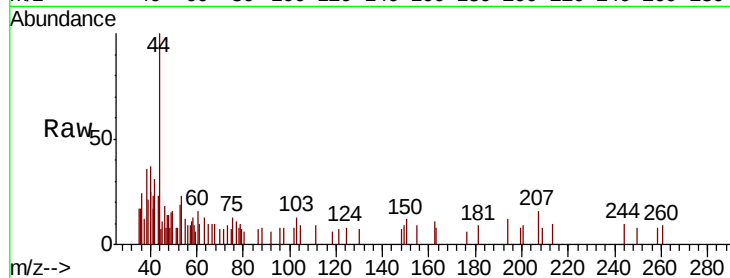
Tot Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 251.6 23.2 34.8#

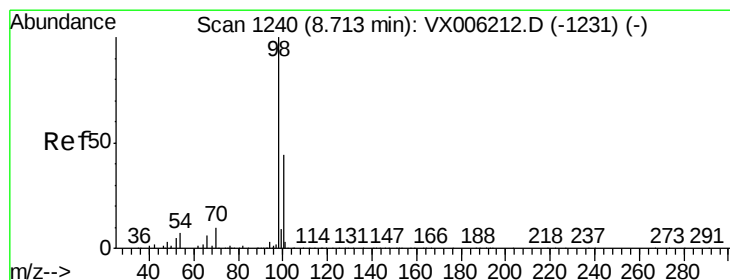
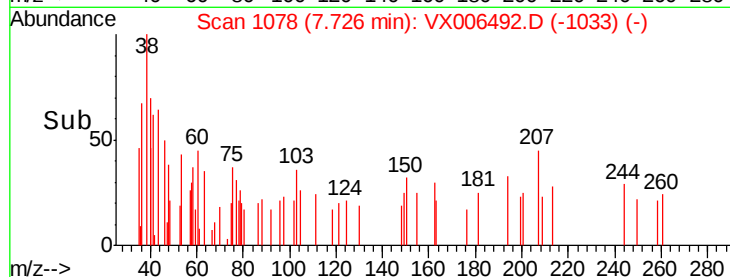
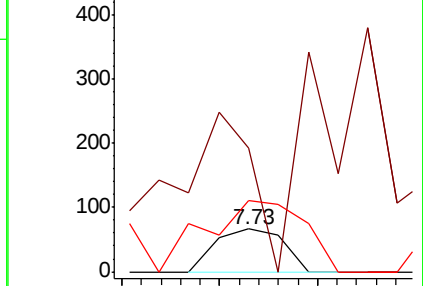
58 240.6 51.4 77.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.699 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006492.D

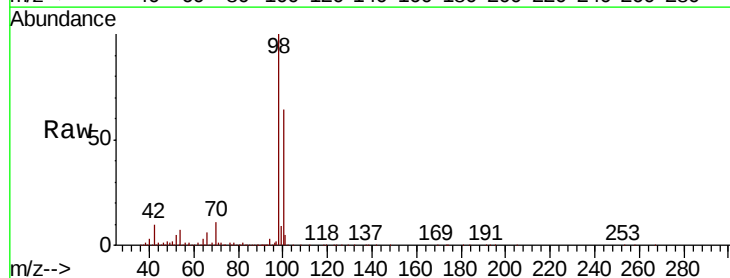
Acq: 13 Dec 2018 13:57

Tgt Ion: 98 Resp: 1211883

Ion Ratio Lower Upper

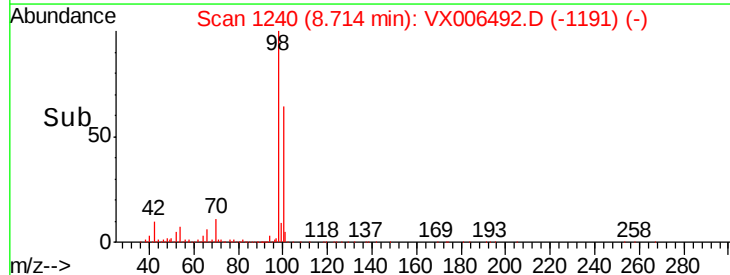
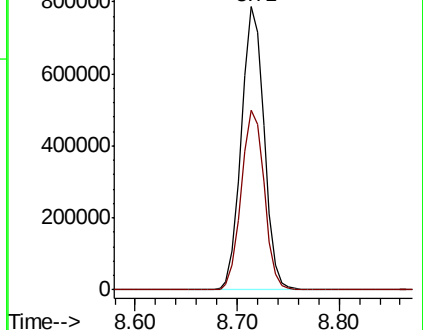
98 100

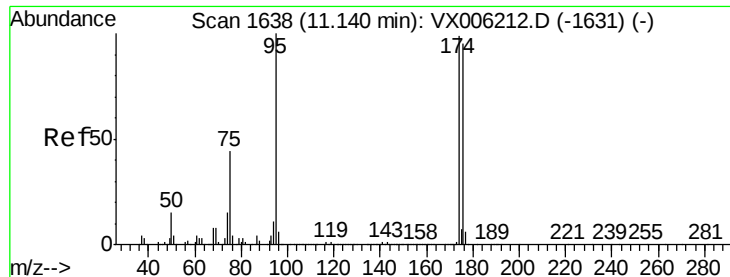
100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.620 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20181210

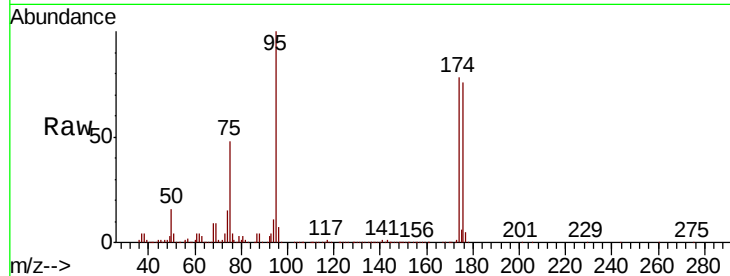
Tot Ion: 95 Resp: 446755

Ion Ratio Lower Upper

95 100

174 84.3 0.0 187.0

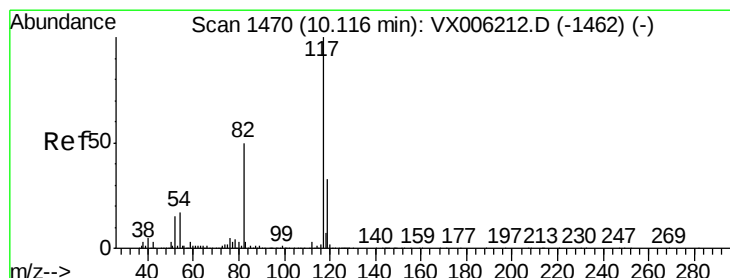
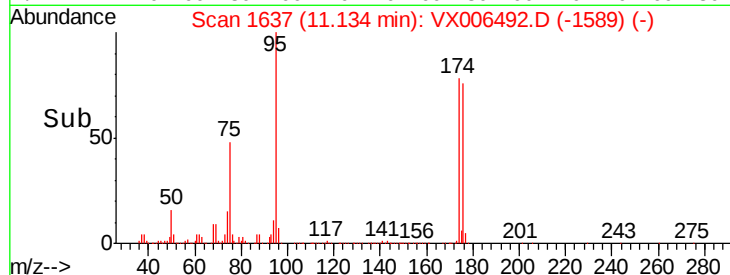
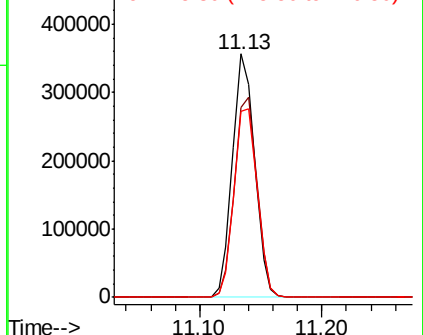
176 81.6 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006492.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006492.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006492.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

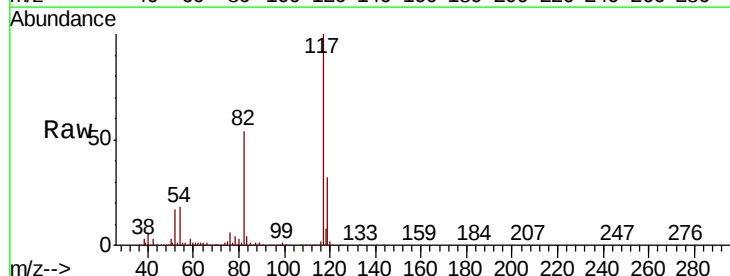
Tgt Ion: 117 Resp: 937526

Ion Ratio Lower Upper

117 100

82 54.2 39.6 59.4

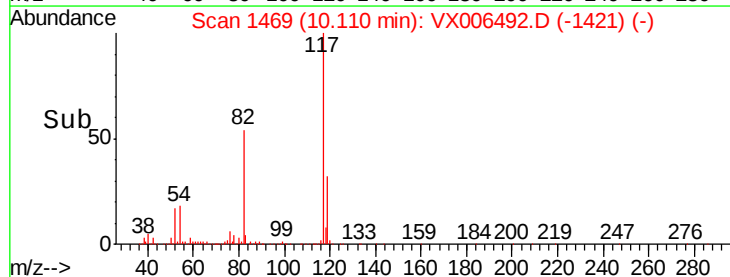
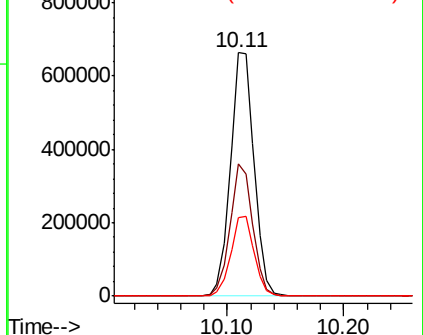
119 32.3 26.3 39.5

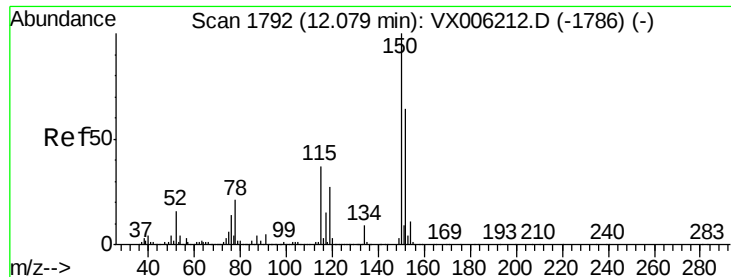


Abundance Ion 116.90 (116.60 to 117.60): VX006492.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006492.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006492.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20181210

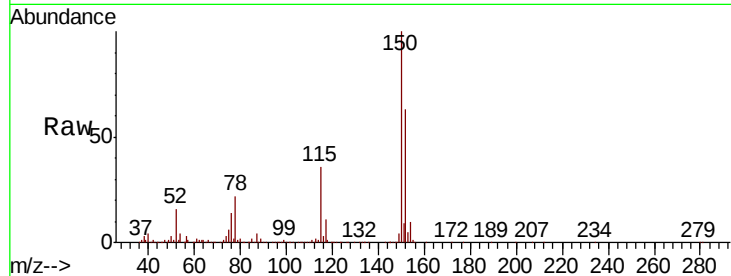
Tot Ion:152 Resp: 438785

Ion Ratio Lower Upper

152 100

115 58.0 39.0 116.9

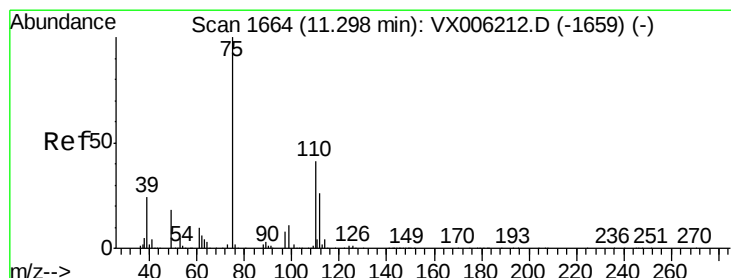
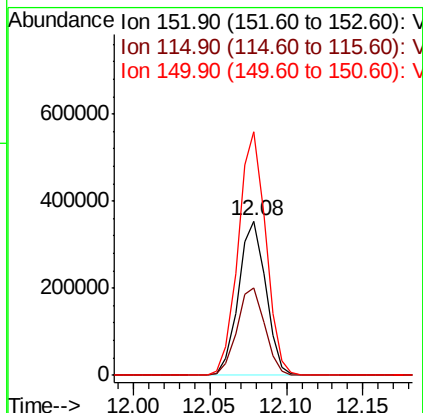
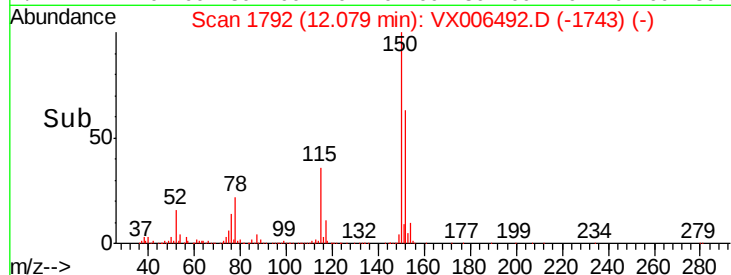
150 159.0 0.0 345.8



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: 24.644 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006492.D

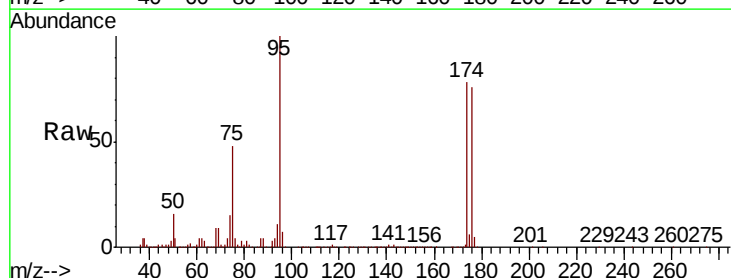
Acq: 13 Dec 2018 13:57

Tgt Ion: 75 Resp: 208720

Ion Ratio Lower Upper

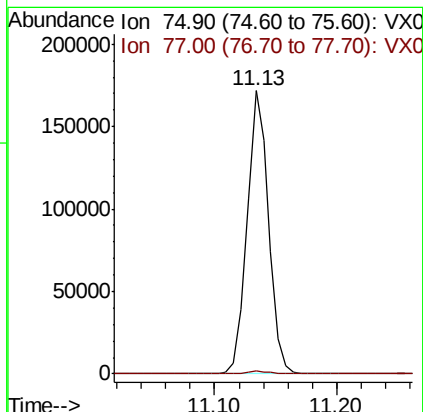
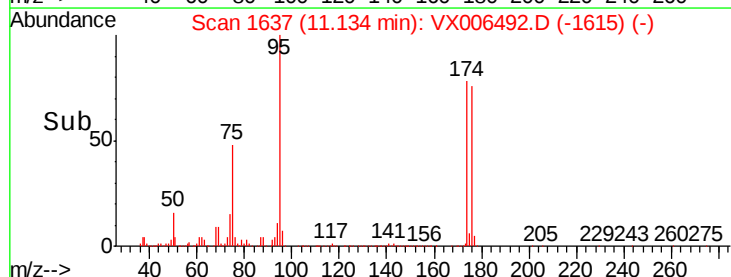
75 100

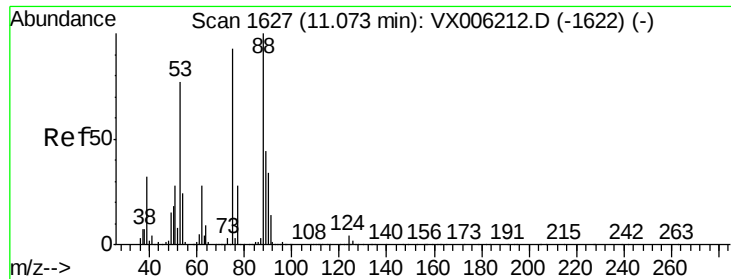
77 1.2 19.9 59.7#



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: 57.834 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006492.D

Acq: 13 Dec 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20181210

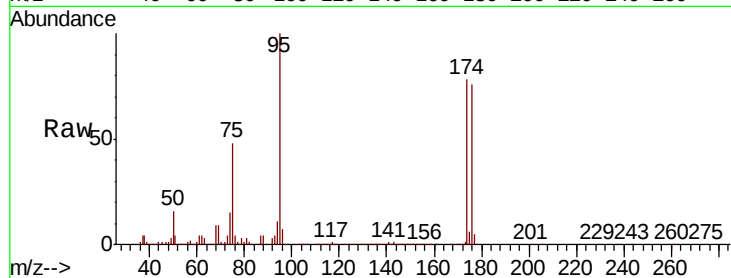
Tot Ion: 75 Resp: 208720

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#



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

