

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008155.D
 Acq On : 16 Mar 2019 21:34
 Operator : JC/SP
 Sample : K1908-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-02

Quant Time: Mar 18 03:35:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

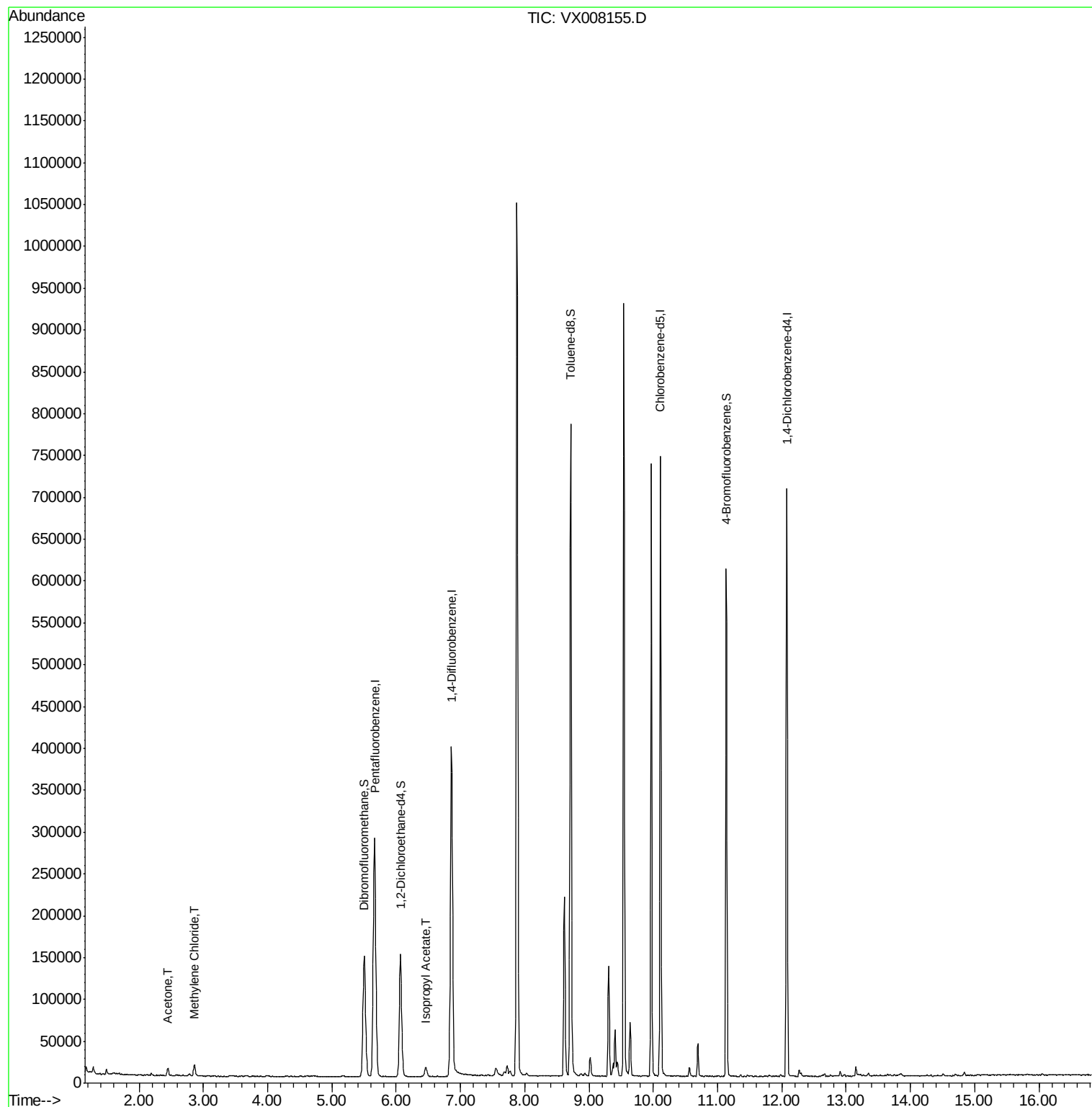
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136306	43.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.26%	
35) Dibromofluoromethane	5.50	113	125611	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
50) Toluene-d8	8.71	98	483906	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	11.13	95	159669	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
16) Acetone	2.45	43	10194	6.832	ug/l	98
20) Methylene Chloride	2.86	84	6360	2.386	ug/l	85
43) Isopropyl Acetate	6.46	43	14670	2.429	ug/l	99

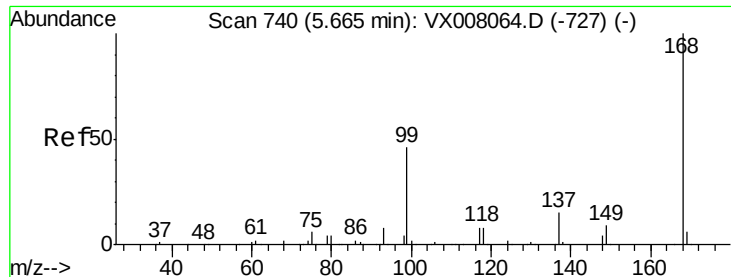
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
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: VX008155.D

Acq: 16 Mar 2019 21:34

Instrument :

MSVOA_X

ClientSampled :

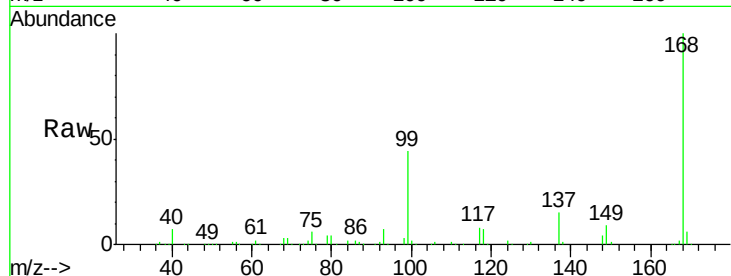
MH-02

Tot Ion:168 Resp: 313333

Ion Ratio Lower Upper

168 100

99 43.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

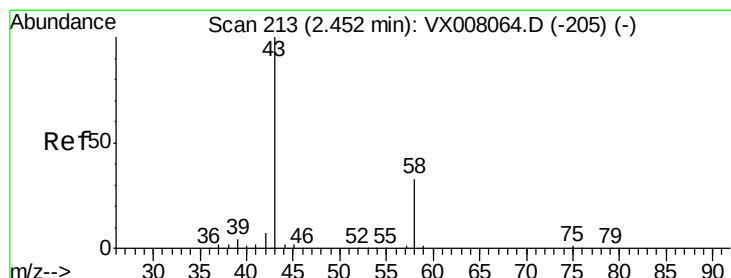
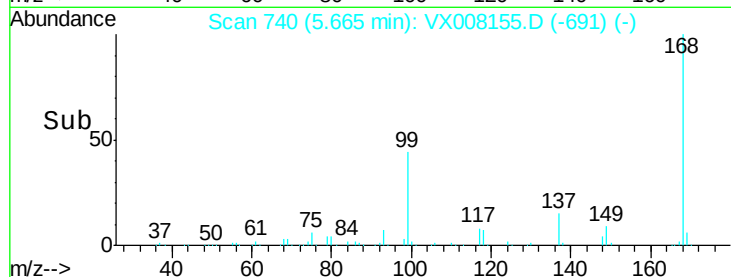
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 6.832 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008155.D

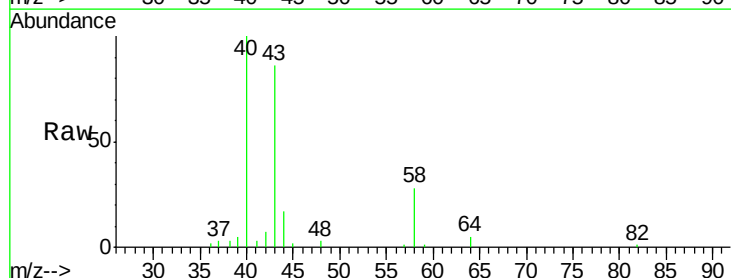
Acq: 16 Mar 2019 21:34

Tgt Ion: 43 Resp: 10194

Ion Ratio Lower Upper

43 100

58 32.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

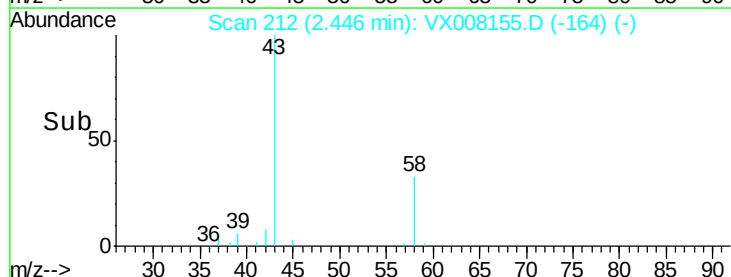
4000

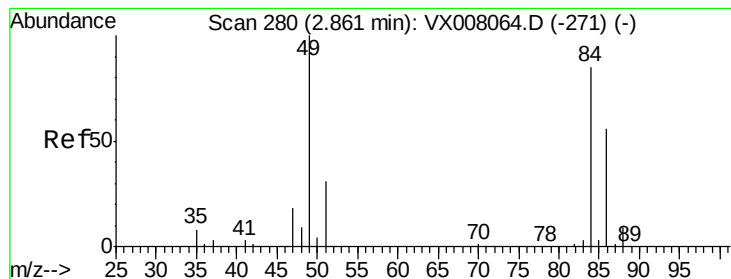
2000

0

Time-->

2.35 2.40 2.45 2.50





#20

Methvlene Chloride

Concen: 2.386 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008155.D

Acq: 16 Mar 2019 21:34

Instrument :

MSVOA_X

ClientSampleId :

MH-02

Tot Ion: 84 Resp: 6360

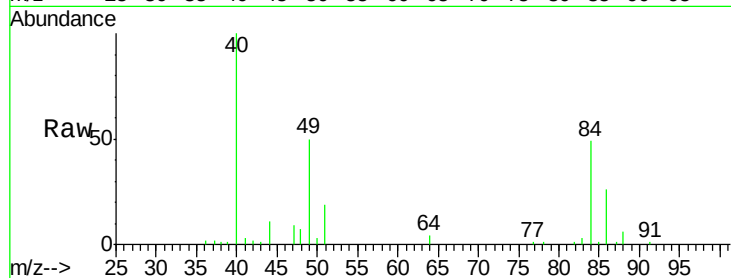
Ion Ratio Lower Upper

84 100

49 102.4 99.3 148.9

51 38.3 31.3 46.9

86 52.9 52.6 79.0

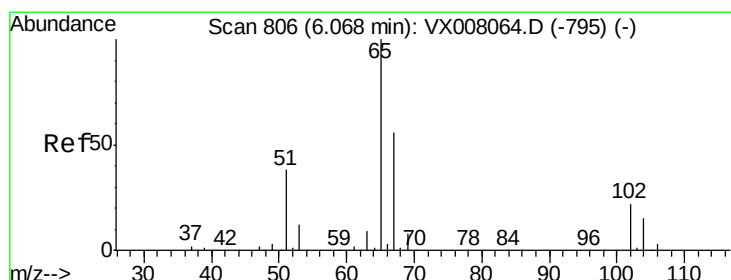
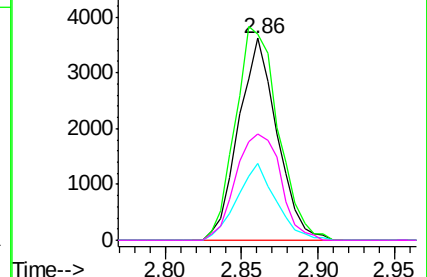
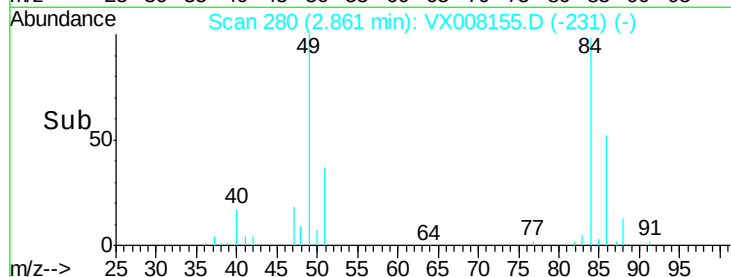


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 43.125 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008155.D

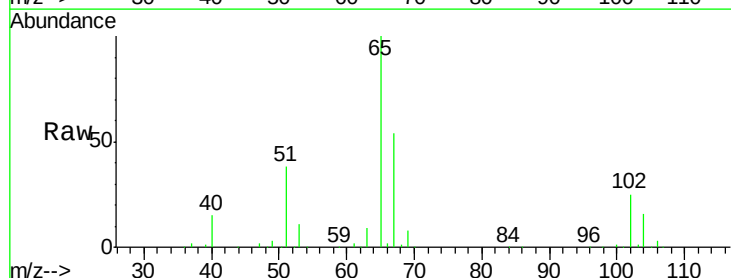
Acq: 16 Mar 2019 21:34

Tgt Ion: 65 Resp: 136306

Ion Ratio Lower Upper

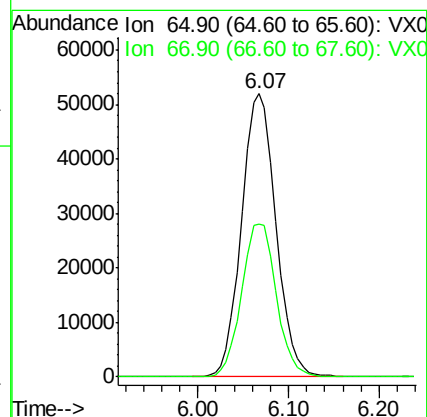
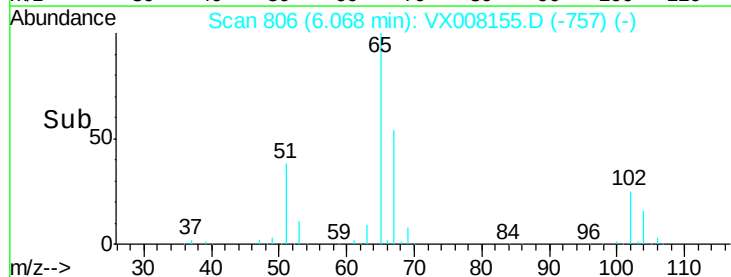
65 100

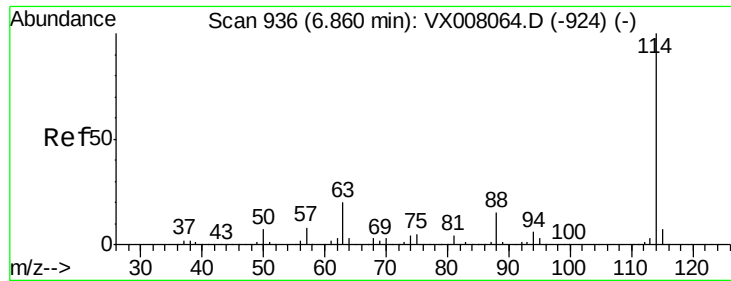
67 54.8 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

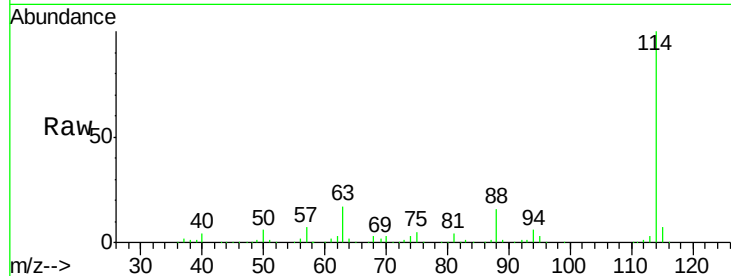




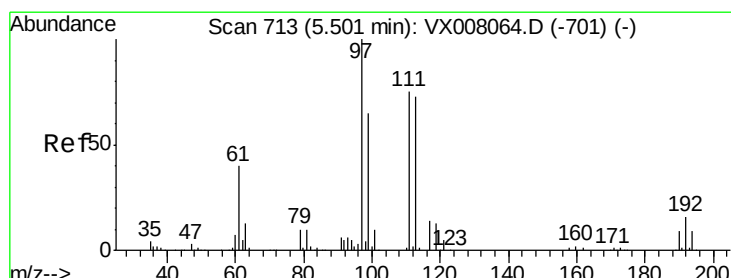
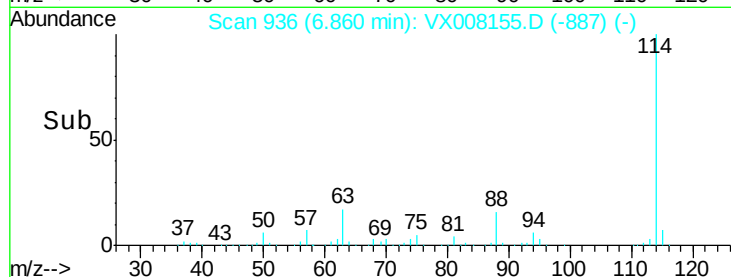
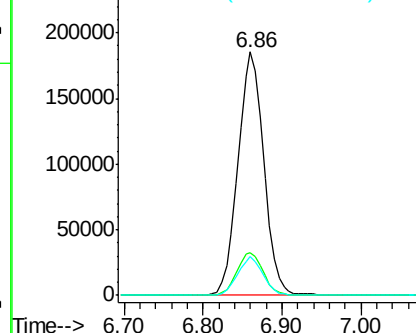
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Instrument :
MSVOA_X
ClientSampleId :
MH-02

Tot Ion:114 Resp: 424162
Ion Ratio Lower Upper
114 100
63 17.4 0.0 39.8
88 15.8 0.0 31.4

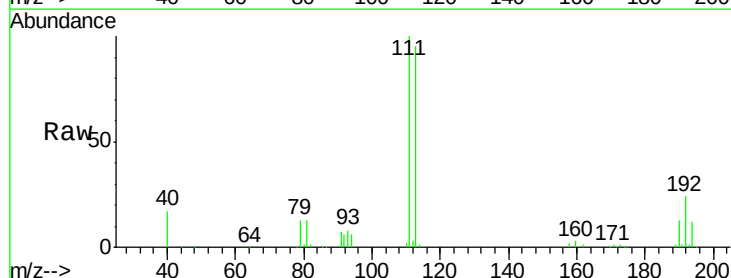


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

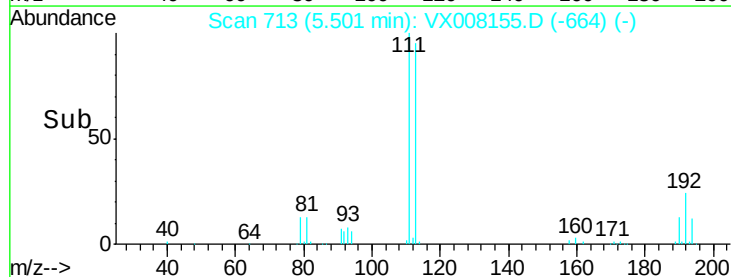
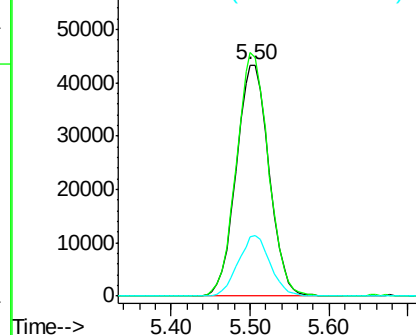


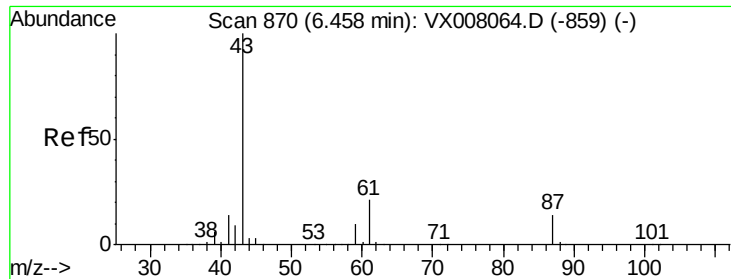
#35
Dibromofluoromethane
Concen: 46.699 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008155.D
Acq: 16 Mar 2019 21:34

Tgt Ion:113 Resp: 125611
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 25.6 19.4 29.0



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





#43

Isopropyl Acetate

Concen: 2.429 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX008155.D

Acq: 16 Mar 2019 21:34

Instrument :

MSVOA_X

ClientSampleId :

MH-02

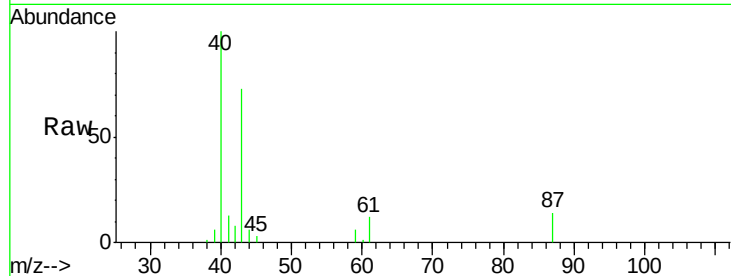
Tot Ion: 43 Resp: 14670

Ion Ratio Lower Upper

43 100

61 20.5 16.3 24.5

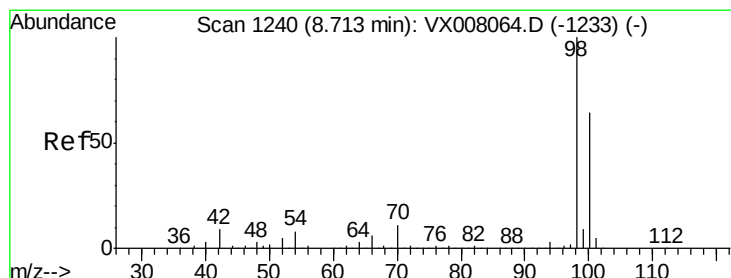
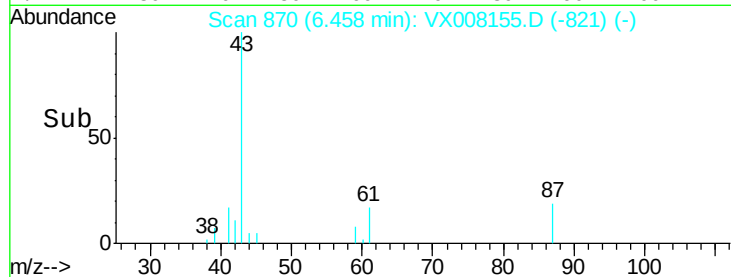
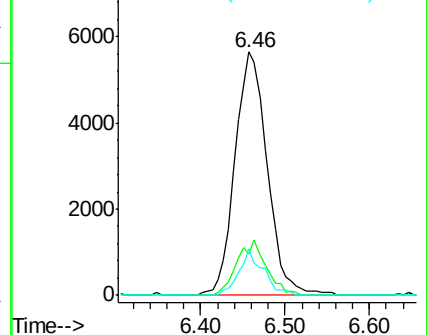
87 14.5 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 47.302 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008155.D

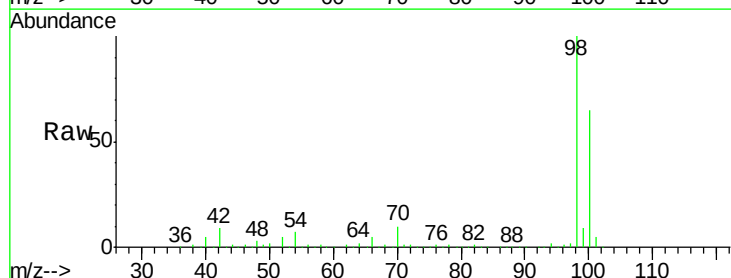
Acq: 16 Mar 2019 21:34

Tgt Ion: 98 Resp: 483906

Ion Ratio Lower Upper

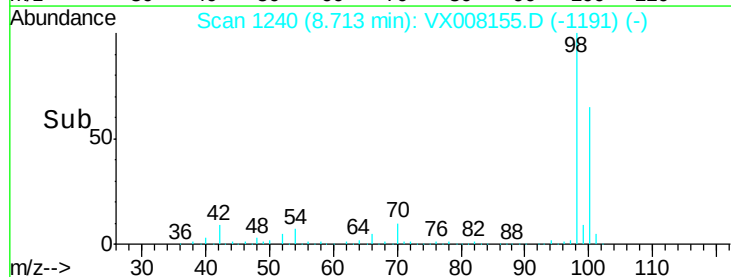
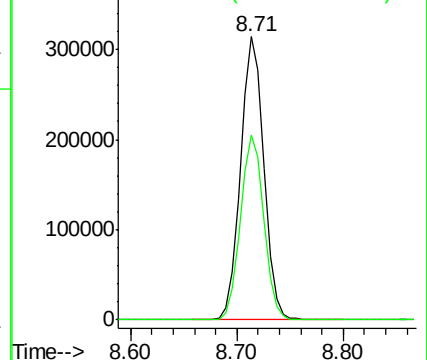
98 100

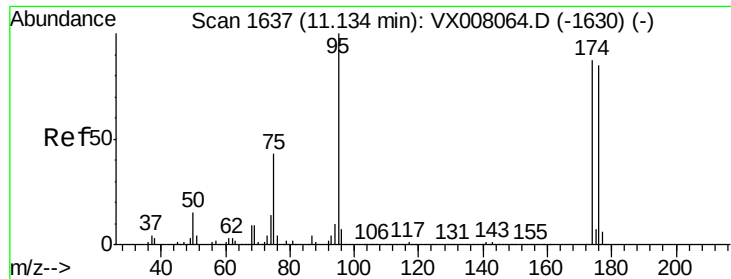
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.568 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008155.D

Acq: 16 Mar 2019 21:34

Instrument :

MSVOA_X

ClientSampleId :

MH-02

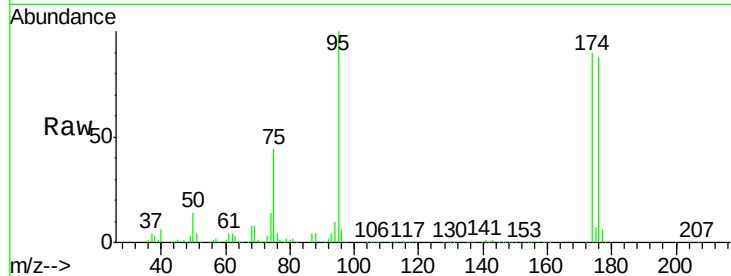
Tot Ion: 95 Resp: 159669

Ion Ratio Lower Upper

95 100

174 96.9 0.0 182.8

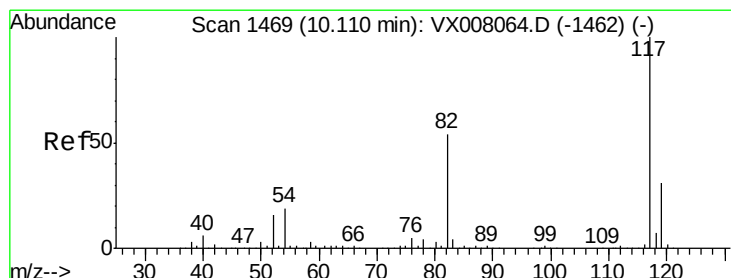
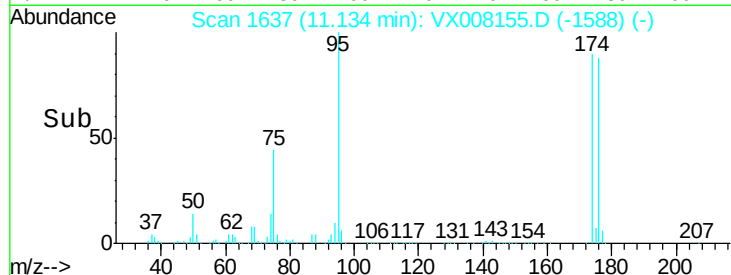
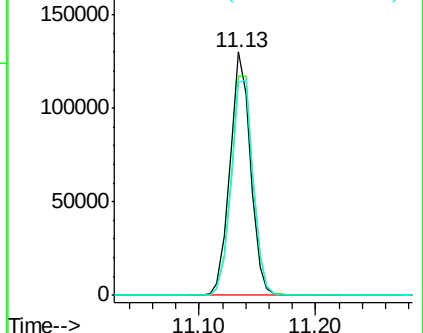
176 94.2 0.0 178.0



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008155.D

Acq: 16 Mar 2019 21:34

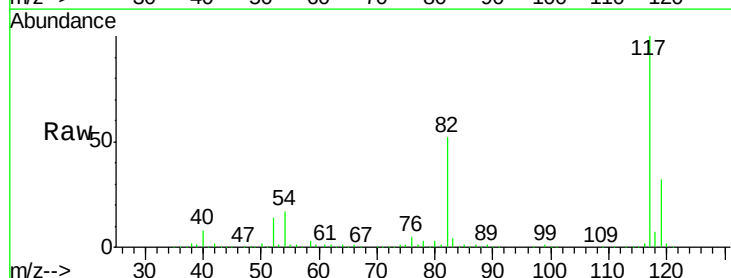
Tgt Ion: 117 Resp: 360011

Ion Ratio Lower Upper

117 100

82 52.0 44.3 66.5

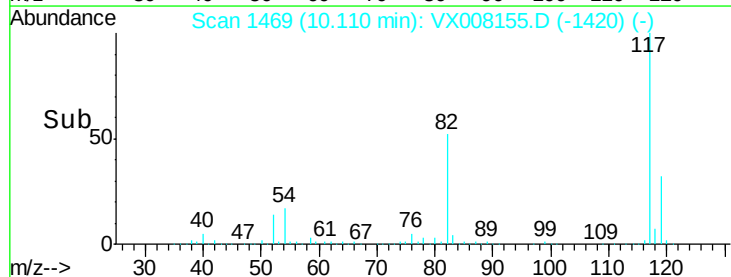
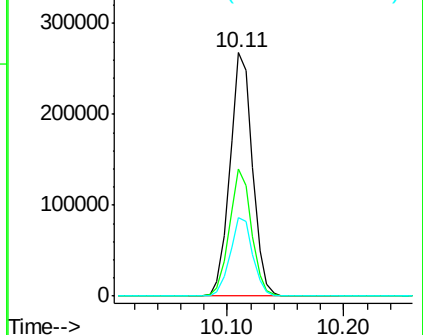
119 32.3 25.3 37.9

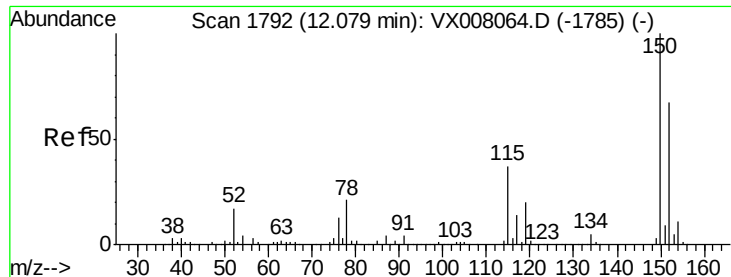


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008155.D

Acq: 16 Mar 2019 21:34

Instrument :

MSVOA_X

ClientSampleId :

MH-02

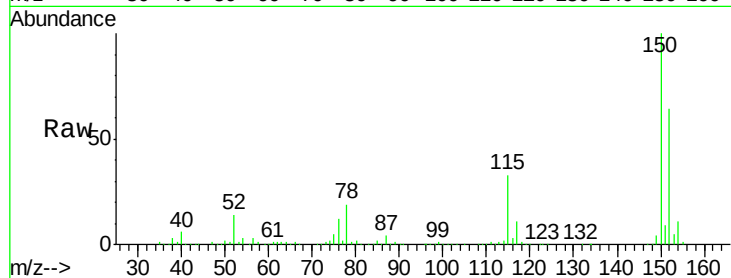
Tot Ion:152 Resp: 165016

Ion Ratio Lower Upper

152 100

115 53.8 38.6 115.7

150 157.2 0.0 348.4



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

