

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\
 Data File : VX007043.D
 Acq On : 14 Jan 2019 16:56
 Operator : JC/SP
 Sample : K1015-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-02-011119-B

Quant Time: Jan 15 00:33:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

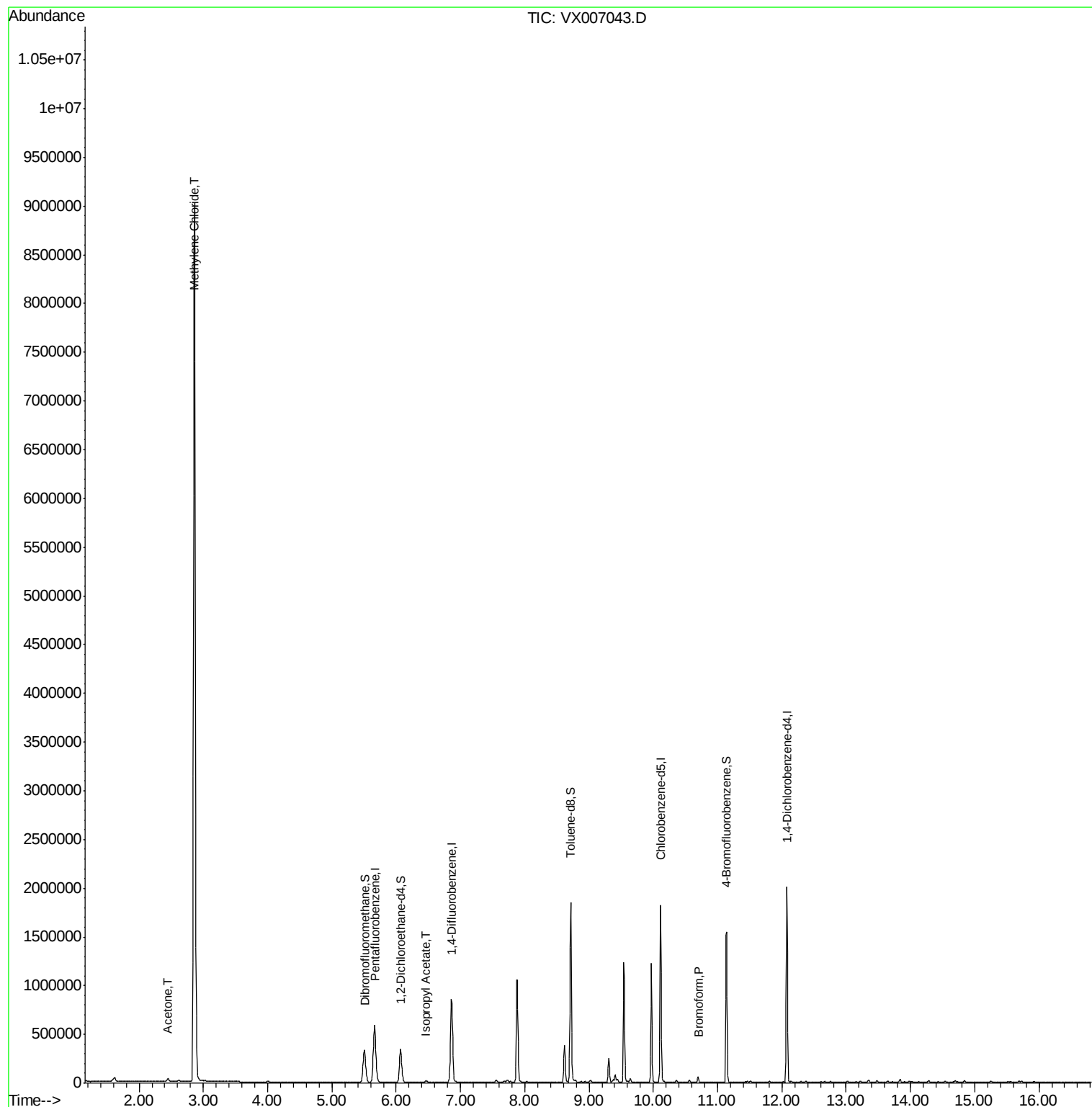
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	597976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	923147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	879458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	427562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	313313	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	5.50	113	284388	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
50) Toluene-d8	8.71	98	1117938	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	399788	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
Target Compounds						
16) Acetone	2.45	43	30087	9.739	ug/l	100
20) Methylene Chloride	2.86	84	4159775	715.431	ug/l	95
43) Isopropyl Acetate	6.46	43	21380	1.575	ug/l	99
71) Bromoform	10.72	173	95	4.742	ug/l #	28

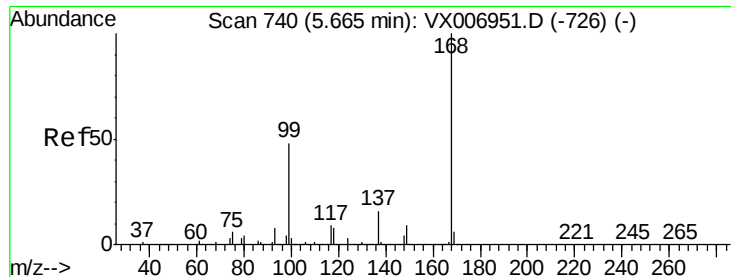
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007043.D

Acq: 14 Jan 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

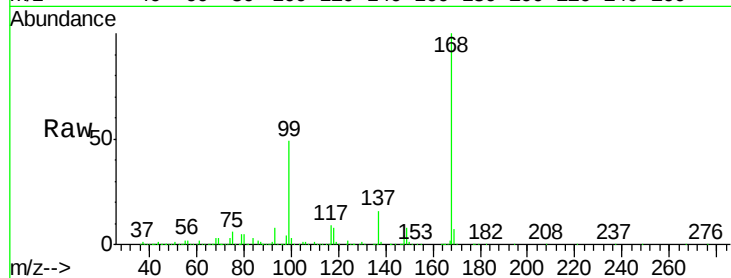
SU-02-011119-B

Tot Ion:168 Resp: 597976

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

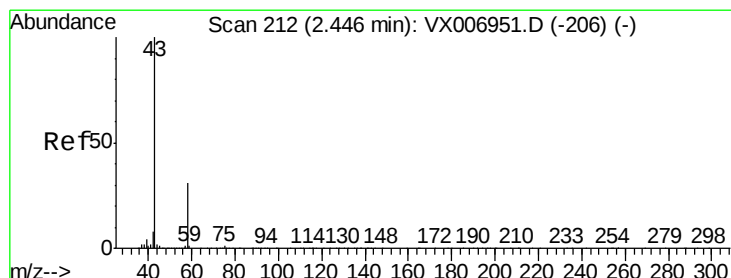
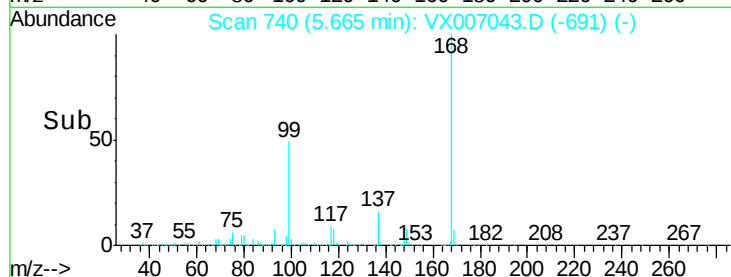
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.739 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007043.D

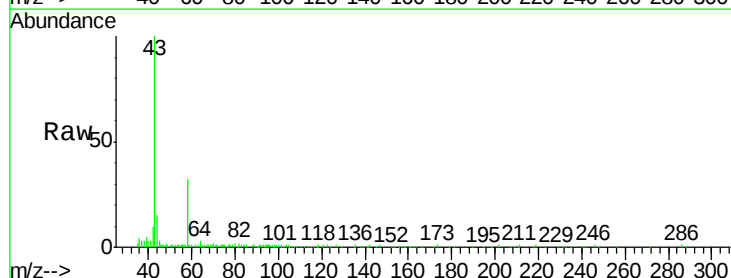
Acq: 14 Jan 2019 16:56

Tgt Ion: 43 Resp: 30087

Ion Ratio Lower Upper

43 100

58 31.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

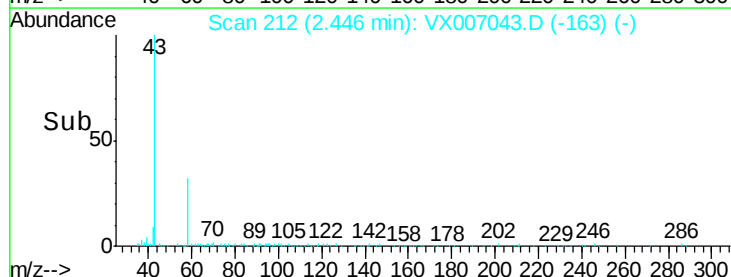
15000

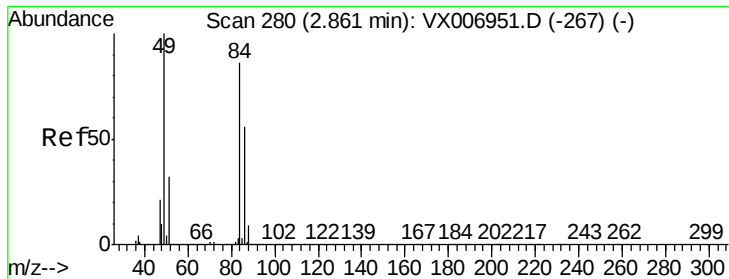
10000

5000

0

Time--> 2.40 2.45 2.50



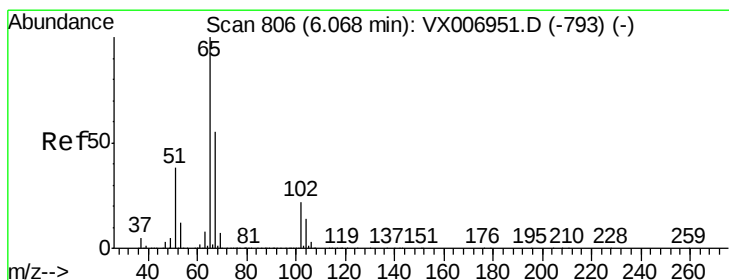
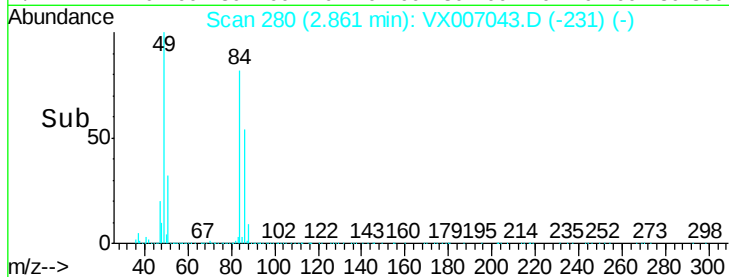
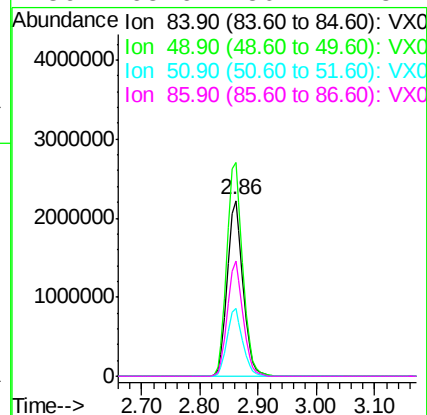
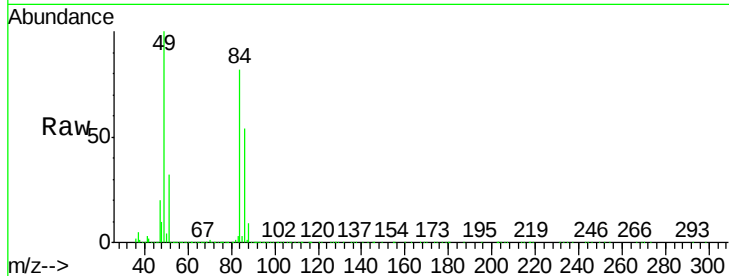


#20
Methvlene Chloride
Concen: 715.431 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007043.D
Acq: 14 Jan 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
SU-02-011119-B

Tot Ion: 84 Resp: 4159775

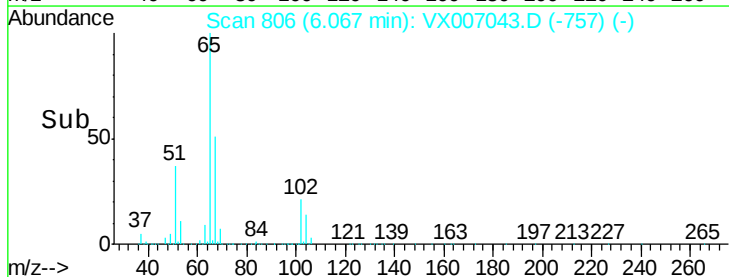
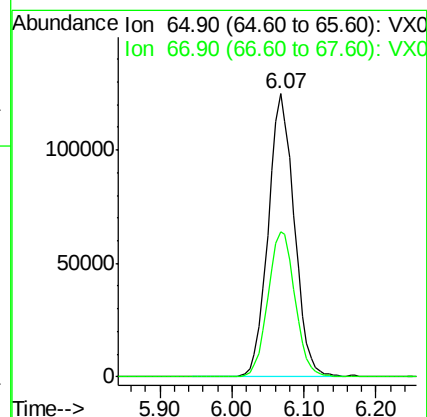
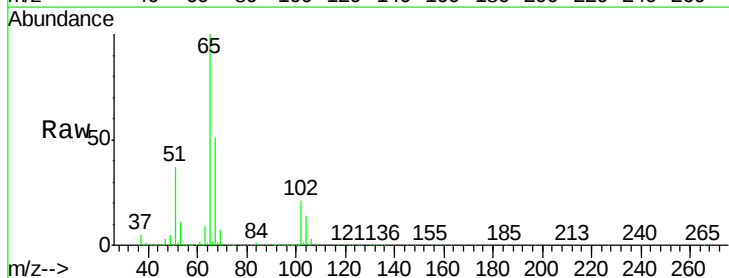
Ion	Ratio	Lower	Upper
84	100		
49	121.4	91.8	137.6
51	38.3	28.5	42.7
86	65.6	50.2	75.2

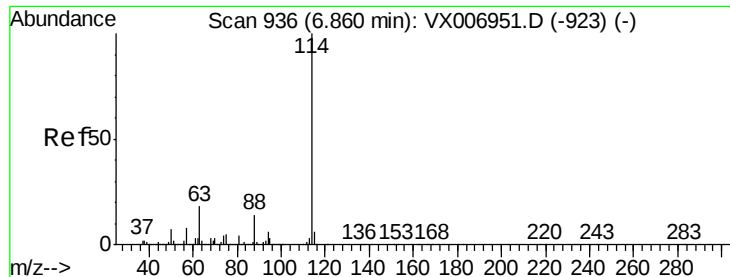


#33
1,2-Dichloroethane-d4
Concen: 50.135 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007043.D
Acq: 14 Jan 2019 16:56

Tgt Ion: 65 Resp: 313313

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007043.D

Acq: 14 Jan 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

SU-02-011119-B

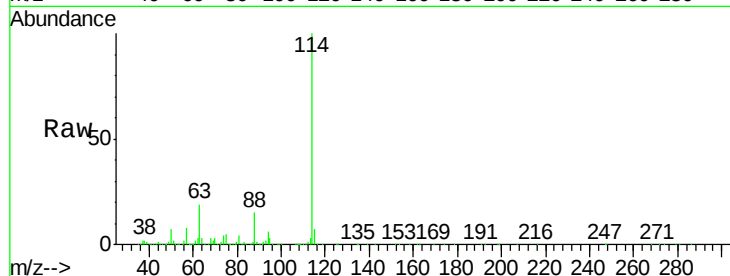
Tot Ion:114 Resp: 923147

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

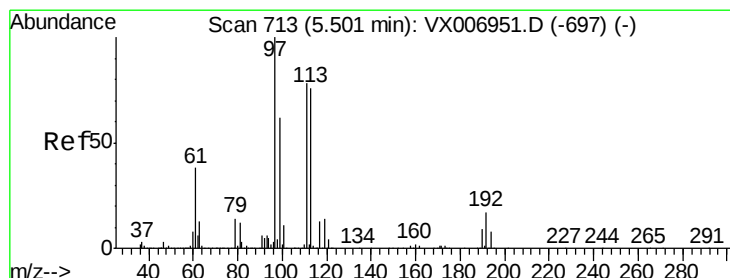
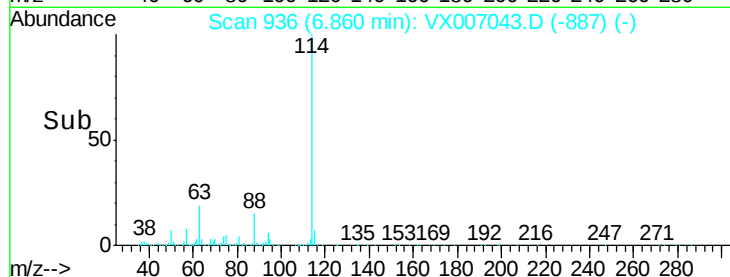
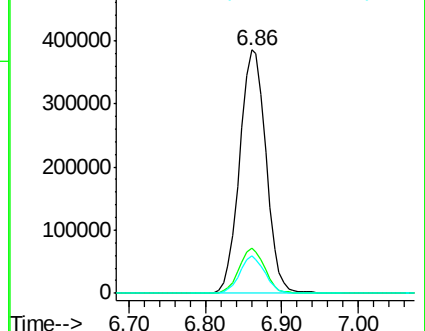
88 15.3 0.0 28.8



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: 48.105 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007043.D

Acq: 14 Jan 2019 16:56

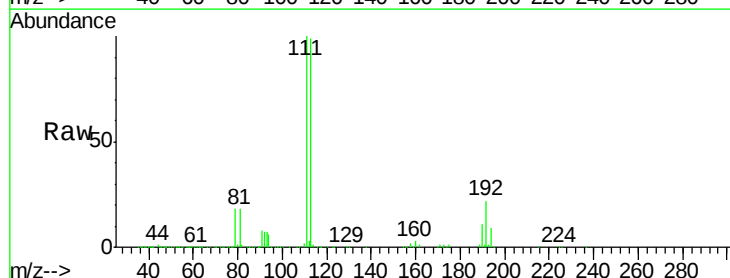
Tgt Ion:113 Resp: 284388

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

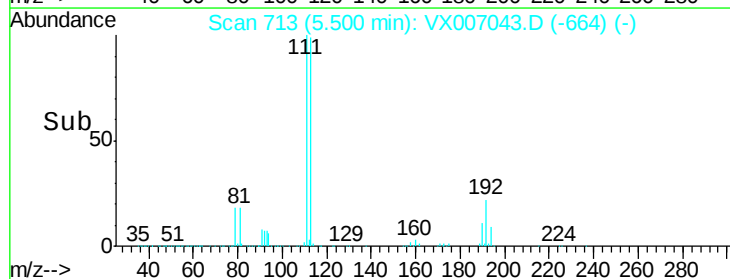
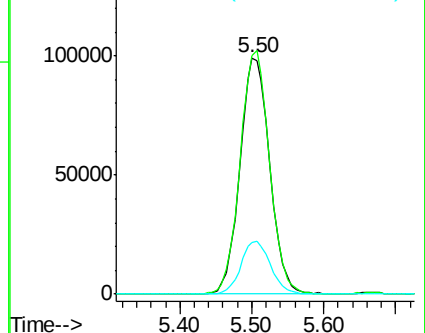
192 22.3 16.7 25.1

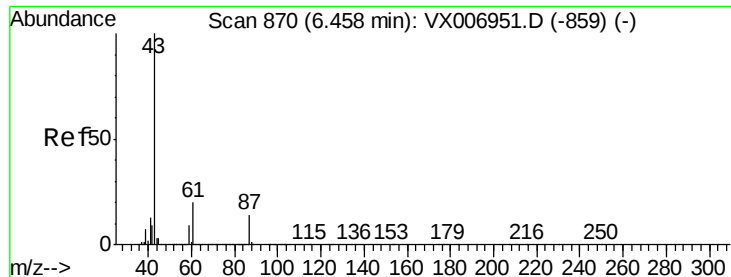


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.575 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007043.D

Acq: 14 Jan 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

SU-02-011119-B

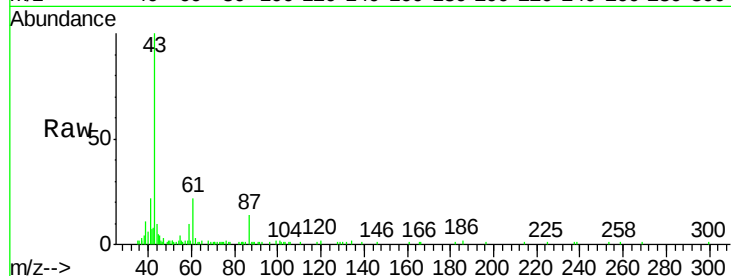
Tot Ion: 43 Resp: 21380

Ion Ratio Lower Upper

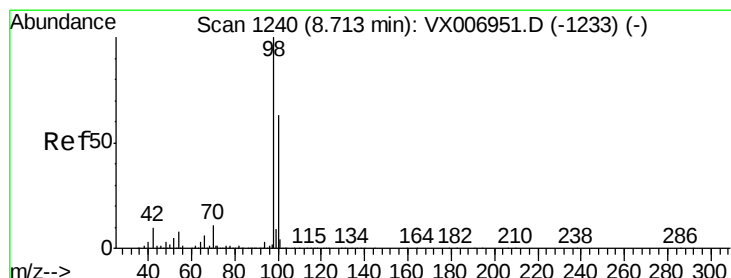
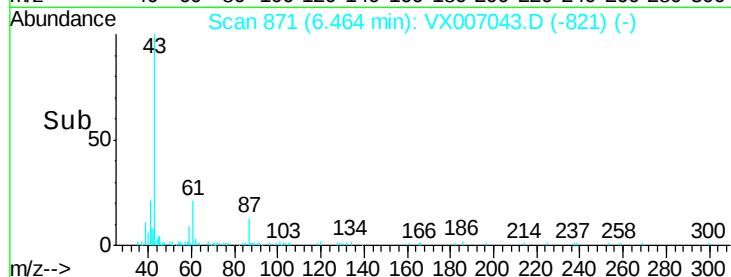
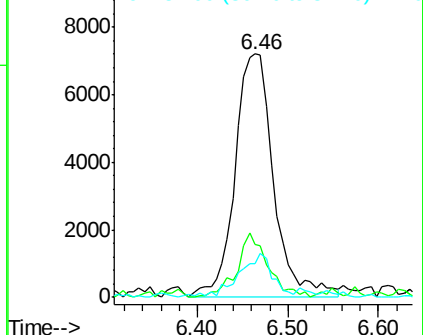
43 100

61 21.2 16.8 25.2

87 15.2 12.4 18.6



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: 51.663 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007043.D

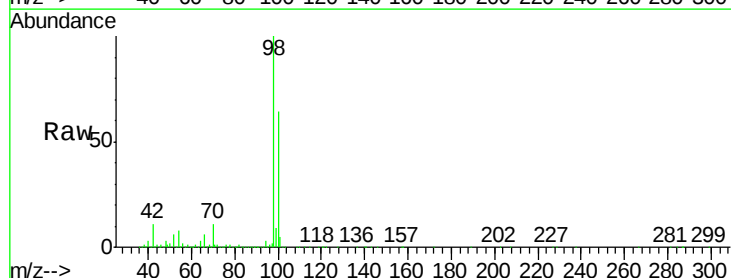
Acq: 14 Jan 2019 16:56

Tgt Ion: 98 Resp: 1117938

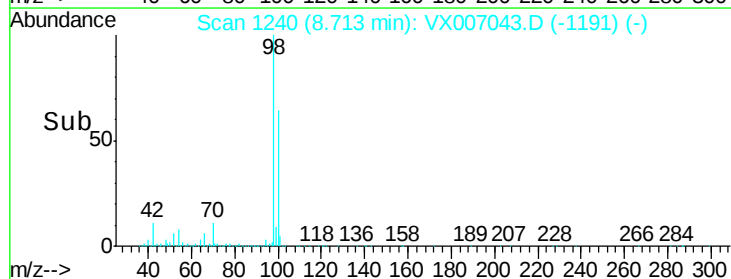
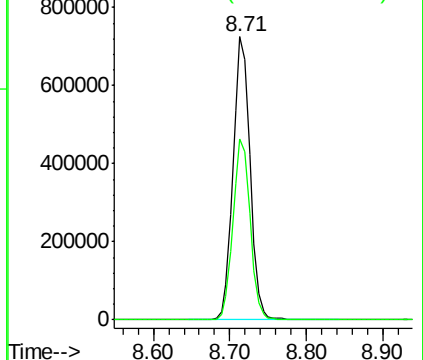
Ion Ratio Lower Upper

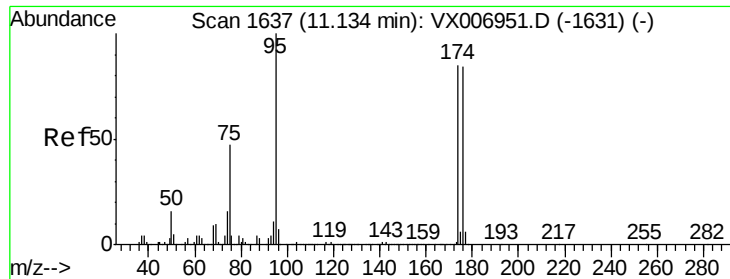
98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.995 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007043.D

Acq: 14 Jan 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

SU-02-011119-B

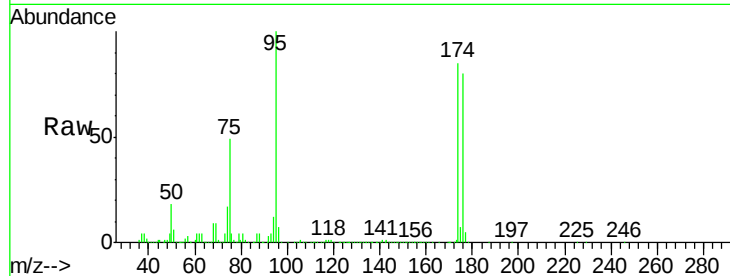
Tot Ion: 95 Resp: 399788

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.2

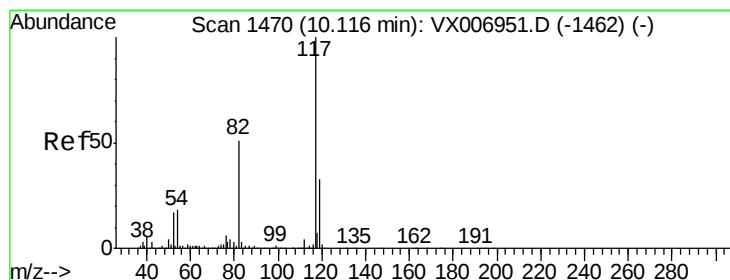
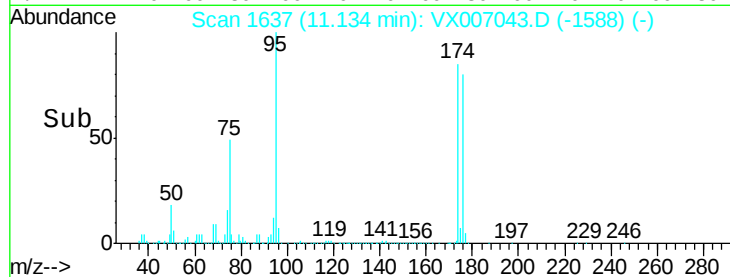
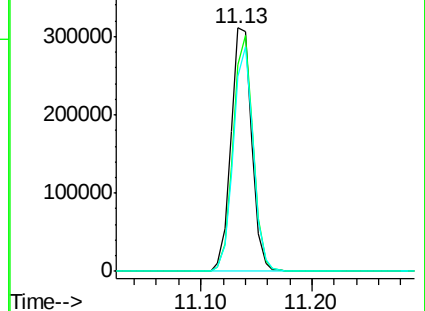
176 89.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007043.D

Acq: 14 Jan 2019 16:56

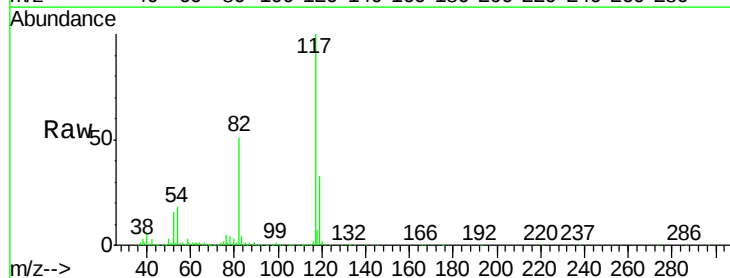
Tgt Ion: 117 Resp: 879458

Ion Ratio Lower Upper

117 100

82 51.0 41.0 61.6

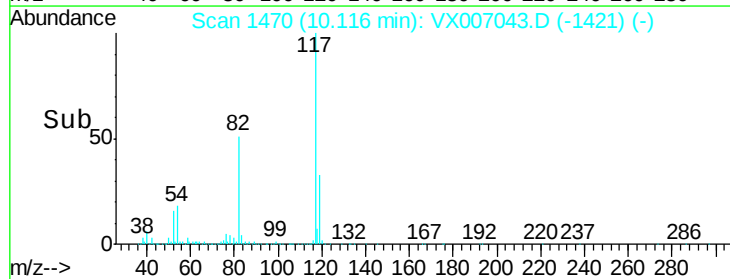
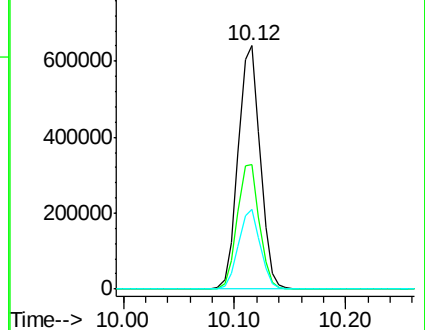
119 32.8 25.4 38.0

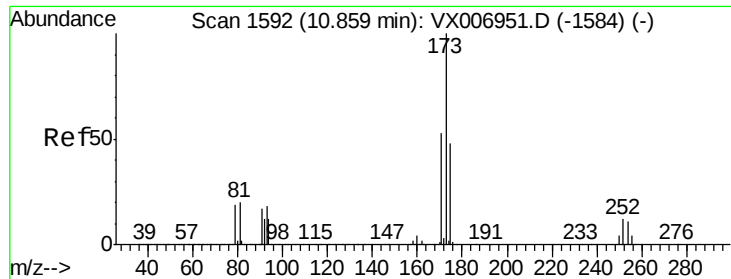


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#71

Bromoform

Concen: 4.742 ug/l

RT: 10.72 min Scan# 1569

Delta R.T. -0.14 min

Lab File: VX007043.D

Acq: 14 Jan 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

SU-02-011119-B

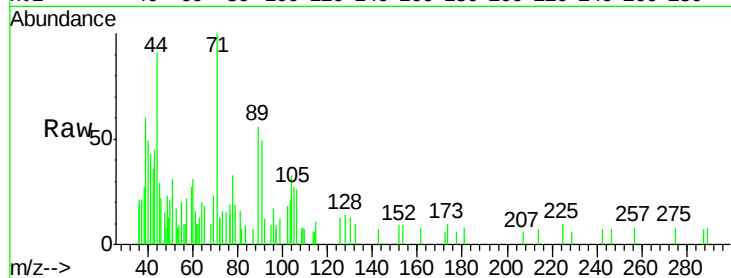
Tot Ion:173 Resp: 95

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

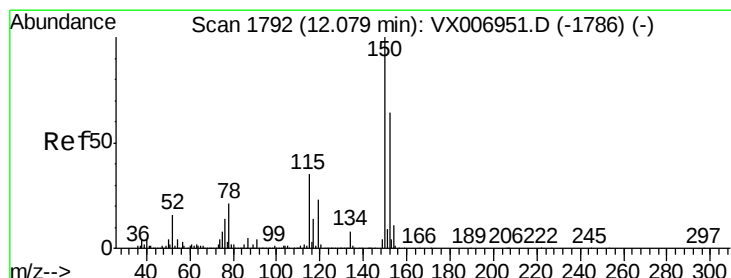
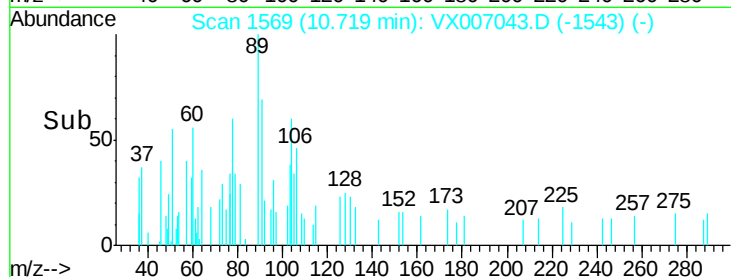
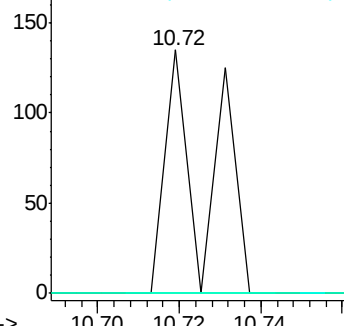
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VX007043.D

Acq: 14 Jan 2019 16:56

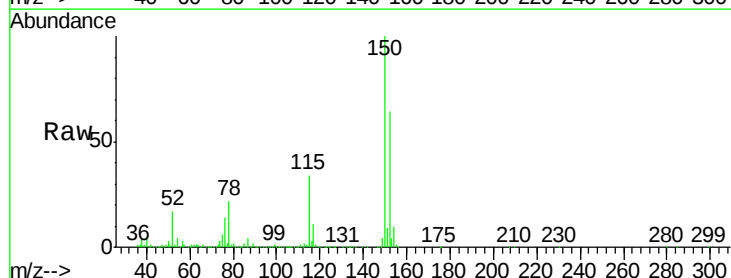
Tgt Ion:152 Resp: 427562

Ion Ratio Lower Upper

152 100

115 54.5 39.1 117.2

150 155.9 0.0 344.8



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

