

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006973.D
 Acq On : 09 Jan 2019 18:46
 Operator : JC/MD
 Sample : K1006-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-010819-G

Quant Time: Jan 10 02:39:36 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

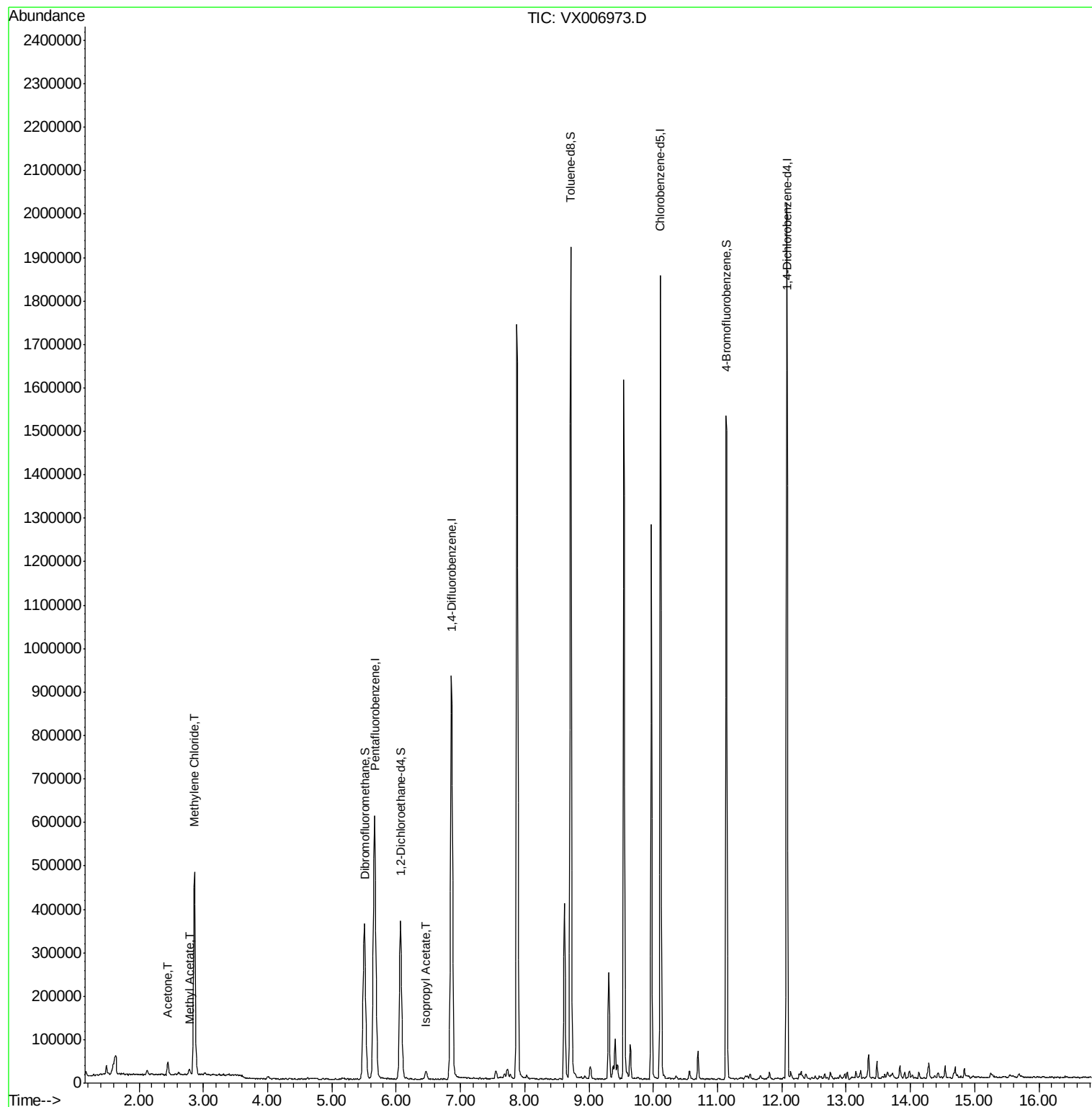
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	630130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	983660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	902541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	423727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	338466	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	5.51	113	301603	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	8.71	98	1163883	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	399128	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
16) Acetone	2.45	43	31940	9.811	ug/l	98
18) Methyl Acetate	2.78	43	18307	1.942	ug/l	95
20) Methylene Chloride	2.86	84	218790	35.165	ug/l	95
43) Isopropyl Acetate	6.46	43	25599	1.770	ug/l	99

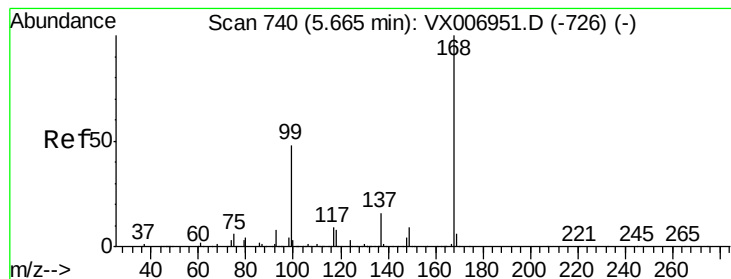
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006973.D

Acq: 09 Jan 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

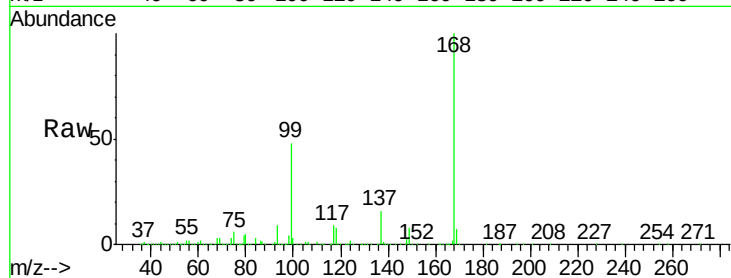
JC-03-010819-G

Tot Ion:168 Resp: 630130

Ion Ratio Lower Upper

168 100

99 48.3 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

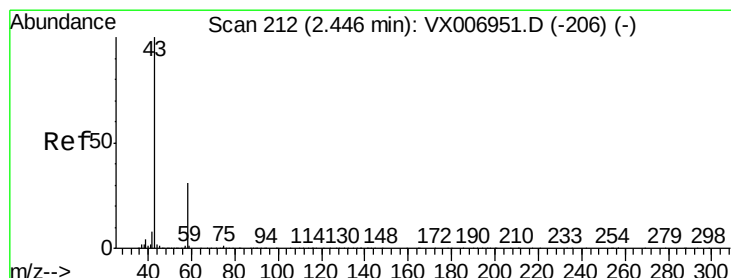
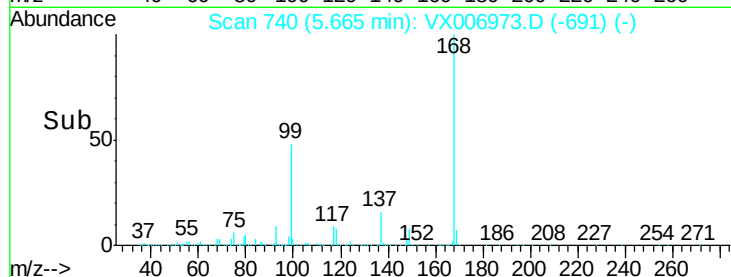
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.811 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006973.D

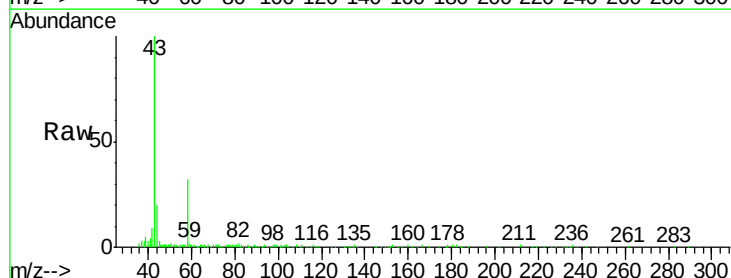
Acq: 09 Jan 2019 18:46

Tgt Ion: 43 Resp: 31940

Ion Ratio Lower Upper

43 100

58 32.1 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

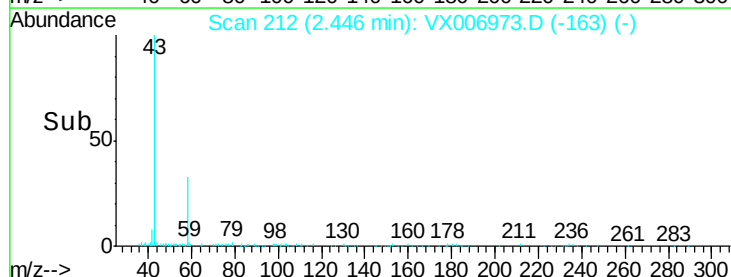
15000

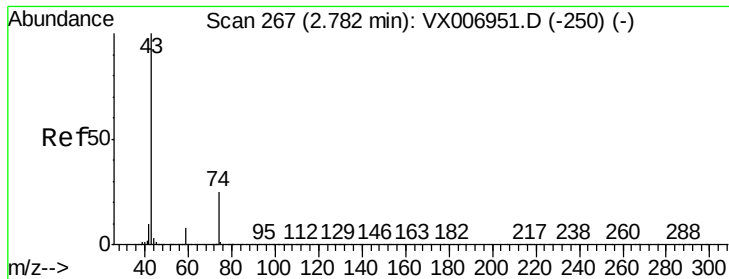
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

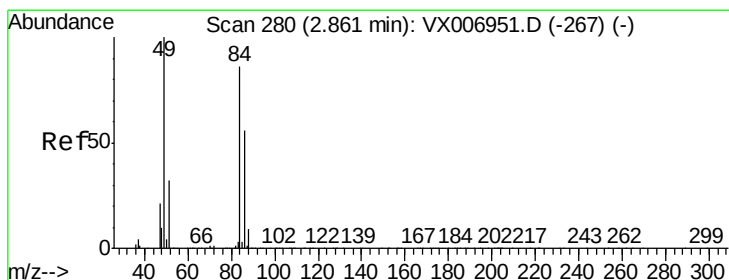
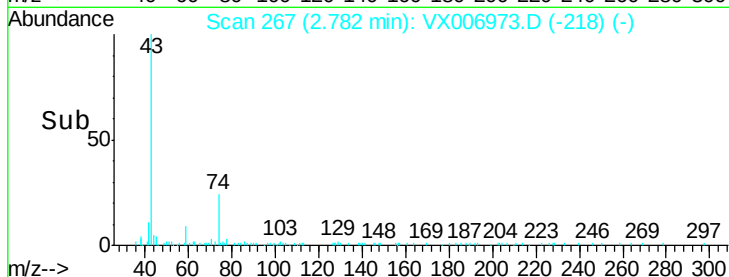
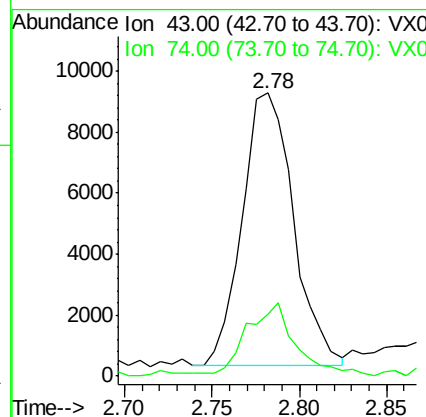
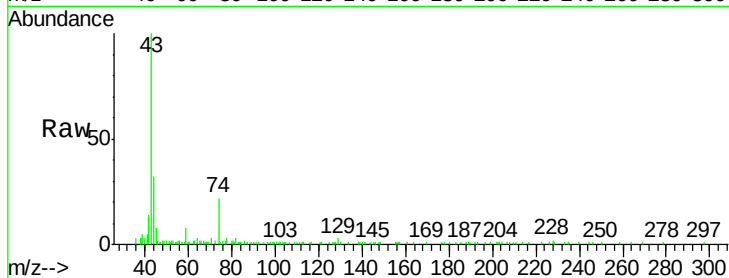




#18
Methyl Acetate
Concen: 1.942 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006973.D
Acq: 09 Jan 2019 18:46

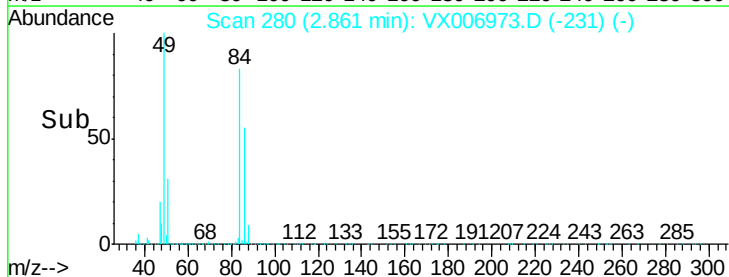
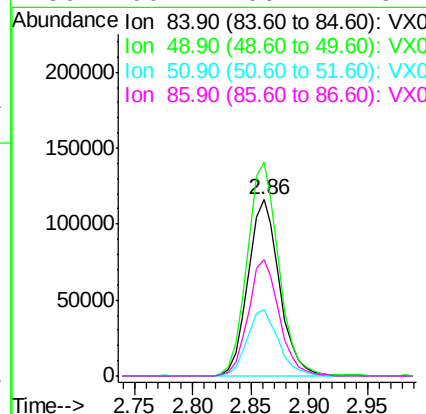
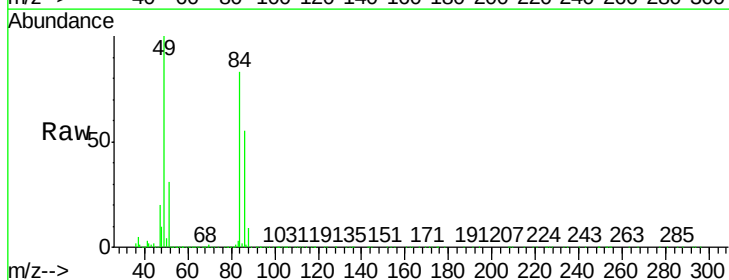
Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-G

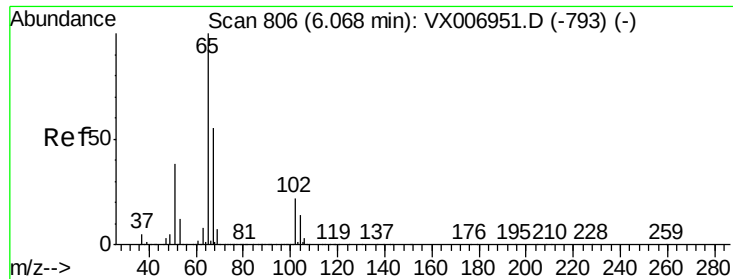
Tot Ion: 43 Resp: 18307
Ion Ratio Lower Upper
43 100
74 25.8 18.6 28.0



#20
Methylene Chloride
Concen: 35.165 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006973.D
Acq: 09 Jan 2019 18:46

Tgt Ion: 84 Resp: 218790
Ion Ratio Lower Upper
84 100
49 120.9 91.8 137.6
51 37.8 28.5 42.7
86 66.2 50.2 75.2

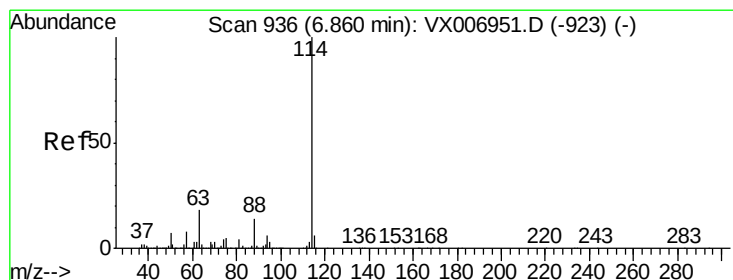
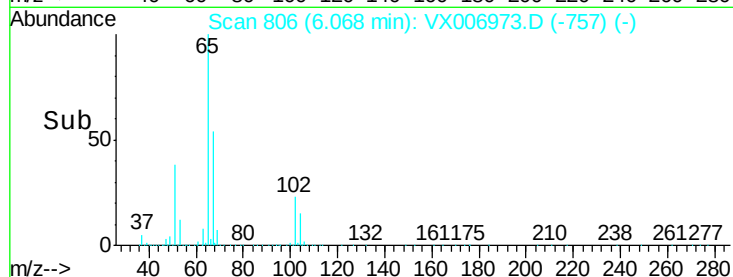
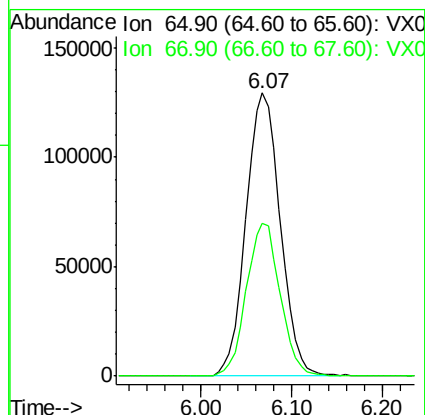
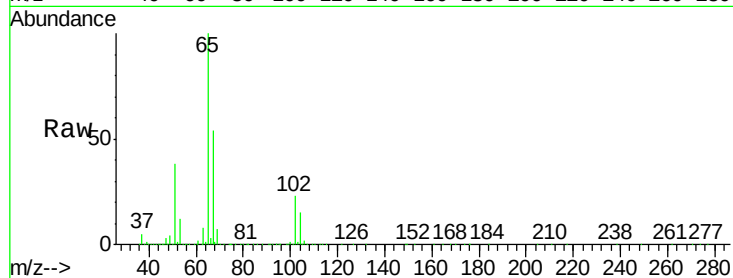




#33
 1,2-Dichloroethane-d4
 Concen: 51.396 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006973.D
 Acq: 09 Jan 2019 18:46

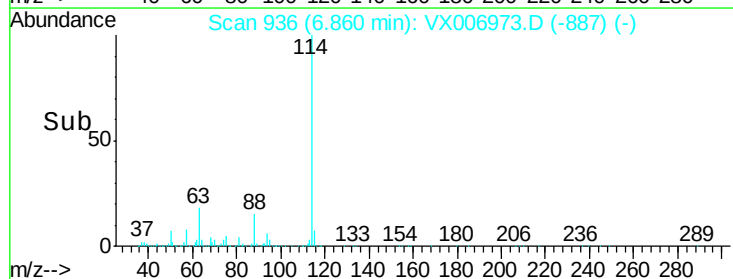
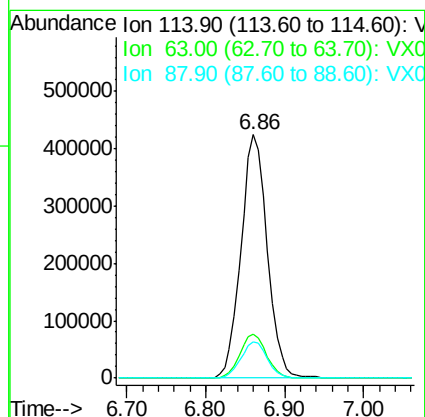
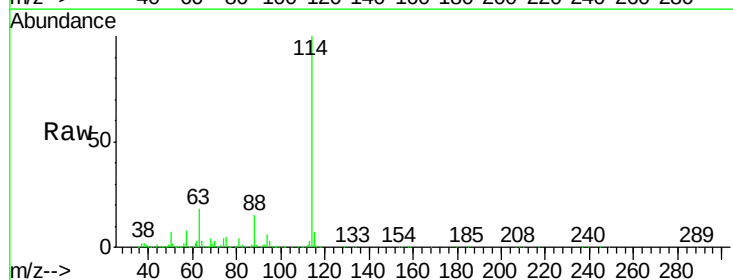
Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-010819-G

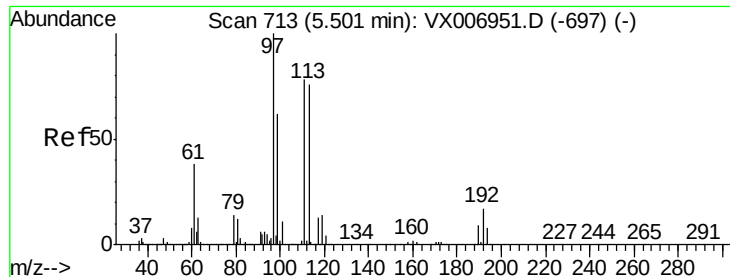
Tot Ion: 65 Resp: 338466
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006973.D
 Acq: 09 Jan 2019 18:46

Tgt Ion: 114 Resp: 983660
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.879 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006973.D

Acq: 09 Jan 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-G

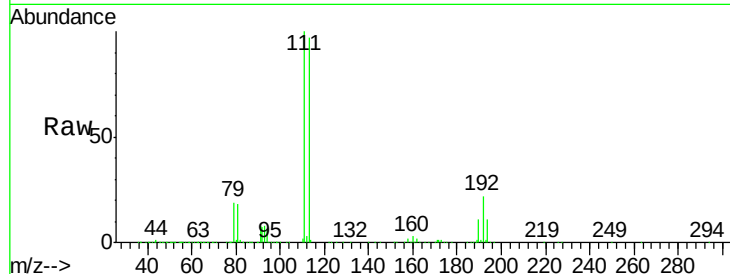
Tot Ion:113 Resp: 301603

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

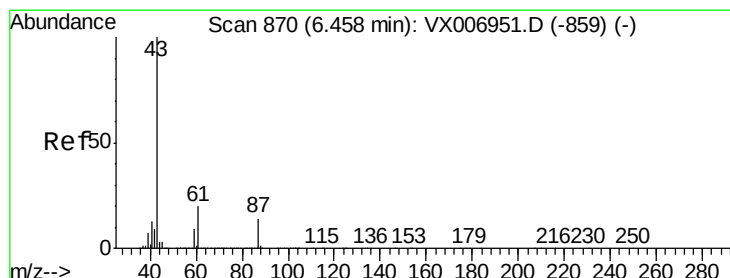
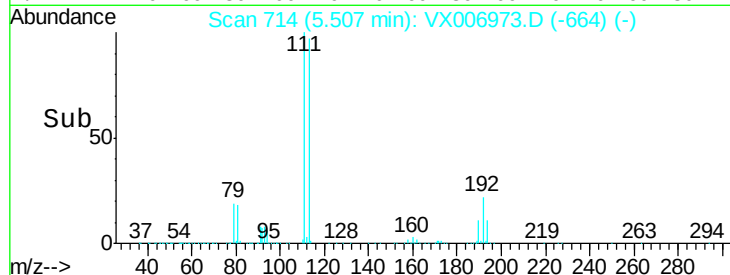
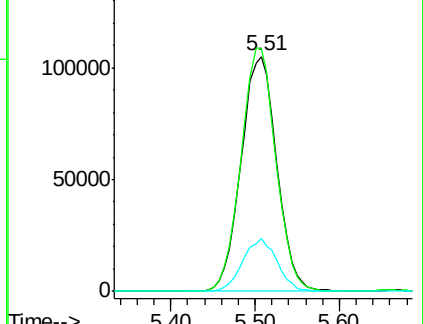
192 21.7 16.7 25.1



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: 1.770 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006973.D

Acq: 09 Jan 2019 18:46

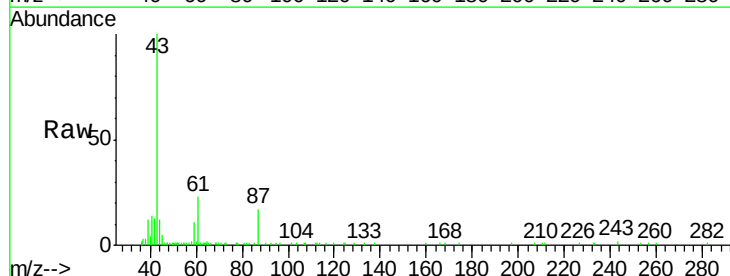
Tgt Ion: 43 Resp: 25599

Ion Ratio Lower Upper

43 100

61 20.7 16.8 25.2

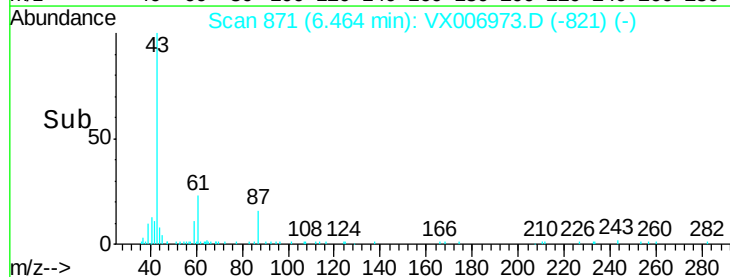
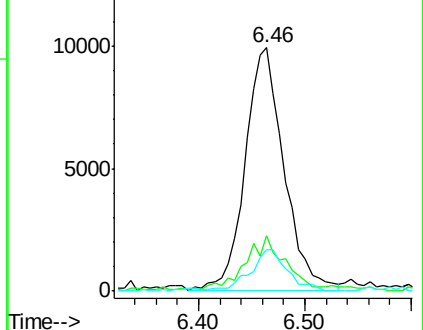
87 16.3 12.4 18.6

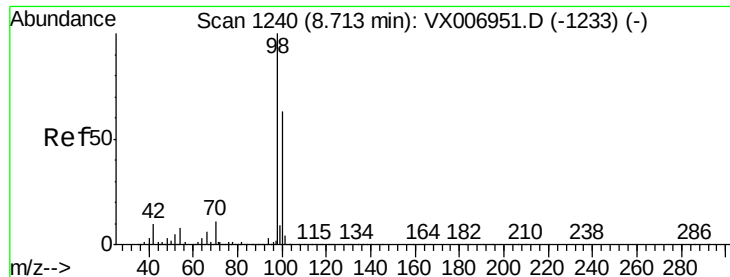


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.478 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006973.D

Acq: 09 Jan 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

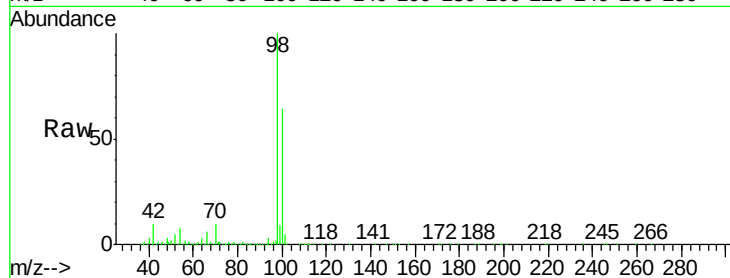
JC-03-010819-G

Tot Ion: 98 Resp: 1163883

Ion Ratio Lower Upper

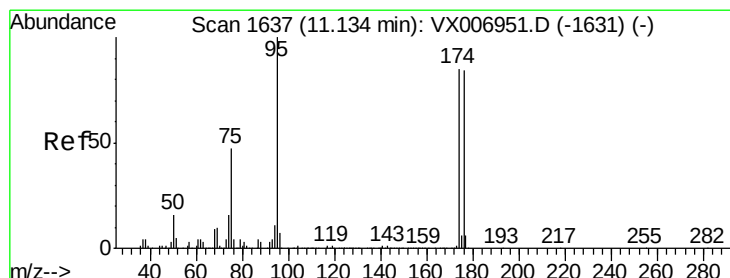
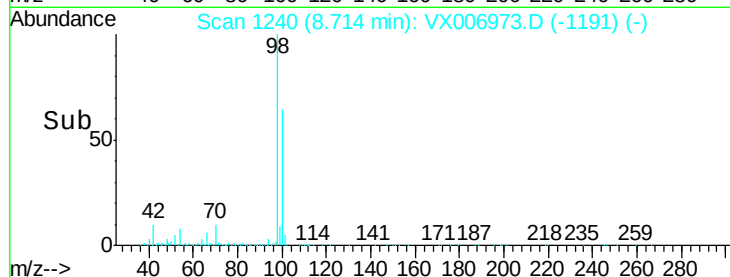
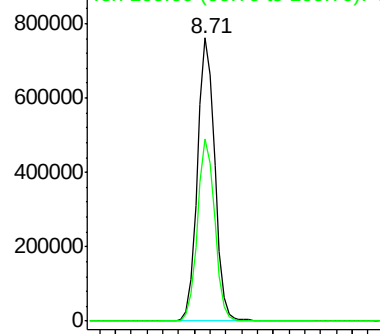
98 100

100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 49.653 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006973.D

Acq: 09 Jan 2019 18:46

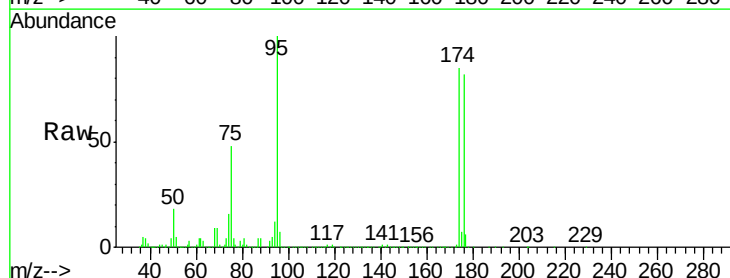
Tgt Ion: 95 Resp: 399128

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.2

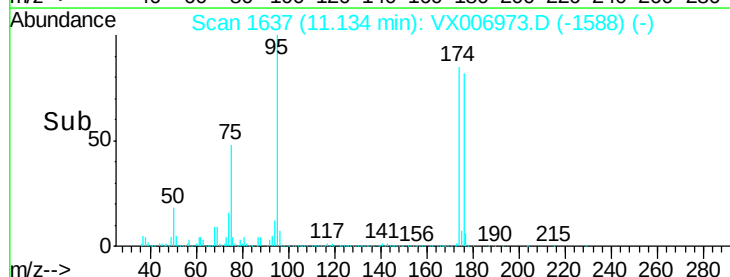
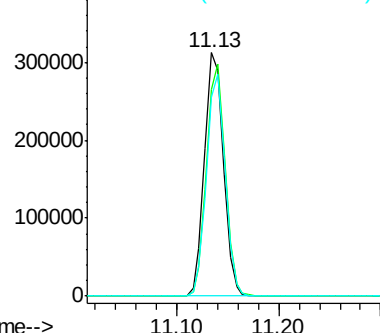
176 89.9 0.0 178.8

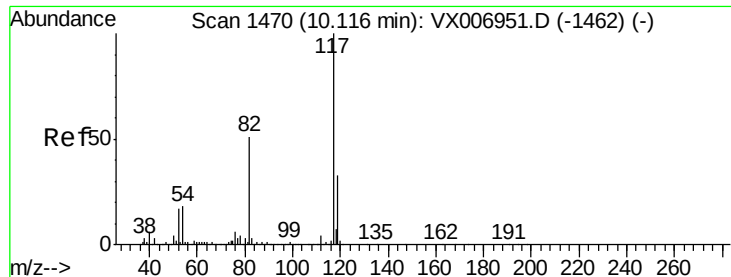


Abundance Ion 94.90 (94.60 to 95.60): VX0

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. -0.01 min

Lab File: VX006973.D

Acq: 09 Jan 2019 18:46

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-G

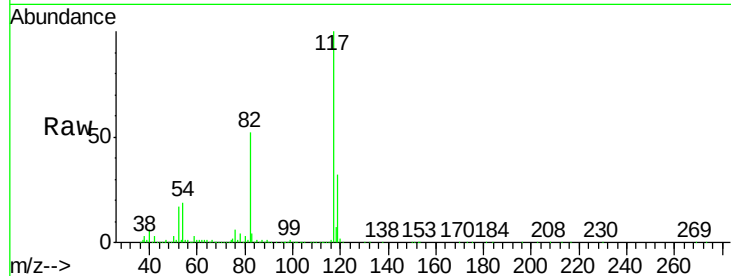
Tot Ion:117 Resp: 902541

Ion Ratio Lower Upper

117 100

82 51.9 41.0 61.6

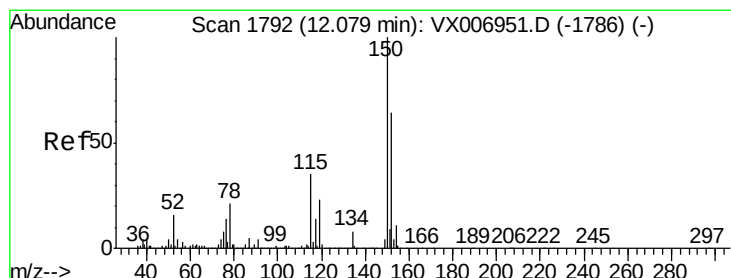
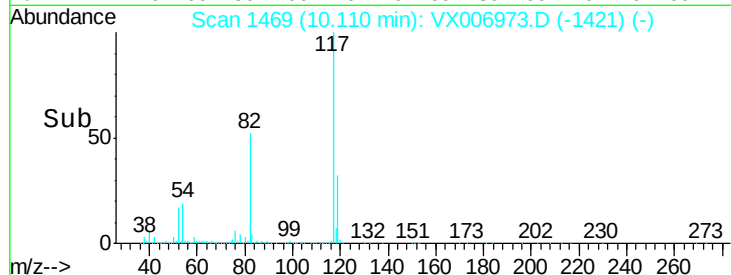
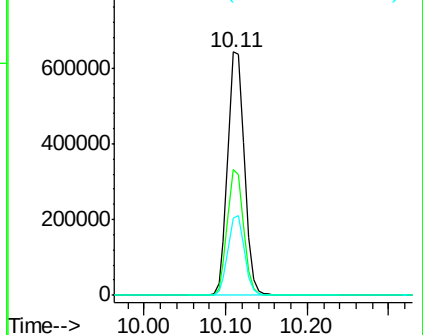
119 31.6 25.4 38.0



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: VX006973.D

Acq: 09 Jan 2019 18:46

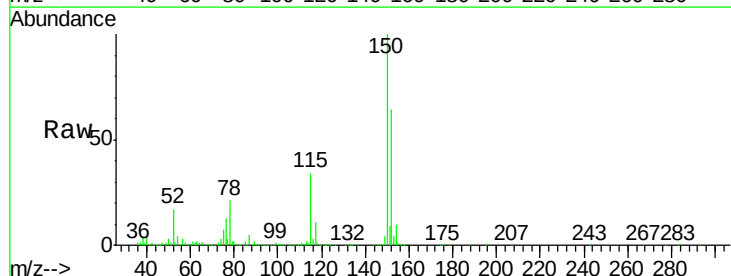
Tgt Ion:152 Resp: 423727

Ion Ratio Lower Upper

152 100

115 54.8 39.1 117.2

150 156.3 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

