

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006972.D
 Acq On : 09 Jan 2019 18:20
 Operator : JC/MD
 Sample : K1006-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 10 02:36:58 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

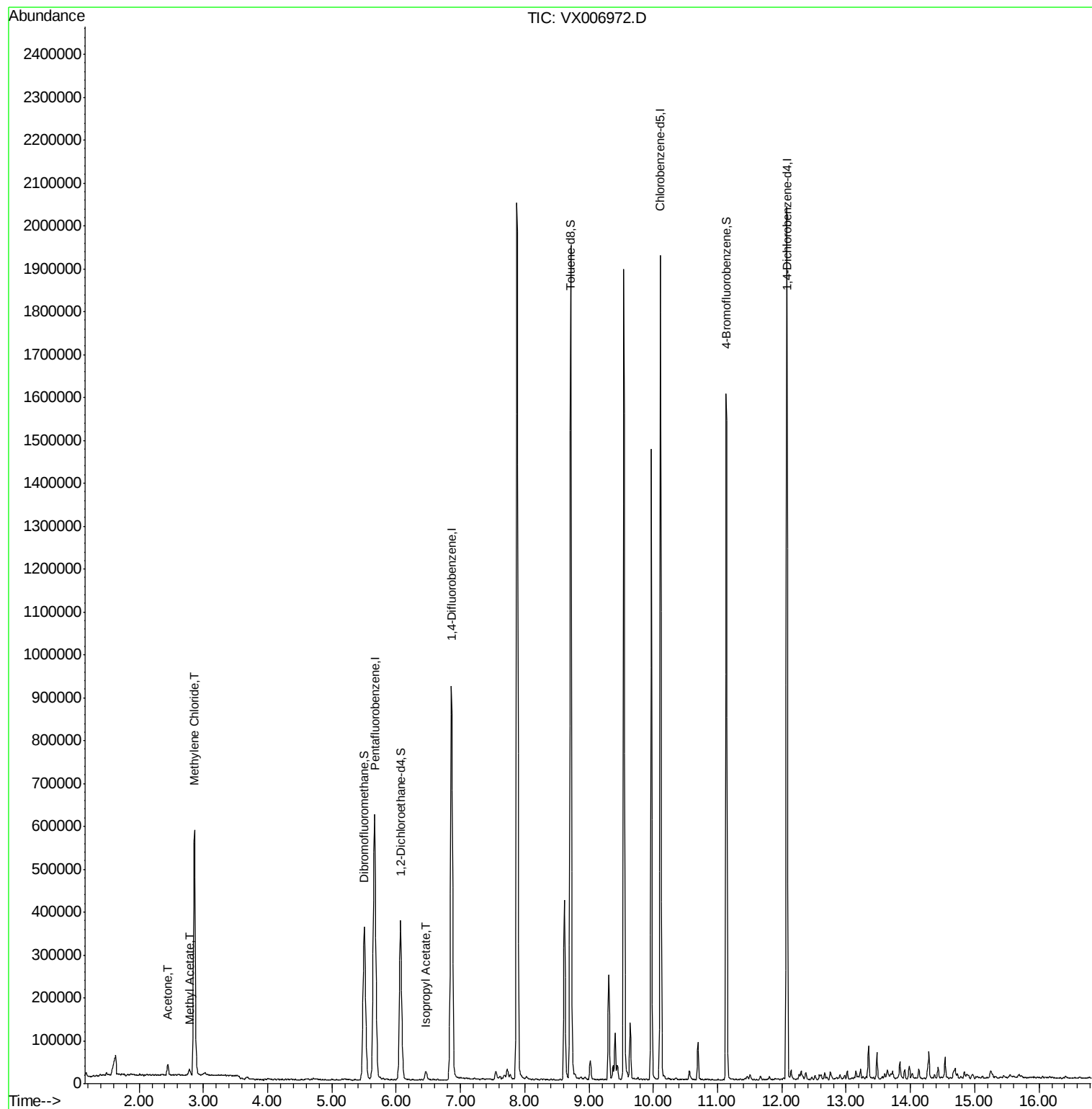
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	643511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	986514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	914750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	444163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	336773	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	5.50	113	302132	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	1180437	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.13	95	416235	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
Target Compounds						
16) Acetone	2.45	43	28215	8.486	ug/l	100
18) Methyl Acetate	2.78	43	17657	1.834	ug/l	97
20) Methylene Chloride	2.86	84	269614	42.551	ug/l	97
43) Isopropyl Acetate	6.46	43	27397	1.889	ug/l	99

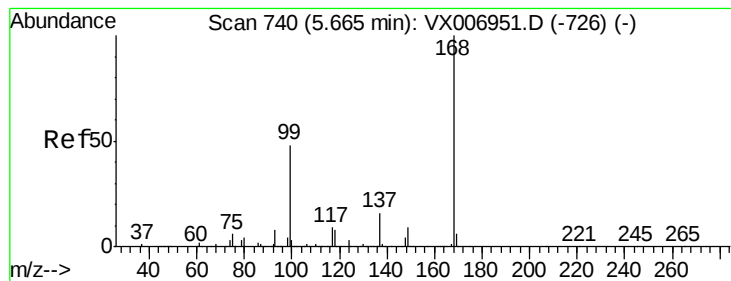
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006972.D

Acq: 09 Jan 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

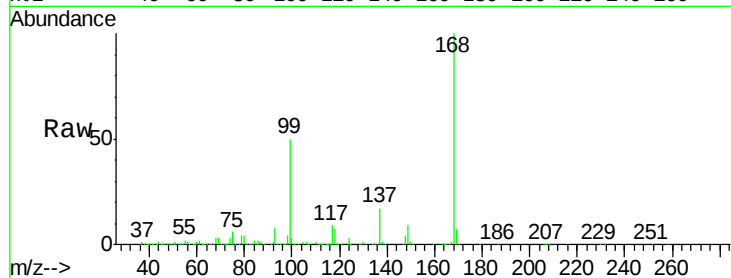
JC-03-010819-F

Tot Ion:168 Resp: 643511

Ion Ratio Lower Upper

168 100

99 50.1 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

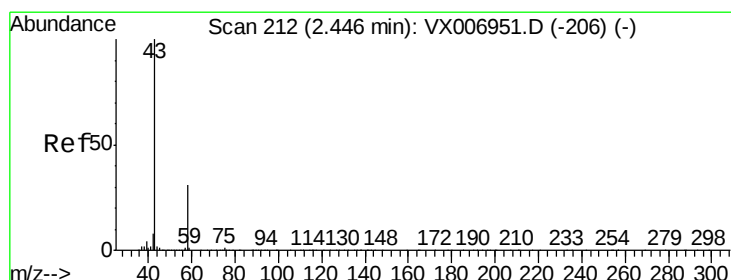
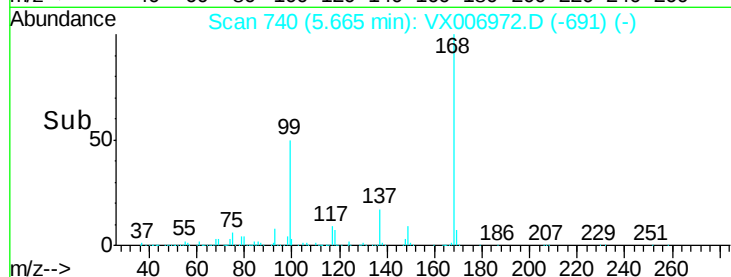
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.486 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006972.D

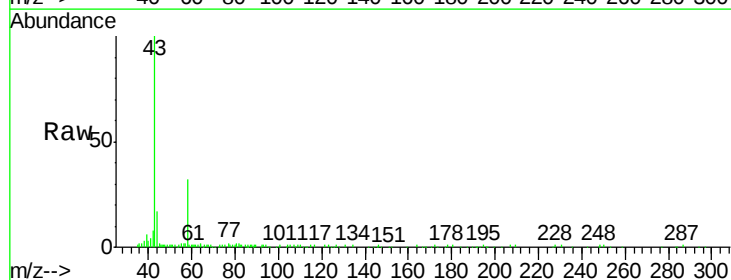
Acq: 09 Jan 2019 18:20

Tgt Ion: 43 Resp: 28215

Ion Ratio Lower Upper

43 100

58 31.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

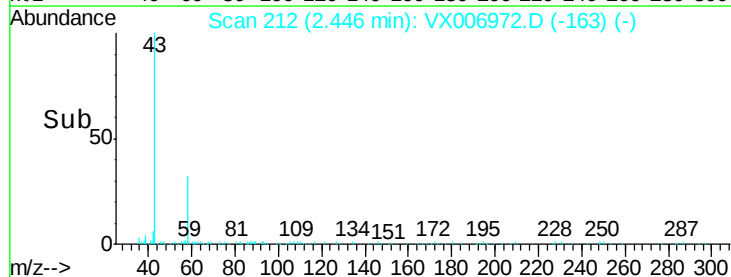
15000

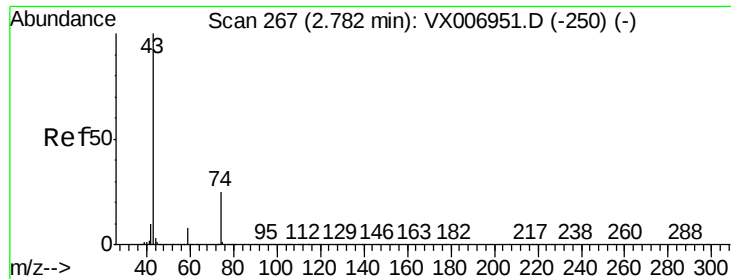
10000

5000

0

Time--> 2.40 2.45 2.50

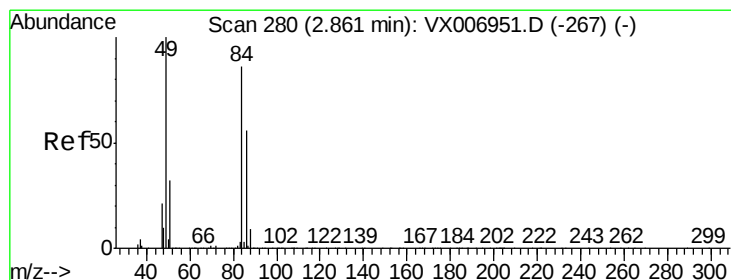
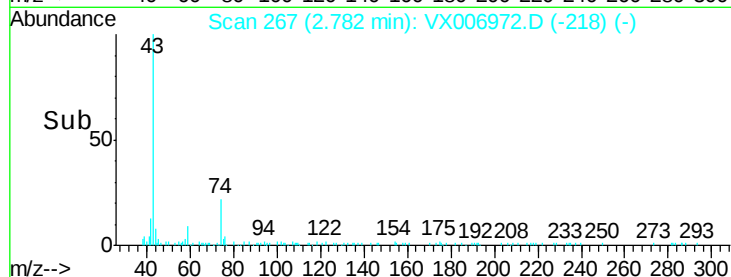
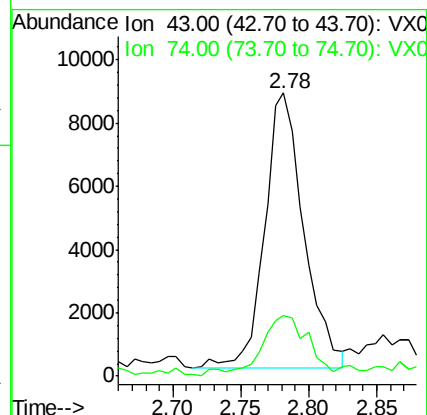
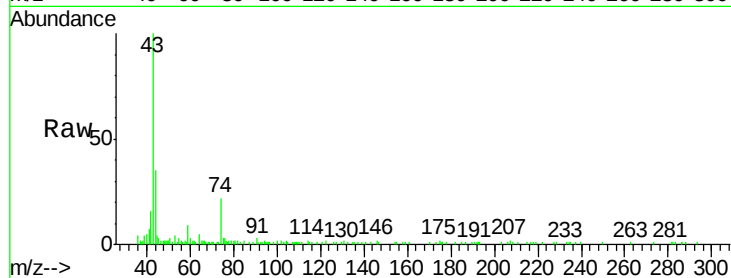




#18
Methyl Acetate
Concen: 1.834 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006972.D
Acq: 09 Jan 2019 18:20

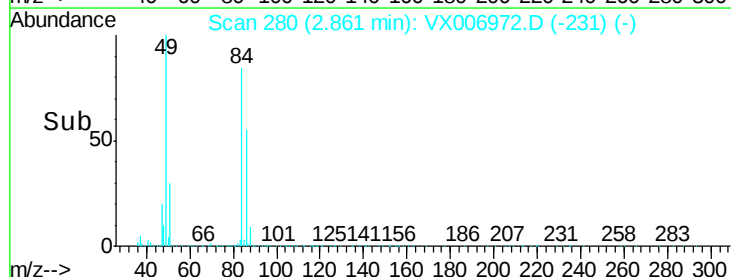
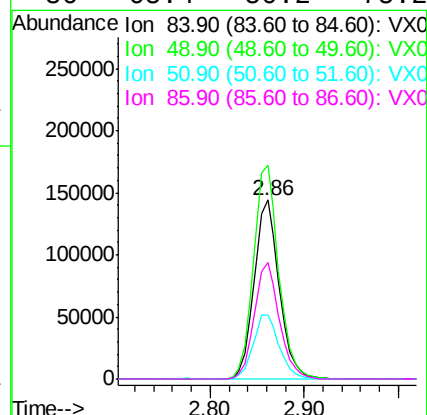
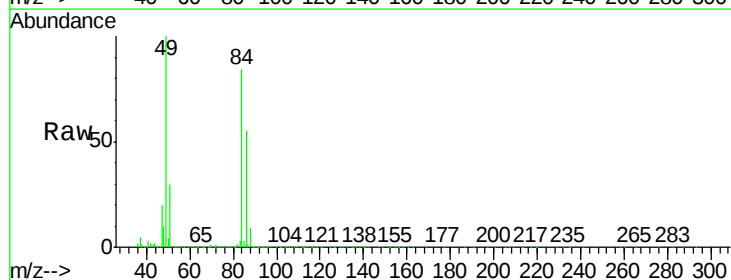
Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-F

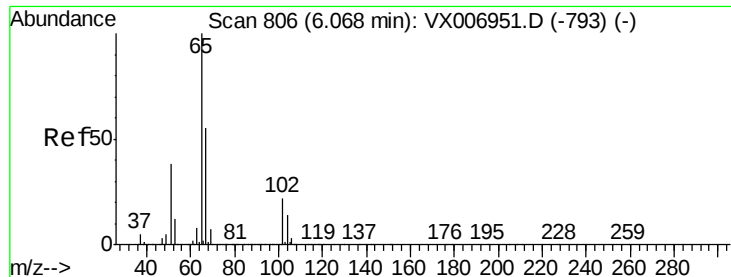
Tot Ion: 43 Resp: 17657
Ion Ratio Lower Upper
43 100
74 21.9 18.6 28.0



#20
Methylene Chloride
Concen: 42.551 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006972.D
Acq: 09 Jan 2019 18:20

Tgt Ion: 84 Resp: 269614
Ion Ratio Lower Upper
84 100
49 119.4 91.8 137.6
51 35.7 28.5 42.7
86 65.4 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 50.076 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006972.D

Acq: 09 Jan 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

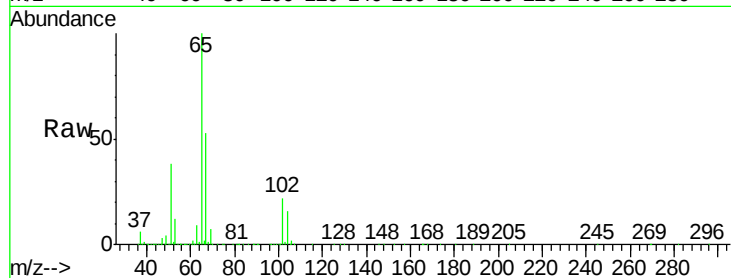
JC-03-010819-F

Tot Ion: 65 Resp: 336773

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

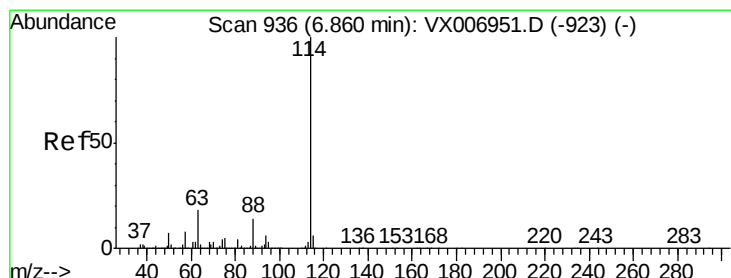
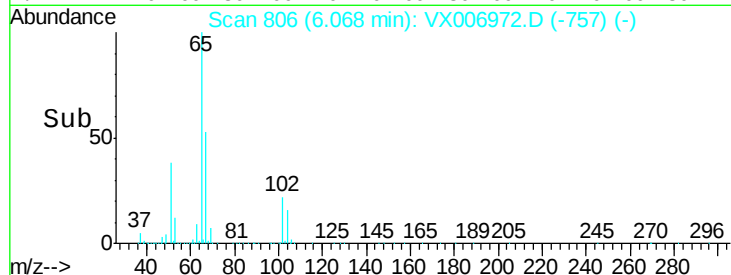
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006972.D

Acq: 09 Jan 2019 18:20

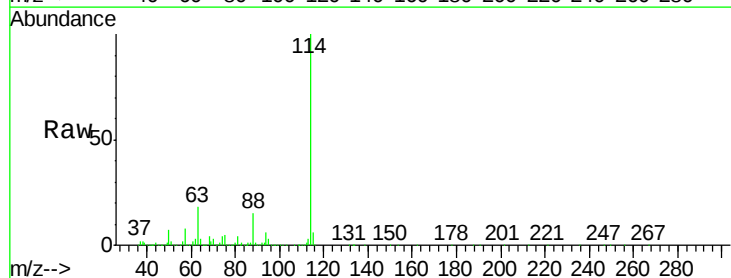
Tgt Ion: 114 Resp: 986514

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

88 15.0 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

6.86

500000

400000

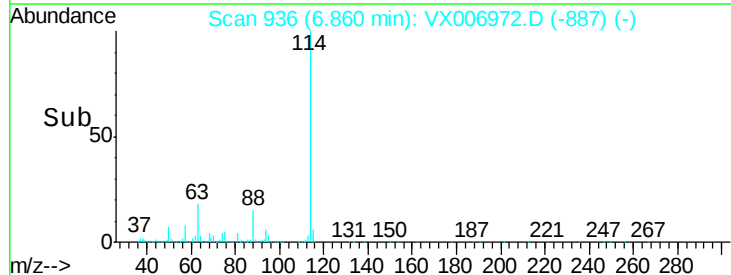
300000

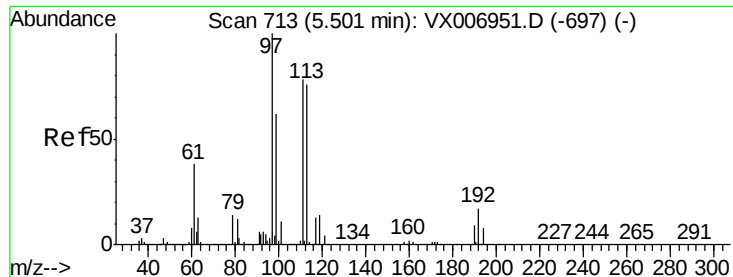
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.824 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006972.D

Acq: 09 Jan 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-F

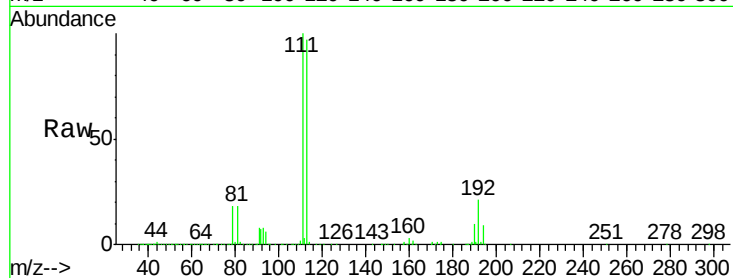
Tot Ion:113 Resp: 302132

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

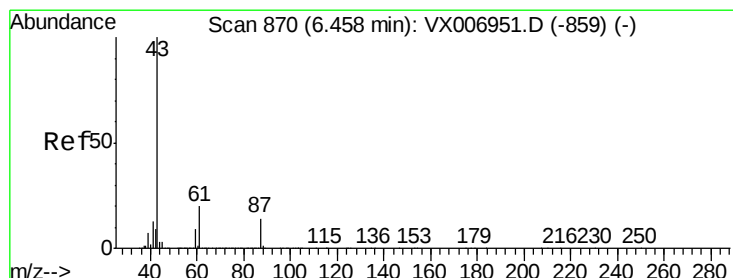
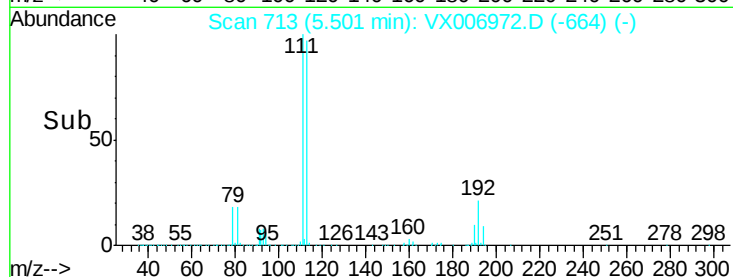
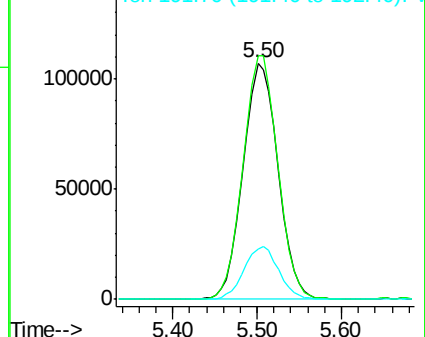
192 22.1 16.7 25.1



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: 1.889 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006972.D

Acq: 09 Jan 2019 18:20

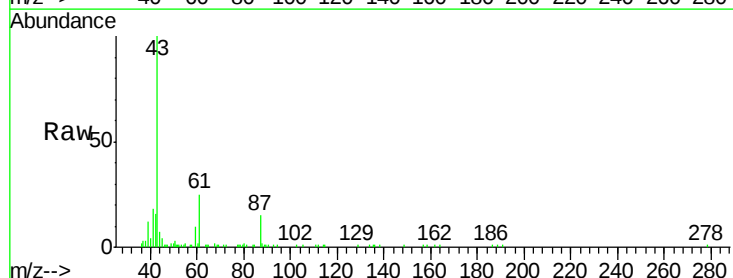
Tgt Ion: 43 Resp: 27397

Ion Ratio Lower Upper

43 100

61 21.6 16.8 25.2

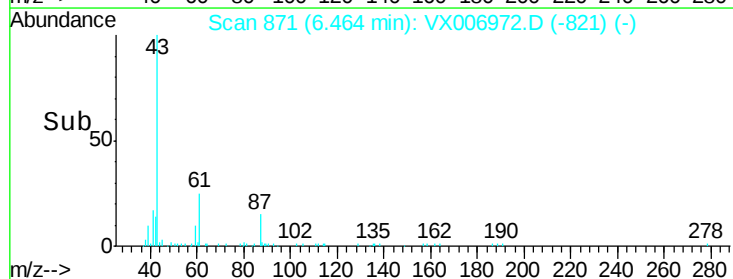
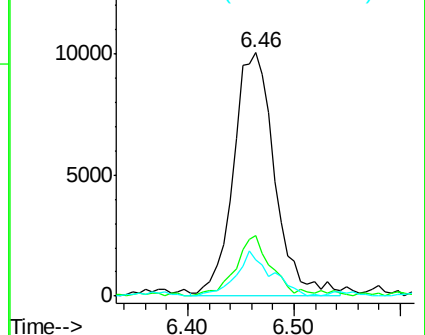
87 15.8 12.4 18.6

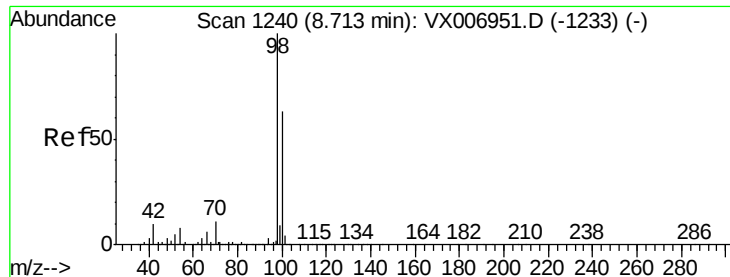


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.047 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006972.D

Acq: 09 Jan 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

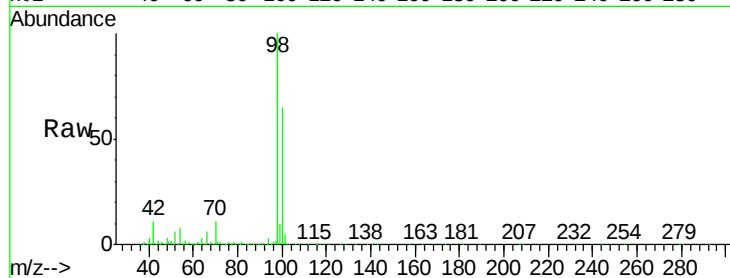
JC-03-010819-F

Tot Ion: 98 Resp: 1180437

Ion Ratio Lower Upper

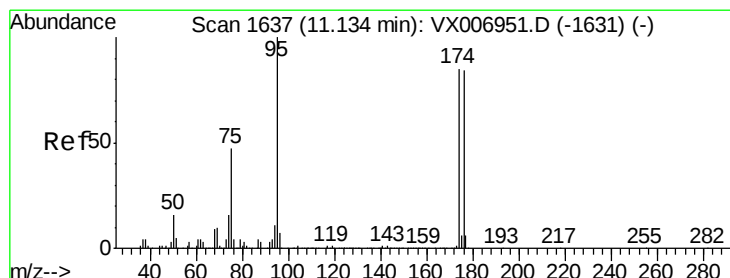
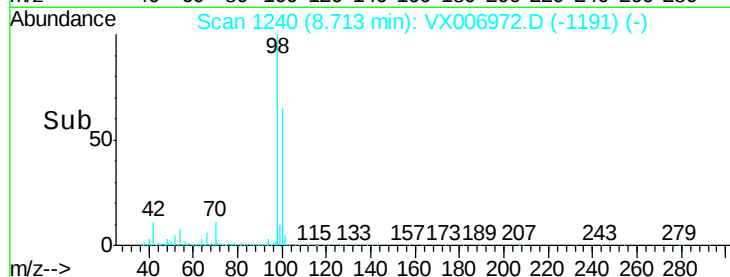
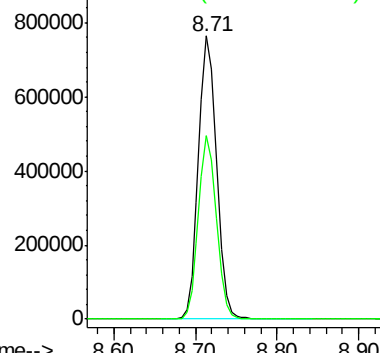
98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 51.631 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006972.D

Acq: 09 Jan 2019 18:20

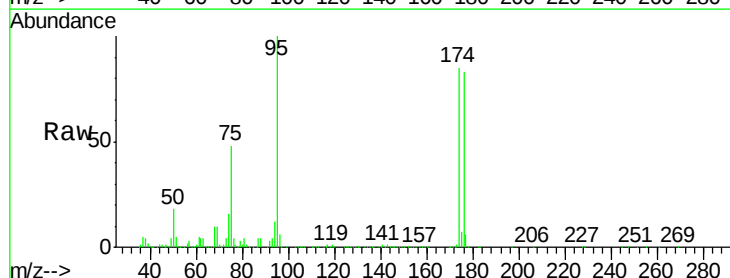
Tgt Ion: 95 Resp: 416235

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.2

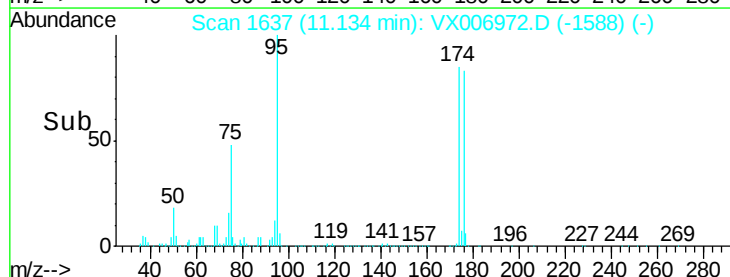
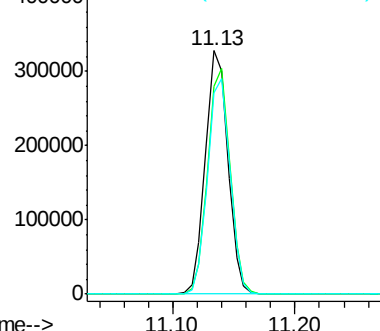
176 88.8 0.0 178.8

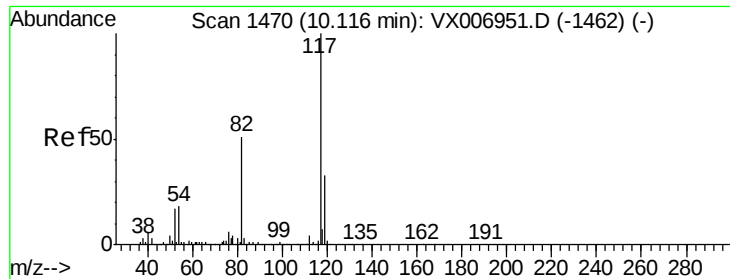


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

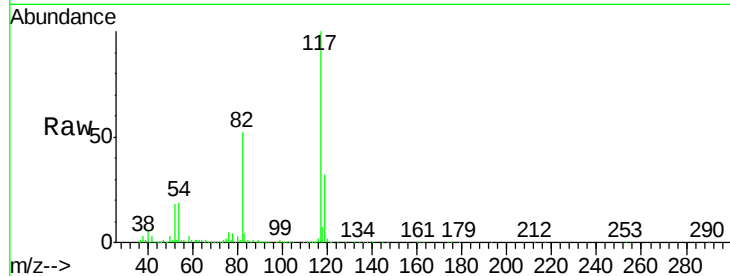




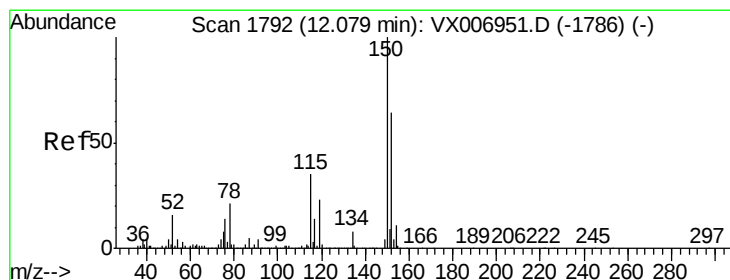
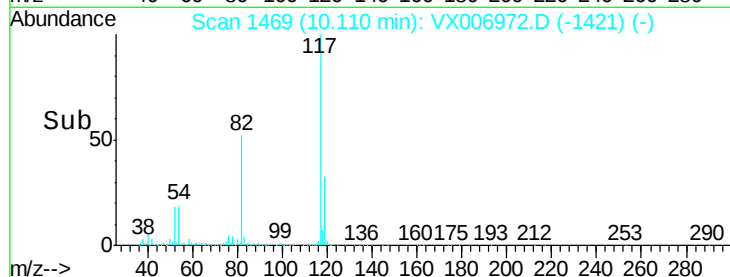
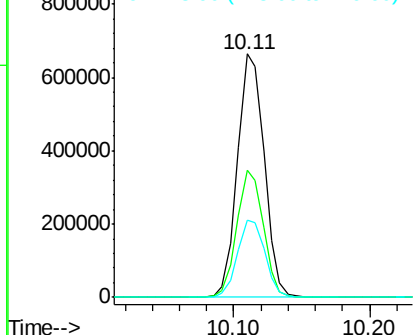
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006972.D
Acq: 09 Jan 2019 18:20

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

Tot Ion:117 Resp: 914750
Ion Ratio Lower Upper
117 100
82 52.4 41.0 61.6
119 32.0 25.4 38.0

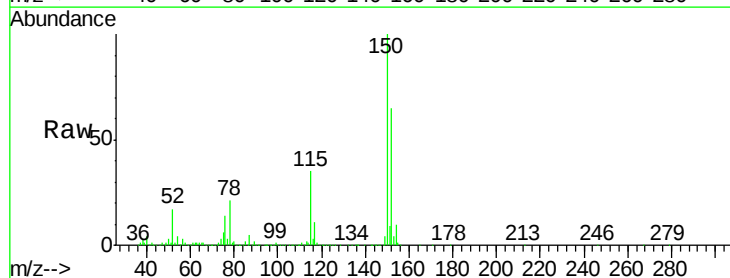


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006972.D
Acq: 09 Jan 2019 18:20

Tgt Ion:152 Resp: 444163
Ion Ratio Lower Upper
152 100
115 54.7 39.1 117.2
150 153.4 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

