

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006970.D
 Acq On : 09 Jan 2019 17:27
 Operator : JC/MD
 Sample : K1006-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 10 02:33:03 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

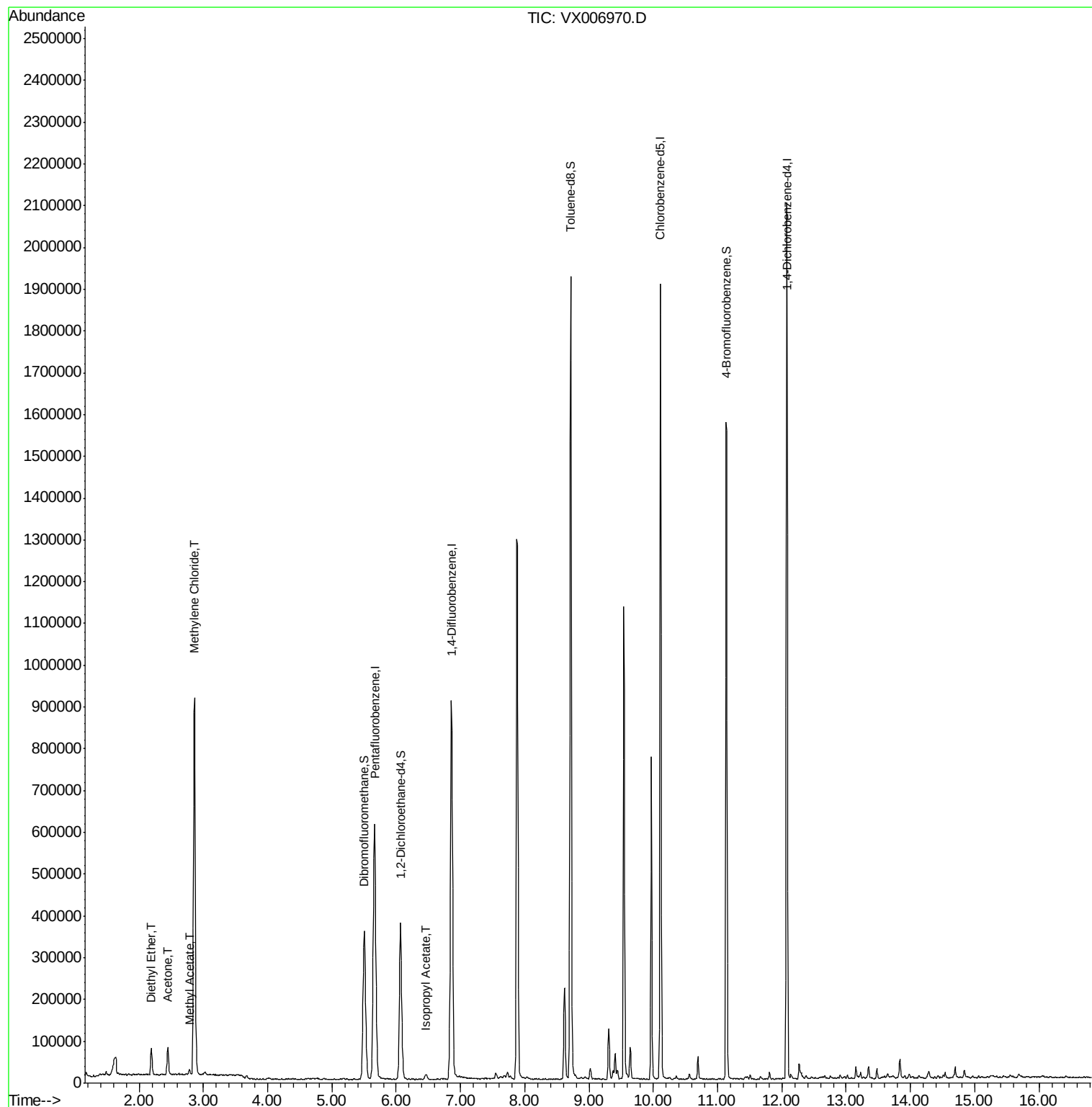
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	635705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	986061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	917708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	448152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	339436	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
35) Dibromofluoromethane	5.50	113	300315	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	8.71	98	1171540	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	418573	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
Target Compounds						
8) Diethyl Ether	2.19	74	23473	5.586	ug/l	98
16) Acetone	2.45	43	69846	21.266	ug/l	96
18) Methyl Acetate	2.78	43	15303	1.609	ug/l	94
20) Methylene Chloride	2.86	84	425554	68.329	ug/l	98
43) Isopropyl Acetate	6.47	43	17882	1.233	ug/l	99

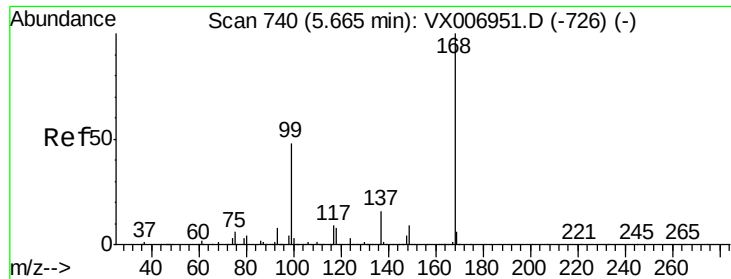
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006970.D

Acq: 09 Jan 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

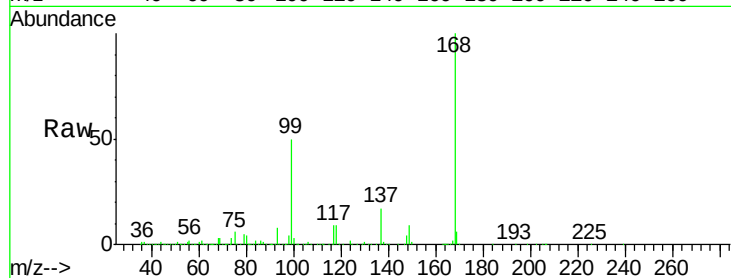
JC-03-010819-D

Tot Ion:168 Resp: 635705

Ion Ratio Lower Upper

168 100

99 49.8 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

200000

150000

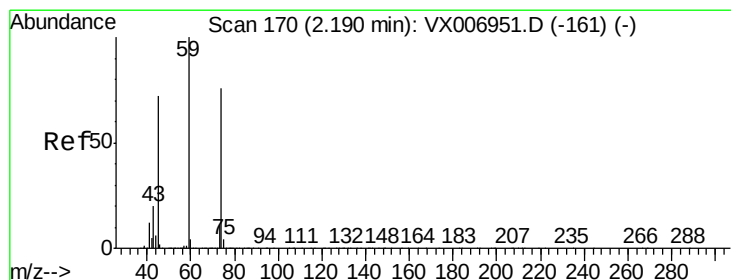
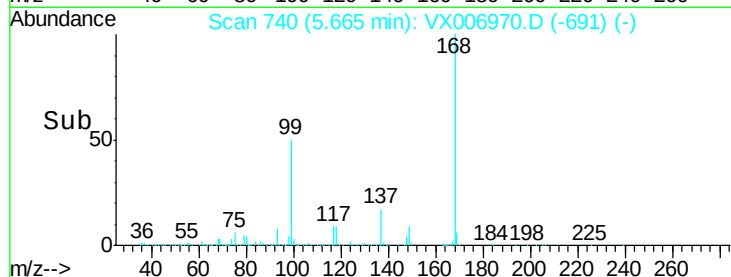
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 5.586 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX006970.D

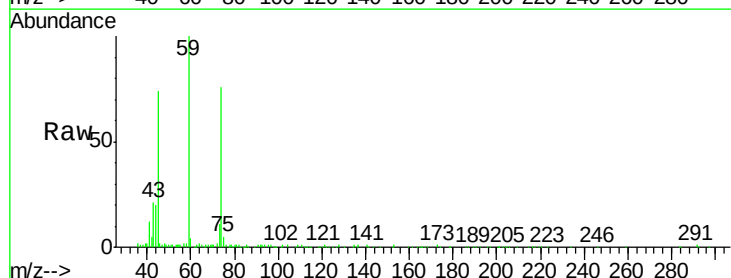
Acq: 09 Jan 2019 17:27

Tgt Ion: 74 Resp: 23473

Ion Ratio Lower Upper

74 100

45 90.3 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

15000

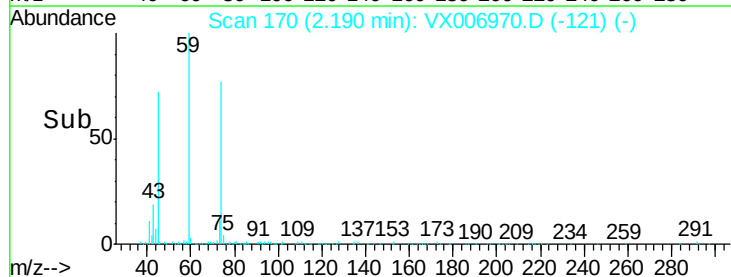
10000

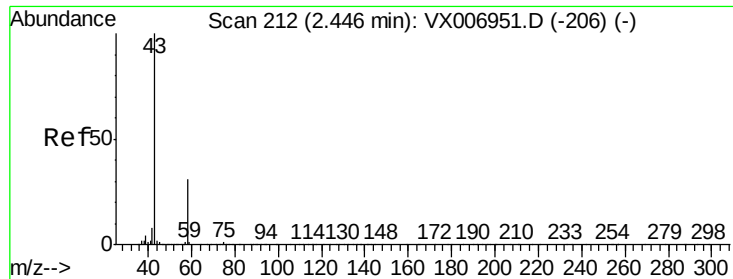
5000

0

Time-->

2.10 2.15 2.20 2.25





#16

Acetone

Concen: 21.266 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006970.D

Acq: 09 Jan 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

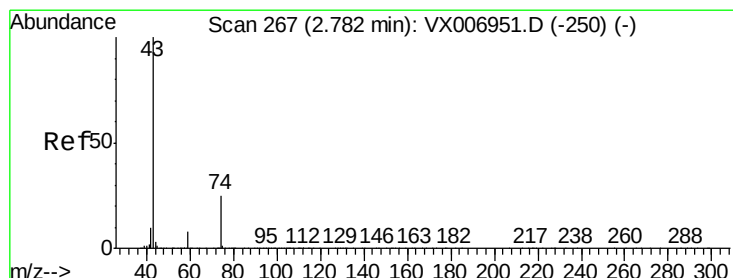
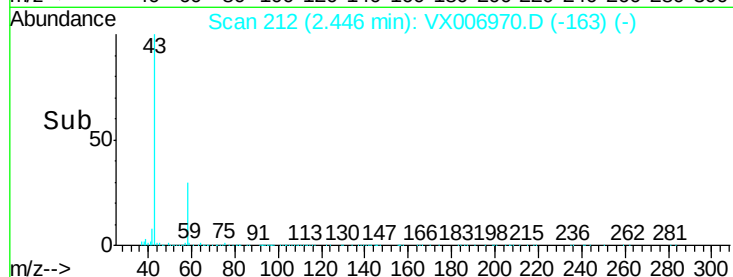
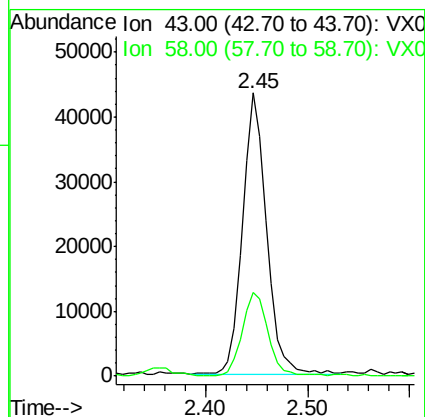
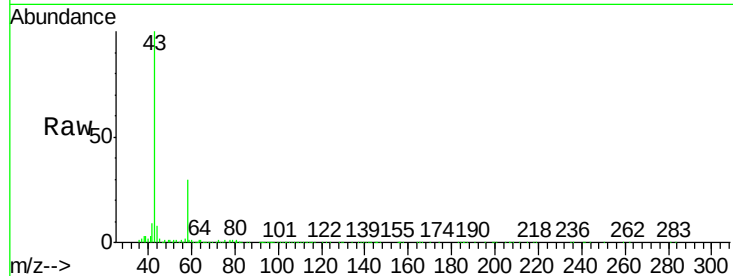
JC-03-010819-D

Tot Ion: 43 Resp: 69846

Ion Ratio Lower Upper

43 100

58 29.1 25.0 37.6



#18

Methyl Acetate

Concen: 1.609 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006970.D

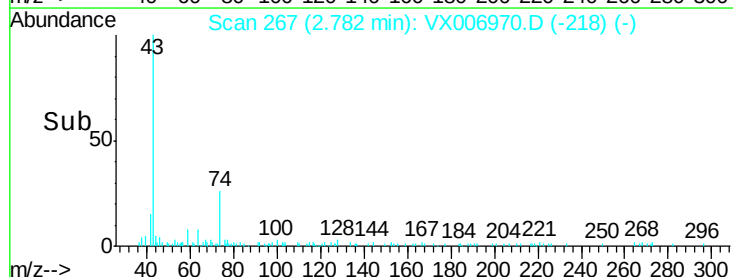
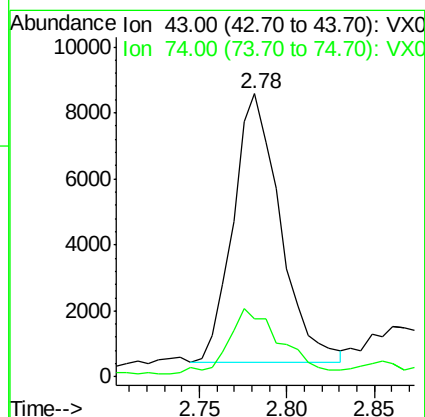
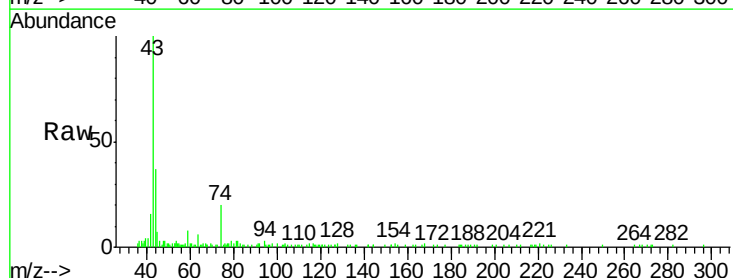
Acq: 09 Jan 2019 17:27

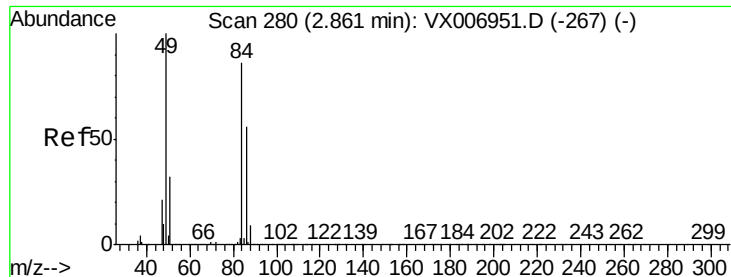
Tgt Ion: 43 Resp: 15303

Ion Ratio Lower Upper

43 100

74 26.3 18.6 28.0

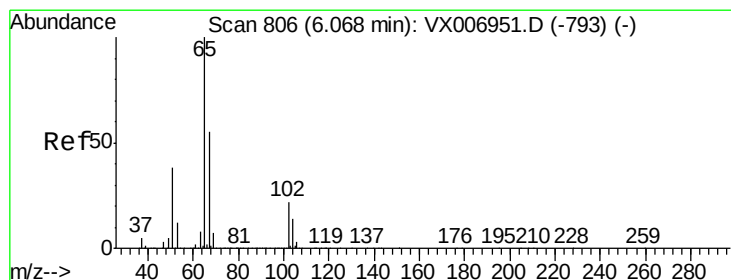
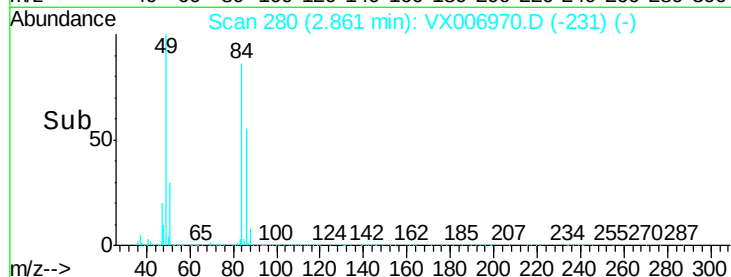
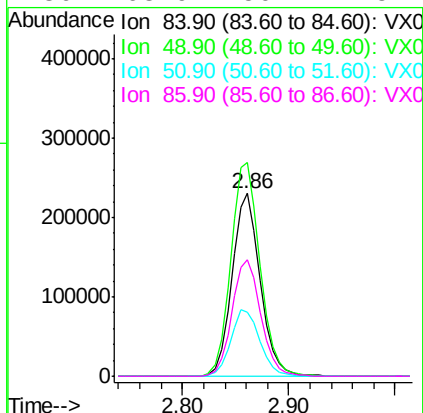
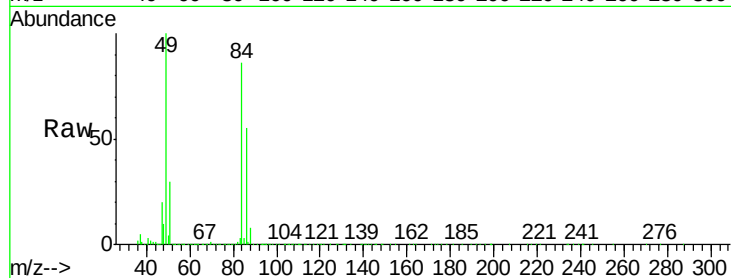




#20
Methylene Chloride
Concen: 68.329 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006970.D
Acq: 09 Jan 2019 17:27

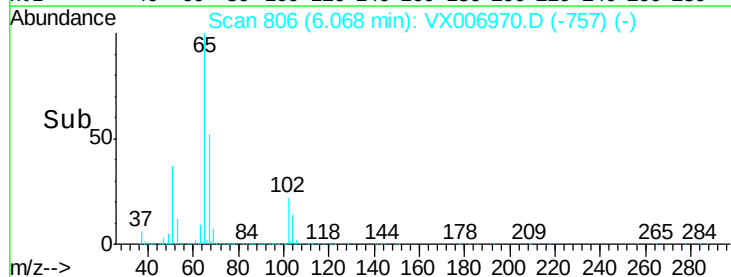
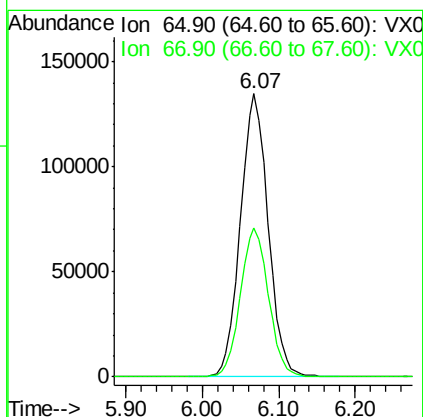
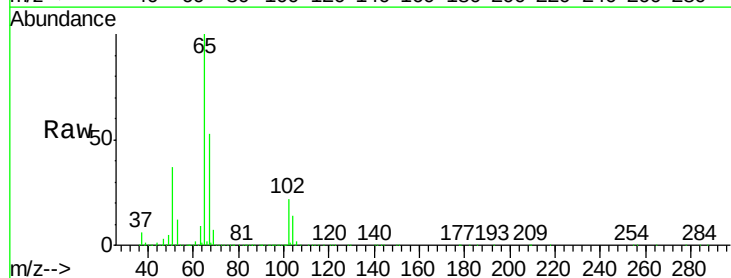
Instrument :
MSVOA_X
ClientSampleId :
JC-03-010819-D

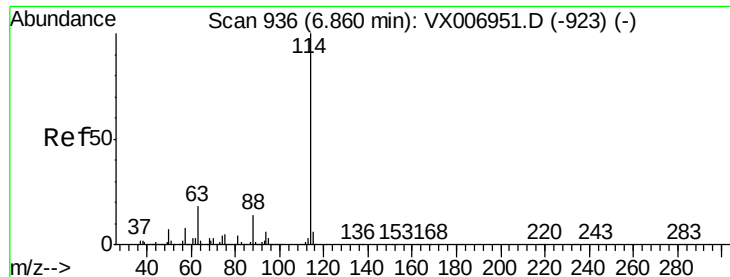
Tot Ion:	84	Resp:	425554
Ion	Ratio	Lower	Upper
84	100		
49	116.8	91.8	137.6
51	35.1	28.5	42.7
86	63.9	50.2	75.2



#33
1,2-Dichloroethane-d4
Concen: 51.092 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006970.D
Acq: 09 Jan 2019 17:27

Tgt Ion:	65	Resp:	339436
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.0

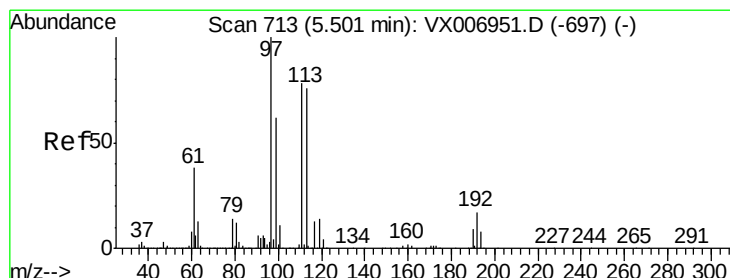
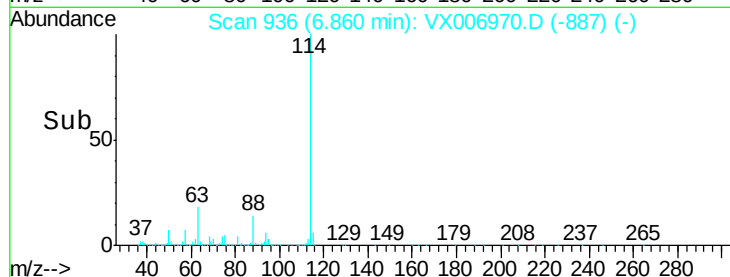
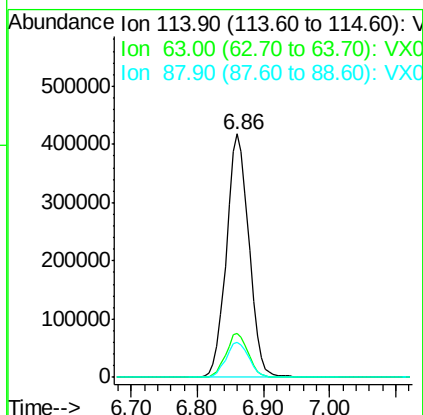
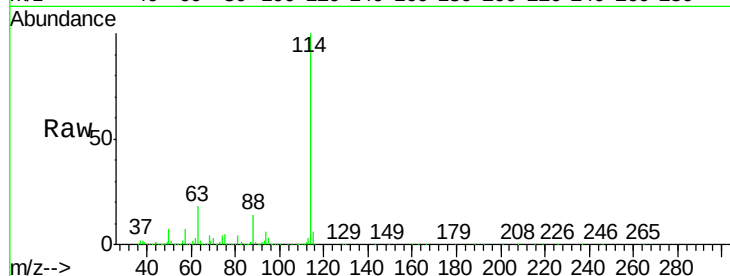




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006970.D
 Acq: 09 Jan 2019 17:27

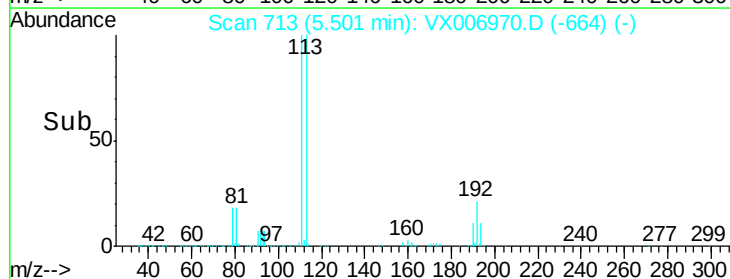
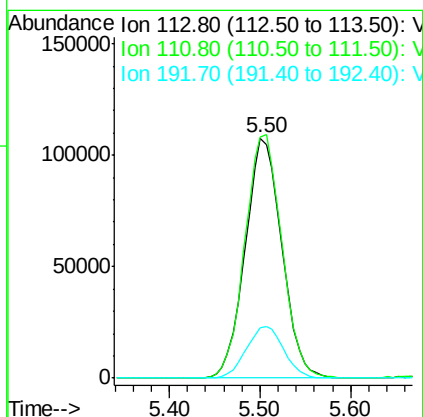
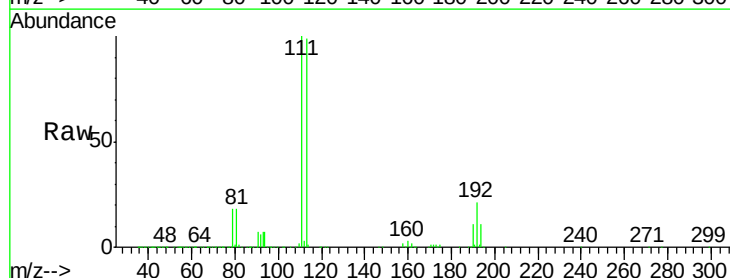
Instrument :
 MSVOA_X
 ClientSampleId :
 JC-03-010819-D

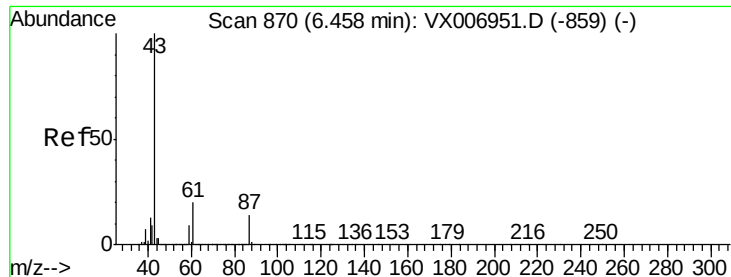
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.8
88	14.4	0.0	28.8



#35
 Dibromofluoromethane
 Concen: 47.558 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006970.D
 Acq: 09 Jan 2019 17:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	22.0	16.7	25.1





#43

Isopropyl Acetate

Concen: 1.233 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX006970.D

Acq: 09 Jan 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-D

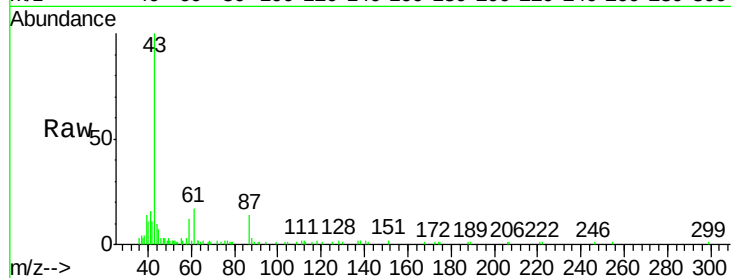
Tot Ion: 43 Resp: 17882

Ion Ratio Lower Upper

43 100

61 20.0 16.8 25.2

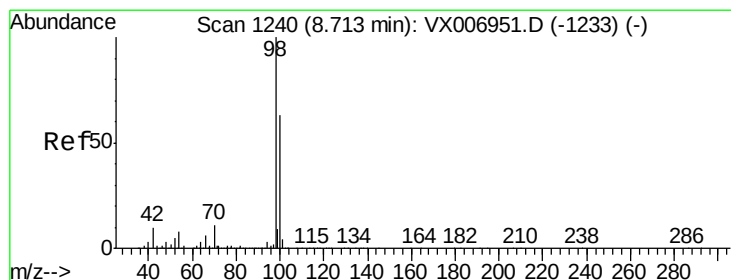
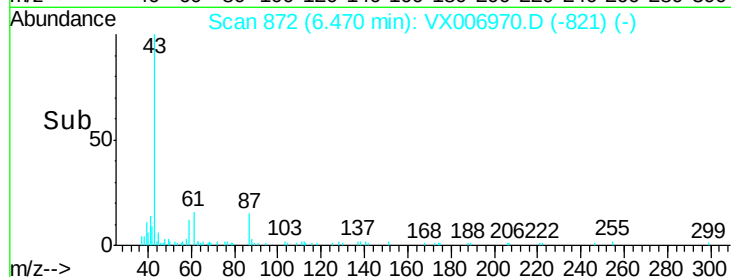
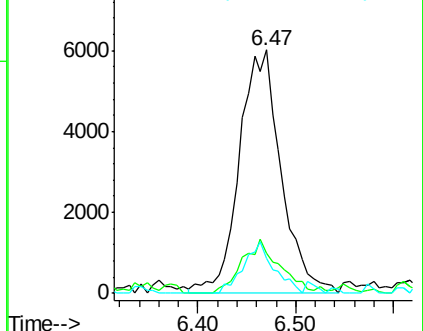
87 15.5 12.4 18.6



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: 50.686 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006970.D

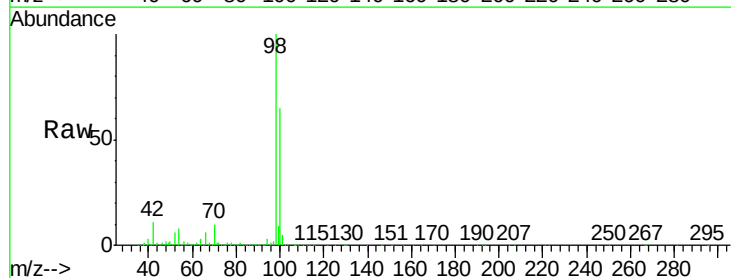
Acq: 09 Jan 2019 17:27

Tgt Ion: 98 Resp: 1171540

Ion Ratio Lower Upper

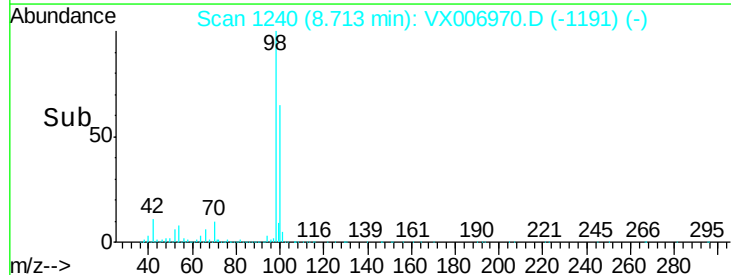
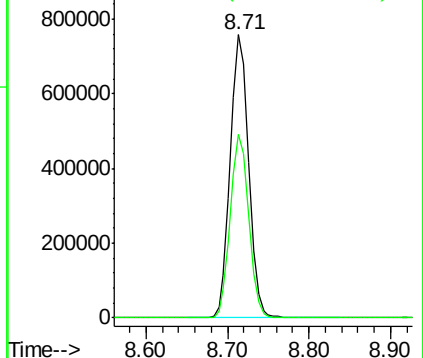
98 100

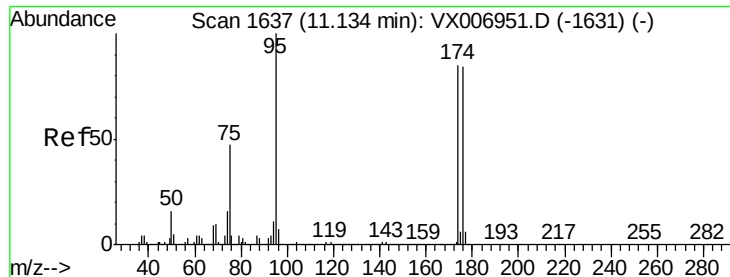
100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

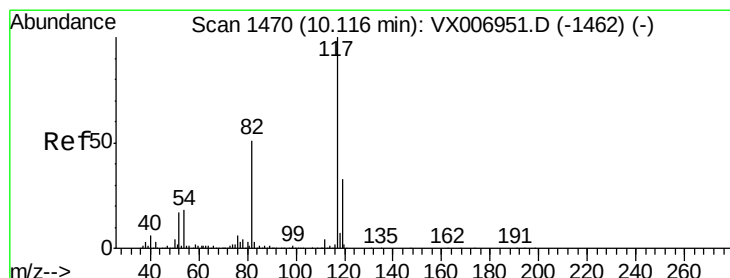
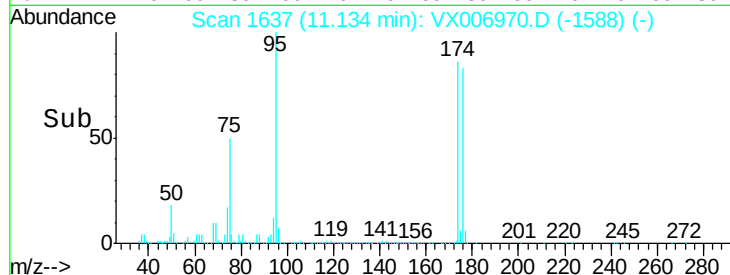
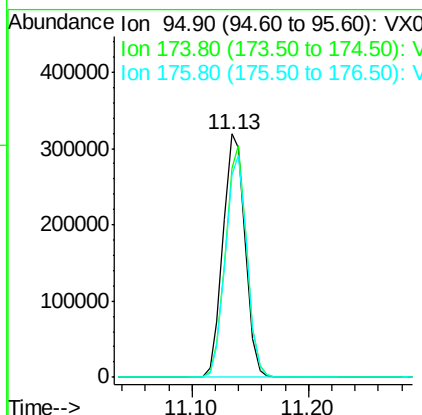
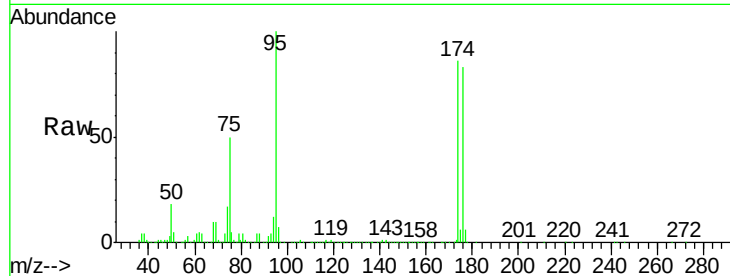




#62
4-Bromofluorobenzene
Concen: 51.945 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006970.D
Acq: 09 Jan 2019 17:27

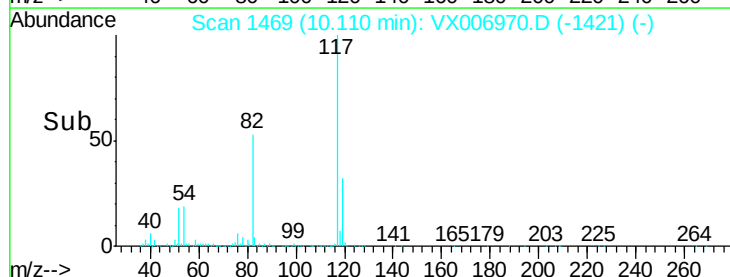
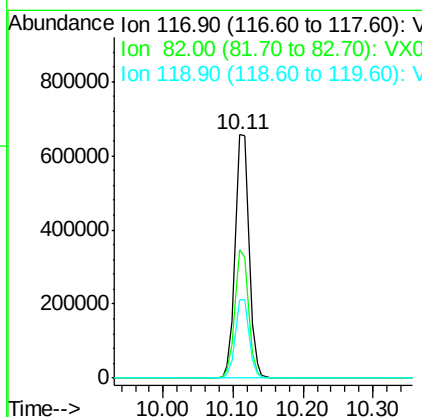
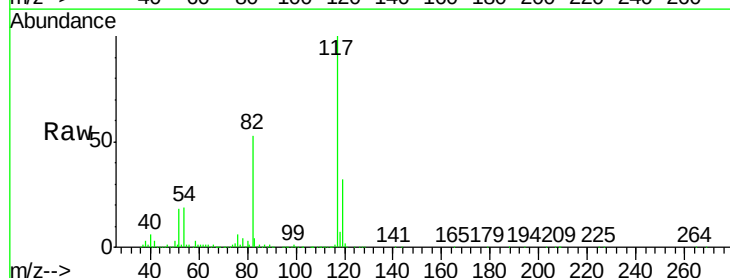
Instrument :
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ClientSampleId :
JC-03-010819-D

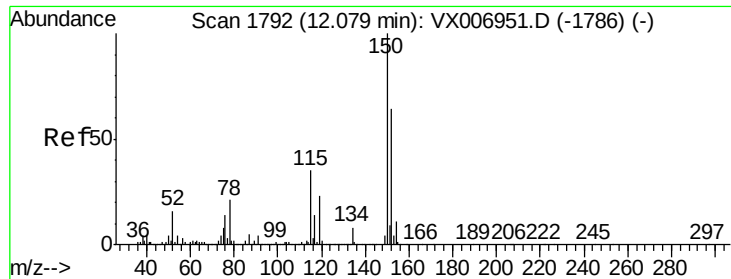
Tot Ion: 95 Resp: 418573
Ion Ratio Lower Upper
95 100
174 91.7 0.0 182.2
176 89.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006970.D
Acq: 09 Jan 2019 17:27

Tgt Ion: 117 Resp: 917708
Ion Ratio Lower Upper
117 100
82 52.7 41.0 61.6
119 32.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006970.D

Acq: 09 Jan 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

JC-03-010819-D

Tot Ion:152 Resp: 448152

Ion Ratio Lower Upper

152 100

115 55.5 39.1 117.2

150 155.3 0.0 344.8

