

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006643.D
 Acq On : 19 Dec 2018 18:04
 Operator : JC/MD
 Sample : J6484-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 977-FB121818

Quant Time: Dec 20 04:28:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

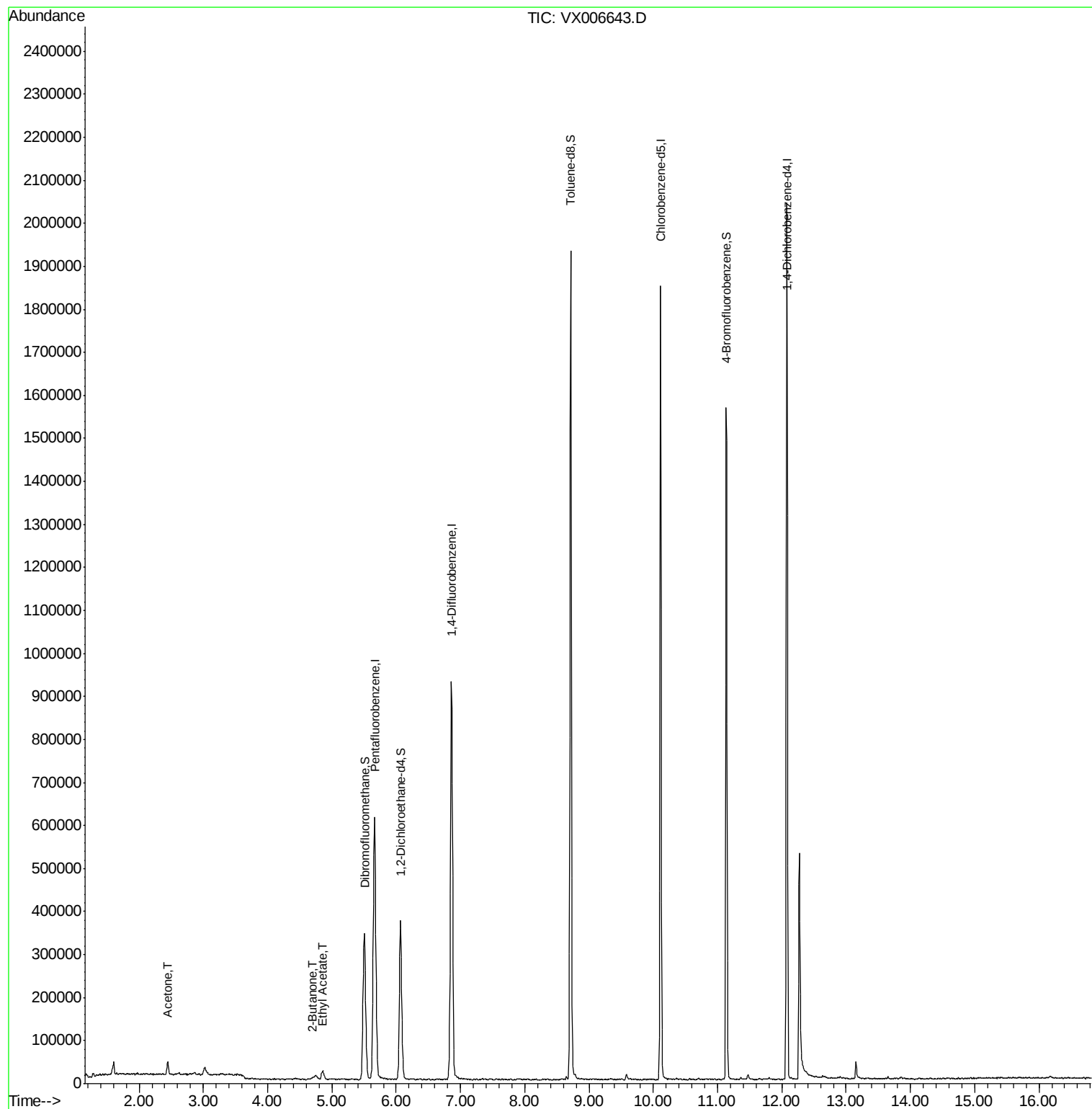
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	617574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	998762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	909724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	348431	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
35) Dibromofluoromethane	5.50	113	296264	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
50) Toluene-d8	8.71	98	1182213	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	425212	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
Target Compounds						
16) Acetone	2.45	43	31613	10.338	ug/l	Qvalue 100
25) 2-Butanone	4.70	43	10785	2.507	ug/l	96
37) Ethyl Acetate	4.85	43	37472	4.352	ug/l	98

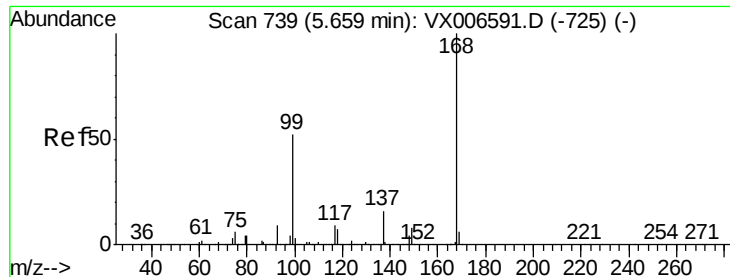
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006643.D

Acq: 19 Dec 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

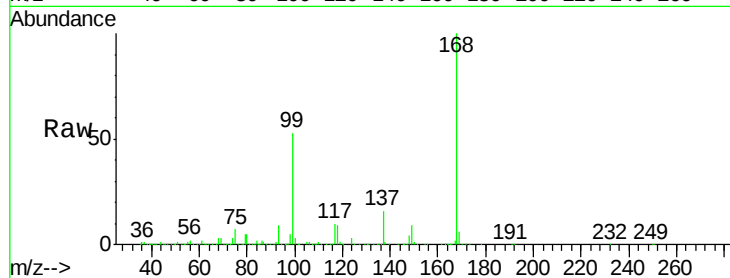
977-FB121818

Tot Ion:168 Resp: 617574

Ion Ratio Lower Upper

168 100

99 53.1 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

200000

150000

100000

50000

0

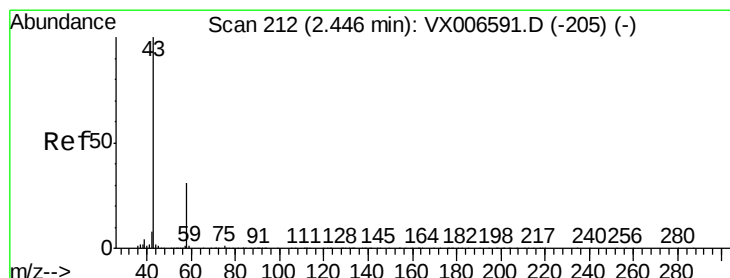
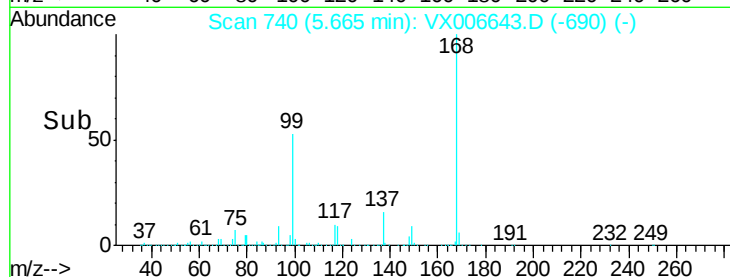
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 10.338 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006643.D

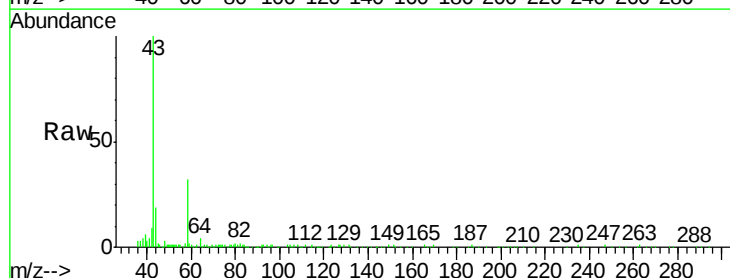
Acq: 19 Dec 2018 18:04

Tgt Ion: 43 Resp: 31613

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

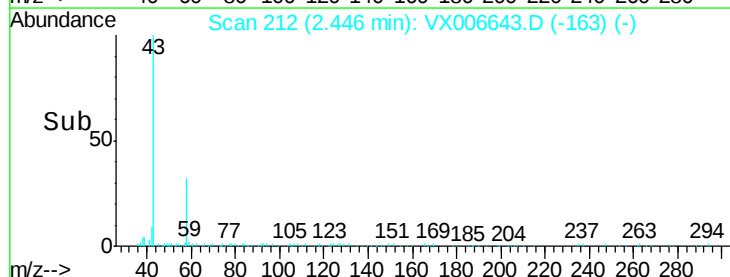
0

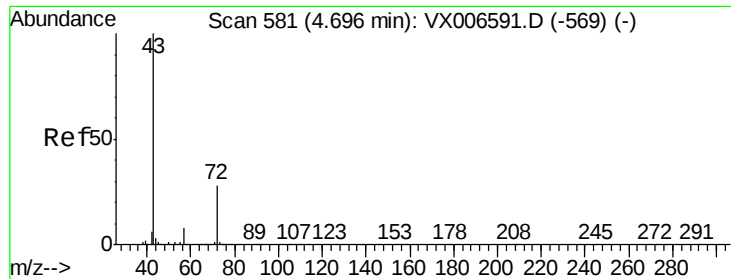
Time-->

2.40

2.45

2.50





#25

2-Butanone

Concen: 2.507 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006643.D

Acq: 19 Dec 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

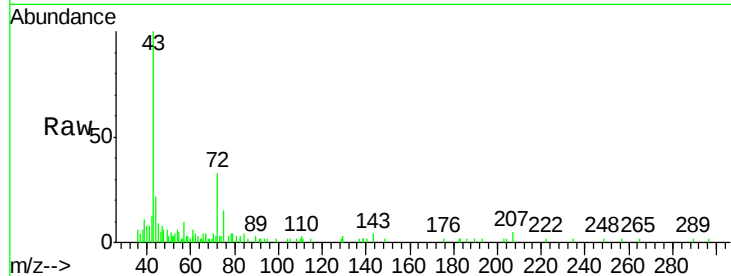
977-FB121818

Tot Ion: 43 Resp: 10785

Ion Ratio Lower Upper

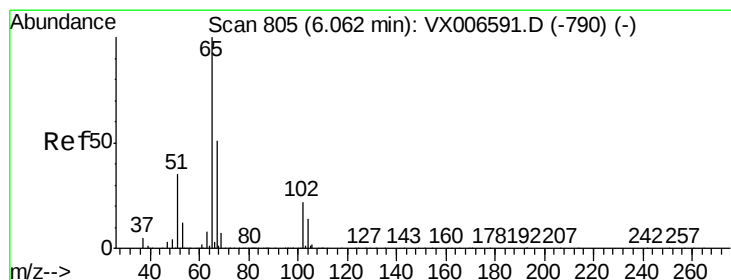
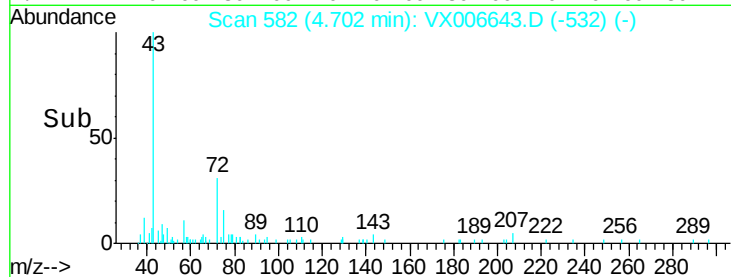
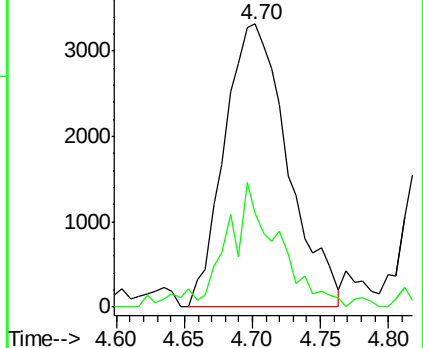
43 100

72 29.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.349 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX006643.D

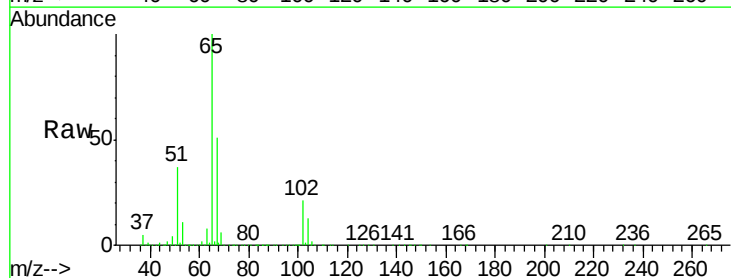
Acq: 19 Dec 2018 18:04

Tgt Ion: 65 Resp: 348431

Ion Ratio Lower Upper

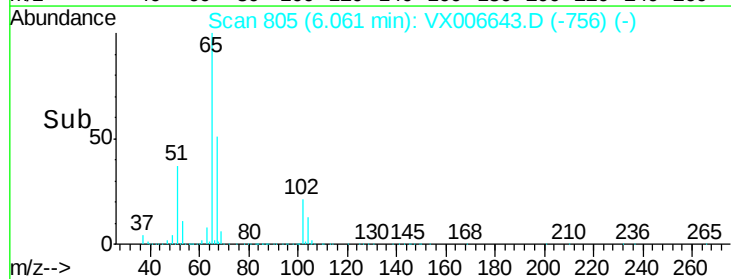
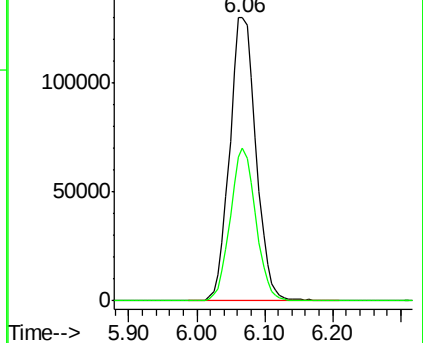
65 100

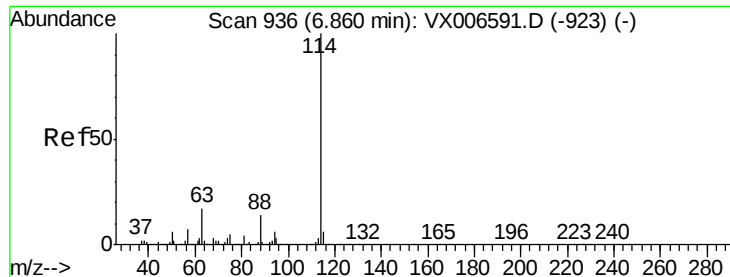
67 52.5 0.0 105.0



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: VX006643.D

Acq: 19 Dec 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

977-FB121818

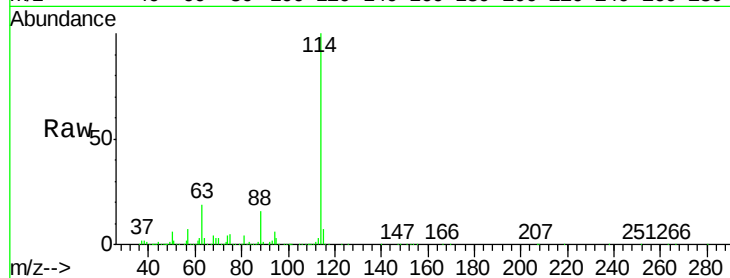
Tot Ion:114 Resp: 998762

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

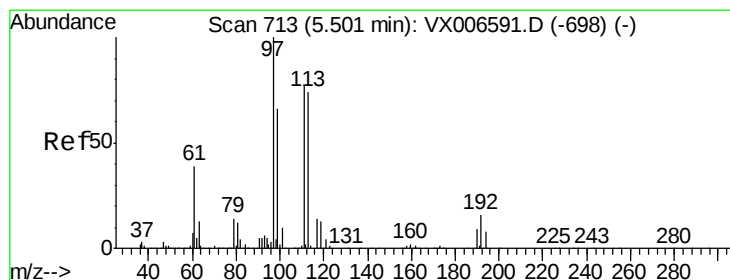
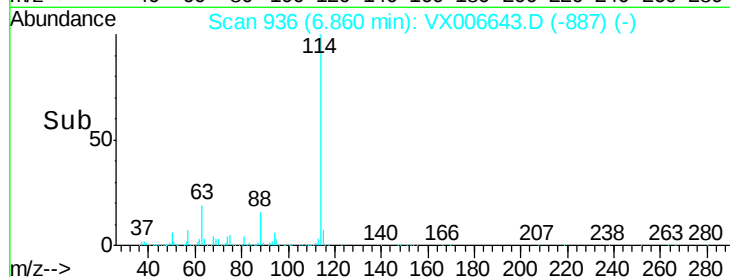
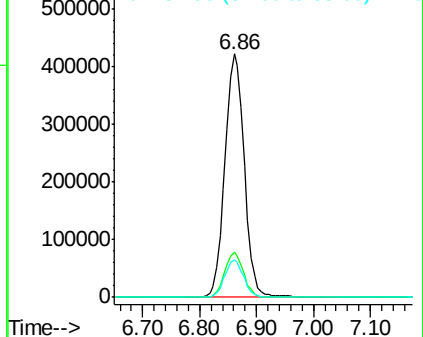
88 15.5 0.0 28.8



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: 46.907 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006643.D

Acq: 19 Dec 2018 18:04

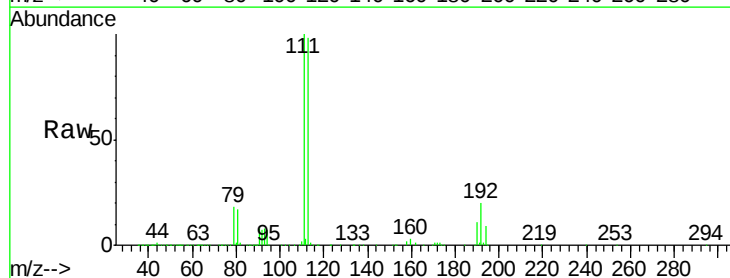
Tgt Ion:113 Resp: 296264

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

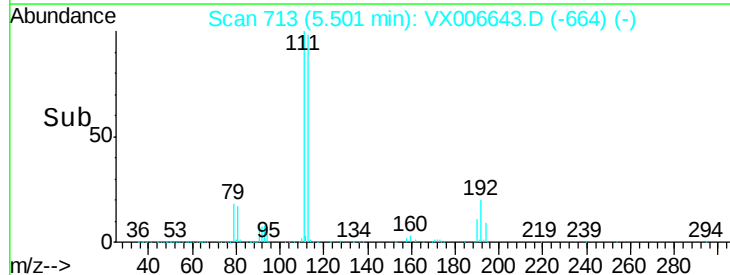
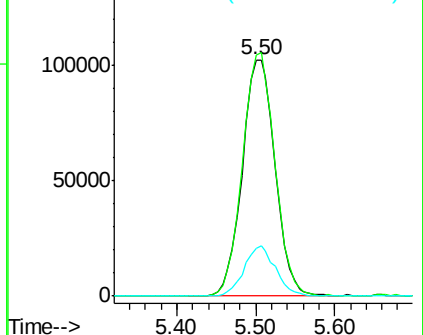
192 20.3 16.7 25.1

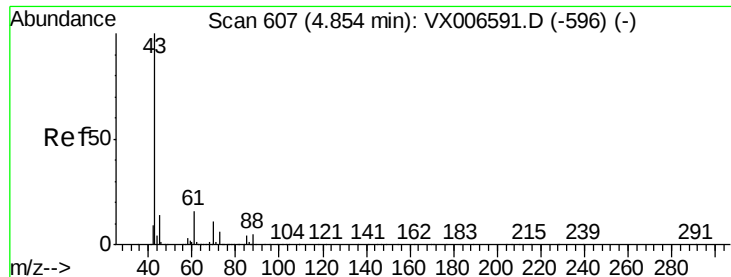


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

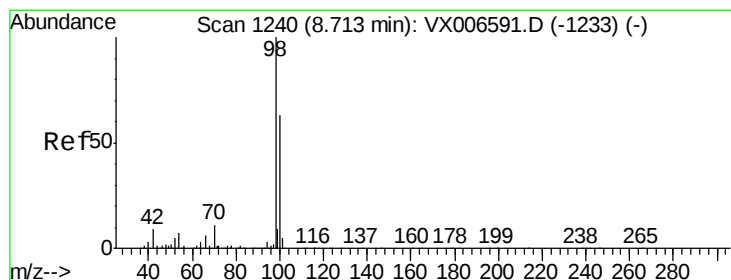
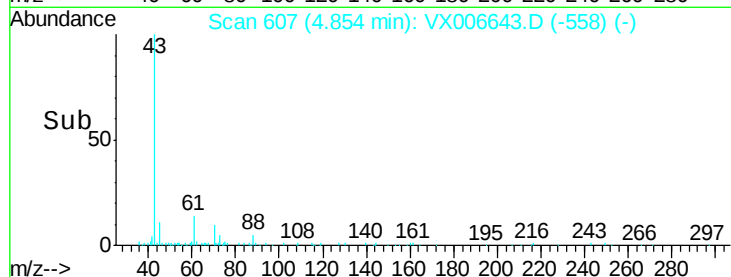
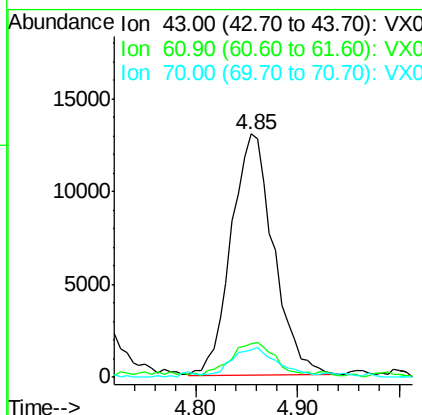
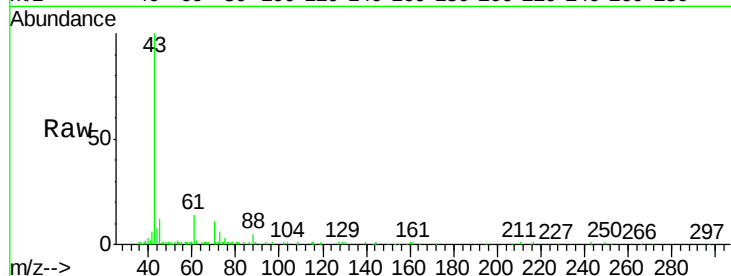




#37
Ethyl Acetate
Concen: 4.352 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006643.D
Acq: 19 Dec 2018 18:04

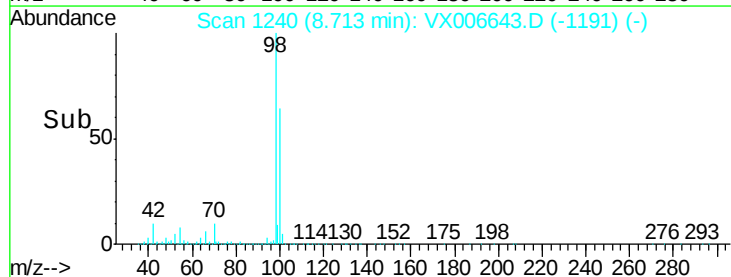
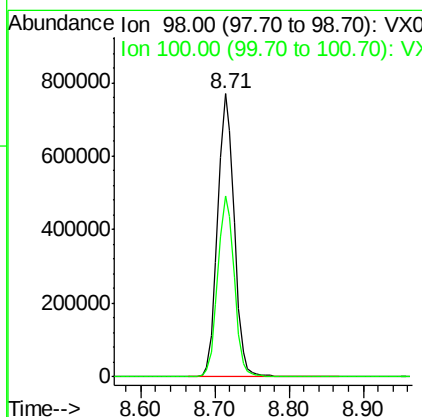
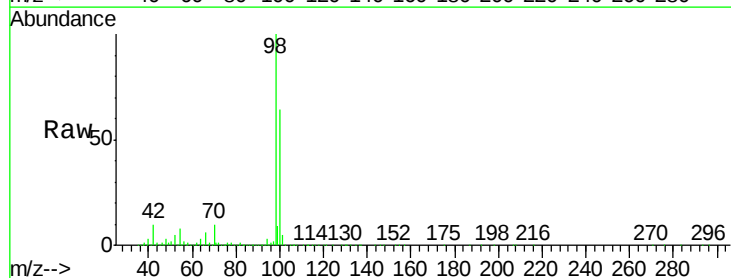
Instrument :
MSVOA_X
ClientSampleId :
977-FB121818

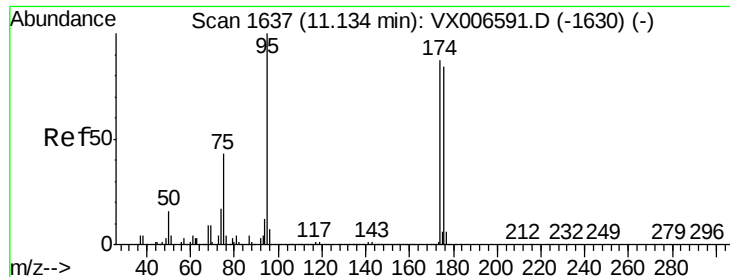
Tot Ion: 43 Resp: 37472
Ion Ratio Lower Upper
43 100
61 13.9 11.9 17.9
70 11.1 9.7 14.5



#50
Toluene-d8
Concen: 49.649 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006643.D
Acq: 19 Dec 2018 18:04

Tgt Ion: 98 Resp: 1182213
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

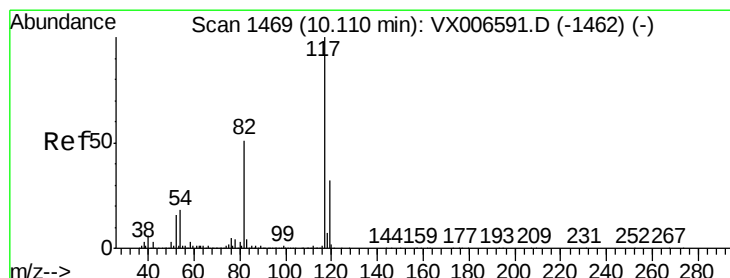
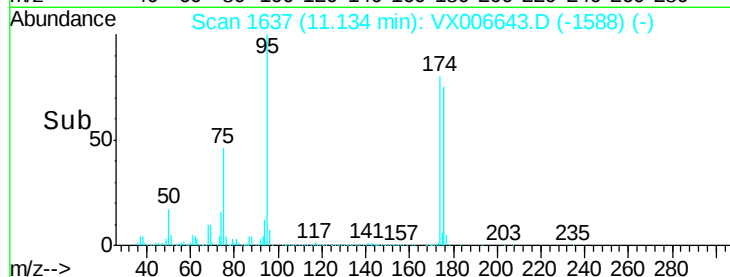
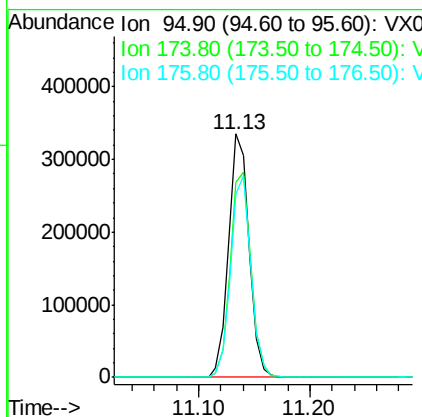
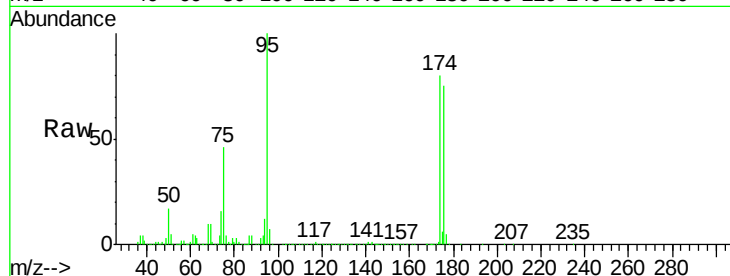




#62
4-Bromofluorobenzene
Concen: 48.759 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006643.D
Acq: 19 Dec 2018 18:04

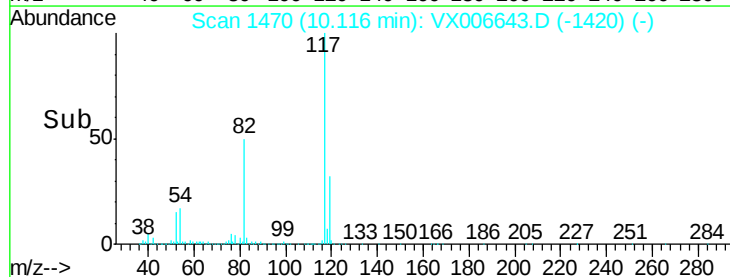
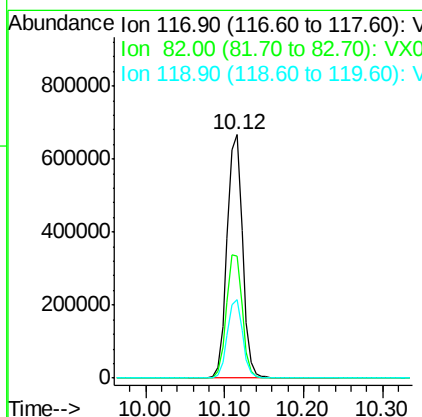
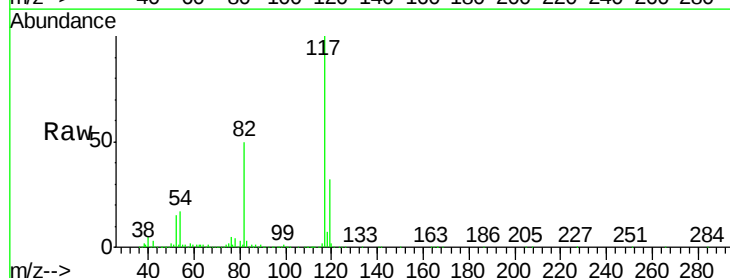
Instrument :
MSVOA_X
ClientSampleId :
977-FB121818

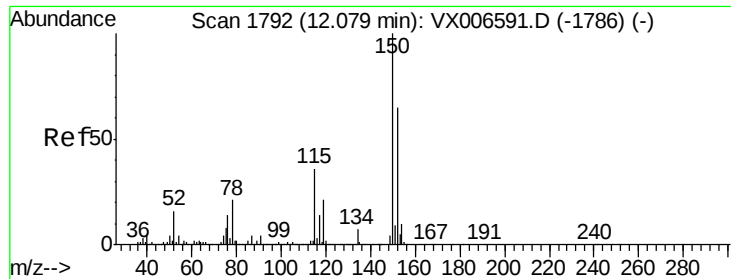
Tot Ion: 95 Resp: 425212
Ion Ratio Lower Upper
95 100
174 85.7 0.0 182.2
176 82.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006643.D
Acq: 19 Dec 2018 18:04

Tgt Ion: 117 Resp: 909724
Ion Ratio Lower Upper
117 100
82 50.0 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: VX006643.D

Acq: 19 Dec 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

977-FB121818

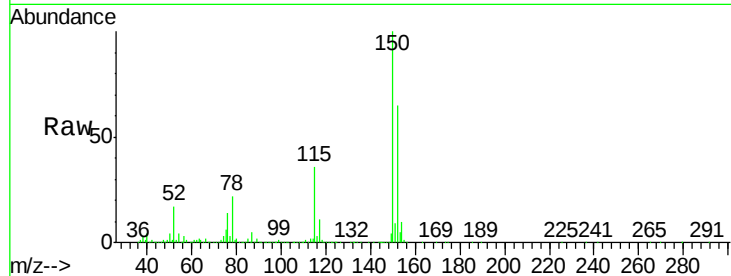
Tot Ion:152 Resp: 429890

Ion Ratio Lower Upper

152 100

115 56.9 39.1 117.2

150 156.2 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

