

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005906.D
 Acq On : 12 Nov 2018 17:47
 Operator : JC/MD
 Sample : J5899-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0146

Quant Time: Nov 13 06:02:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

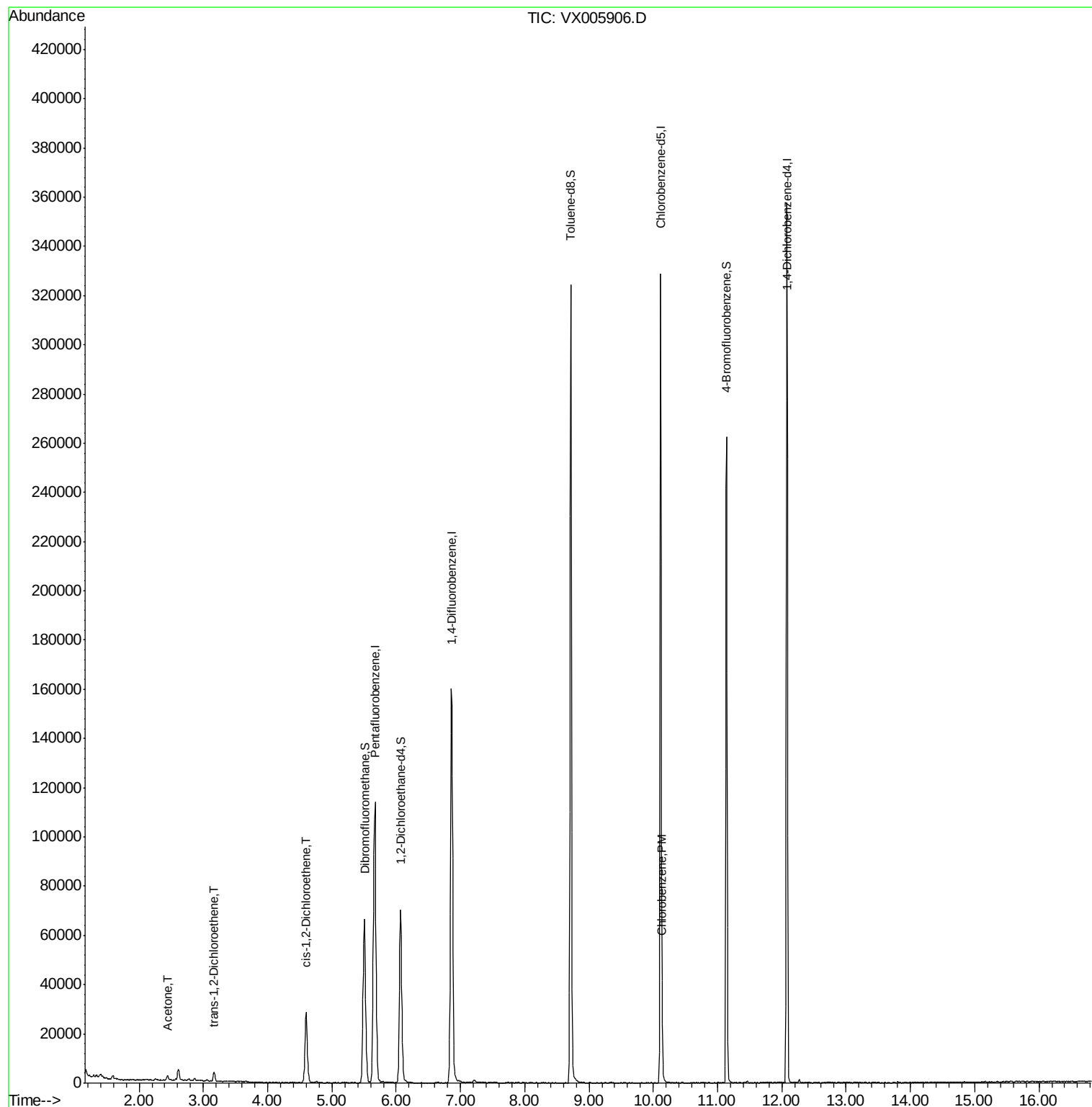
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115723	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	165971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	68003	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	5.51	113	55497	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	199047	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.14	95	68278	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds						
16) Acetone	2.44	43	2419	3.377	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	1504	1.394	ug/l #	79
27) cis-1,2-Dichloroethene	4.60	96	18439	15.478	ug/l	84
65) Chlorobenzene	10.14	112	6762	2.243	ug/l	99

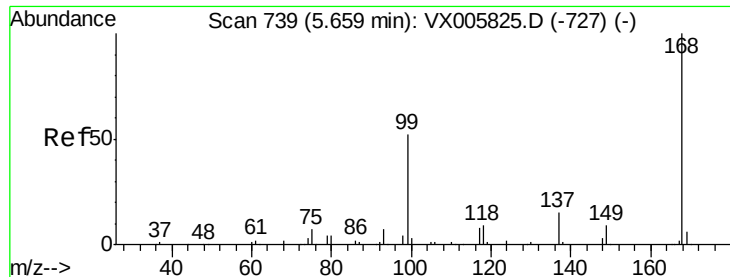
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005906.D

Acq: 12 Nov 2018 17:47

Instrument :

MSVOA_X

ClientSampled :

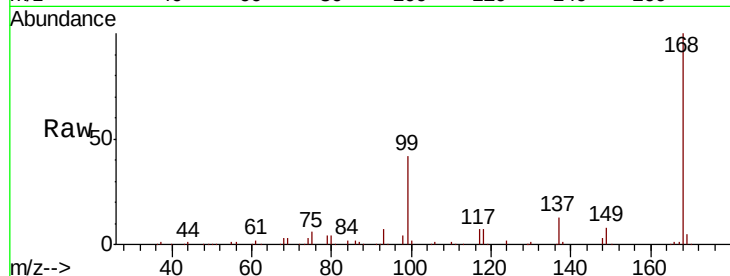
S36-0146

Tot Ion:168 Resp: 115723

Ion Ratio Lower Upper

168 100

99 42.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

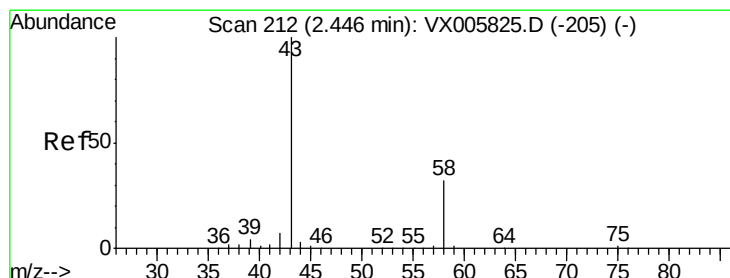
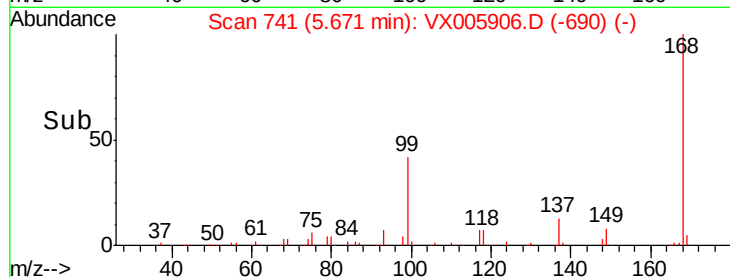
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 3.377 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005906.D

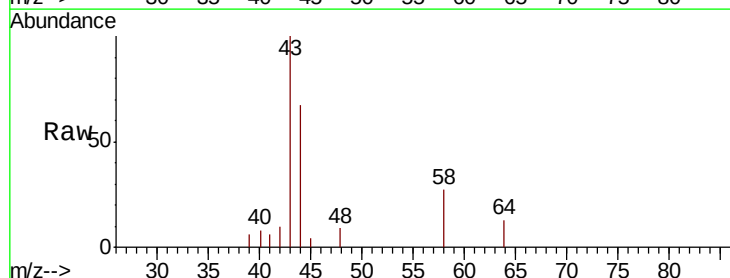
Acq: 12 Nov 2018 17:47

Tgt Ion: 43 Resp: 2419

Ion Ratio Lower Upper

43 100

58 27.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

1500

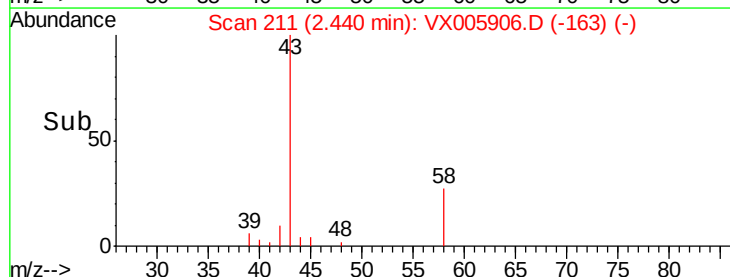
1000

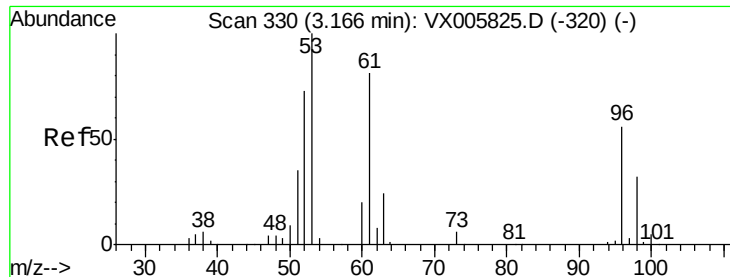
500

0

2.35 2.40 2.45 2.50 2.55

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.394 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005906.D

Acq: 12 Nov 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

S36-0146

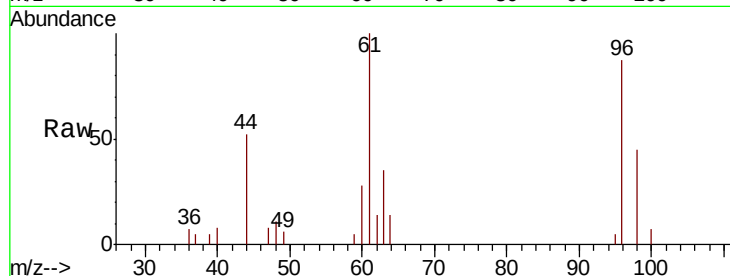
Tot Ion: 96 Resp: 1504

Ion Ratio Lower Upper

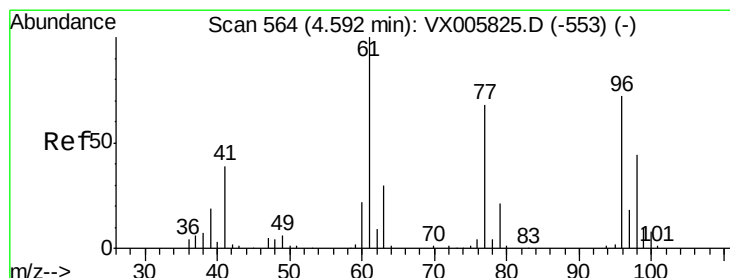
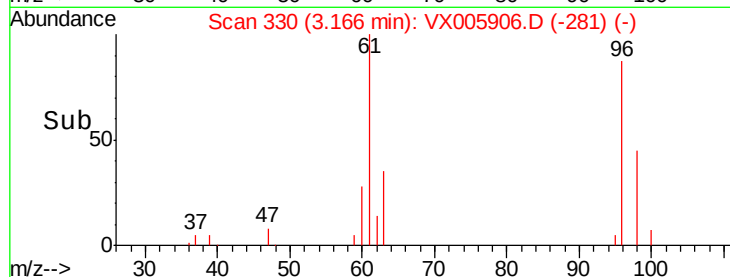
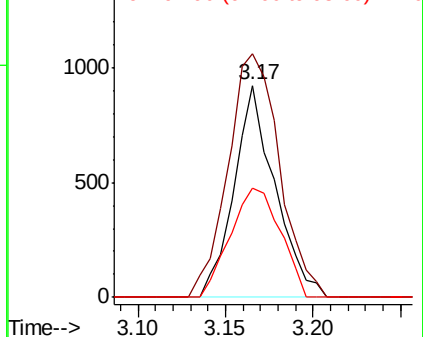
96 100

61 115.0 115.6 173.4#

98 51.7 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 15.478 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX005906.D

Acq: 12 Nov 2018 17:47

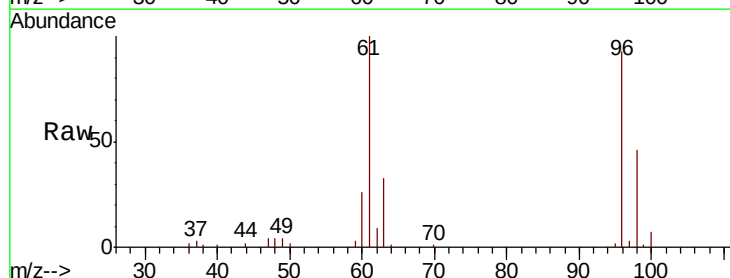
Tgt Ion: 96 Resp: 18439

Ion Ratio Lower Upper

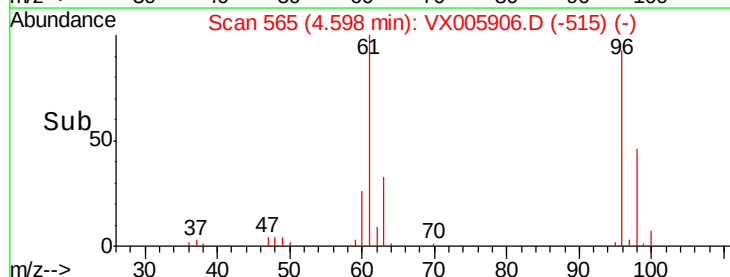
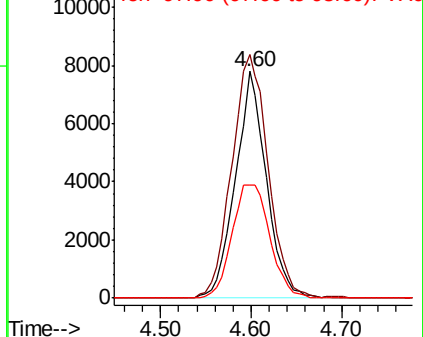
96 100

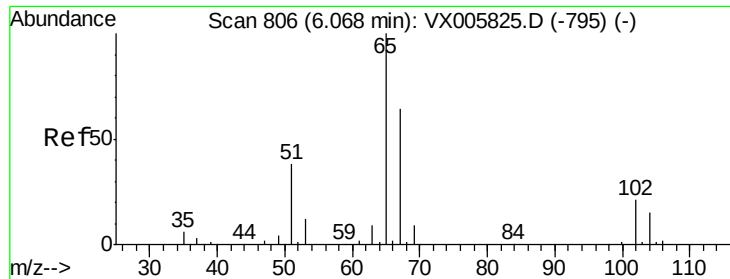
61 125.7 0.0 304.6

98 61.0 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

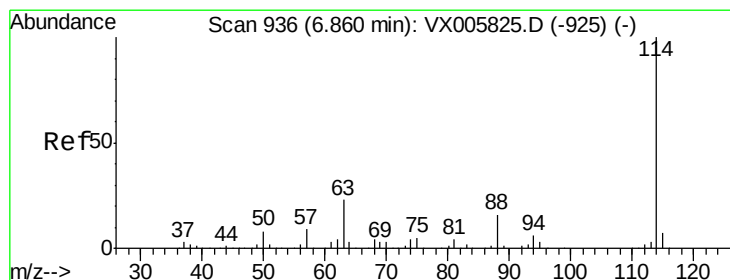
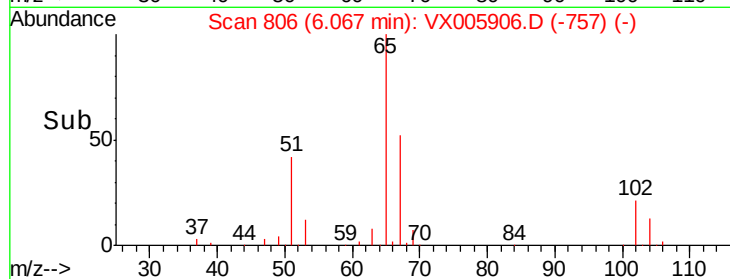
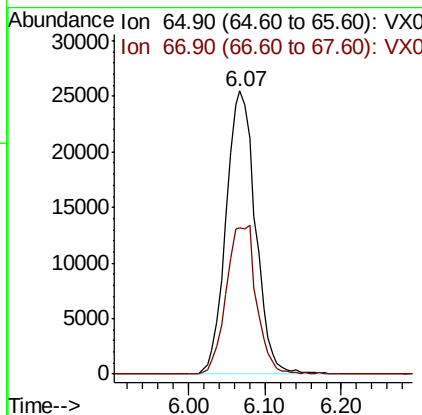
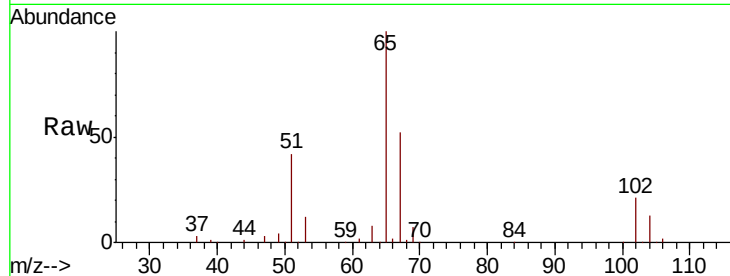




#33
 1,2-Dichloroethane-d4
 Concen: 51.115 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005906.D
 Acq: 12 Nov 2018 17:47

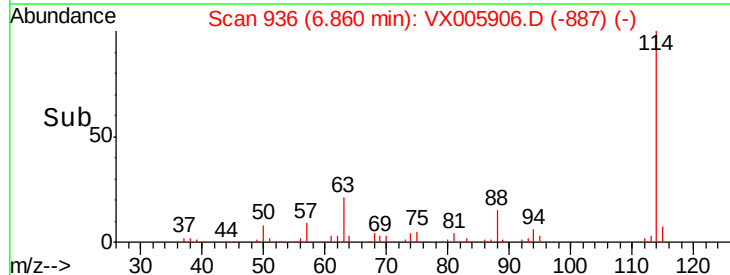
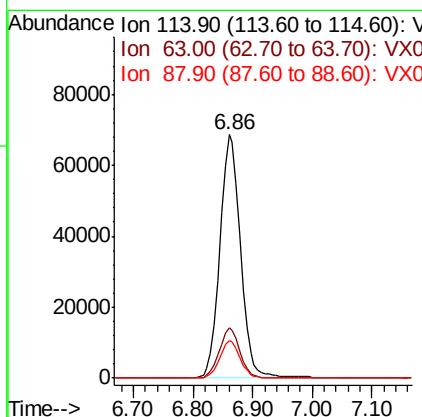
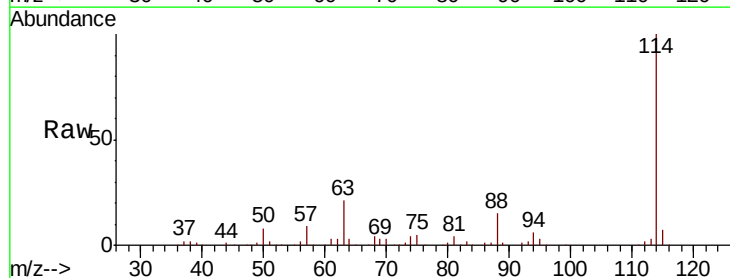
Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0146

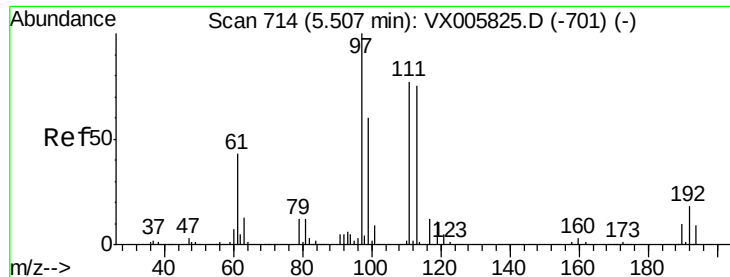
Tot Ion: 65 Resp: 68003
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005906.D
 Acq: 12 Nov 2018 17:47

Tgt Ion: 114 Resp: 165971
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.8
 88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.162 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005906.D

Acq: 12 Nov 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

S36-0146

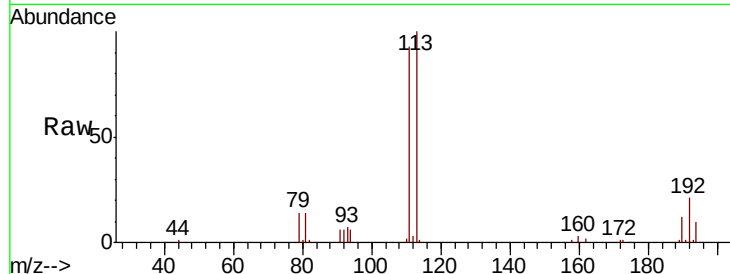
Tot Ion:113 Resp: 55497

Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

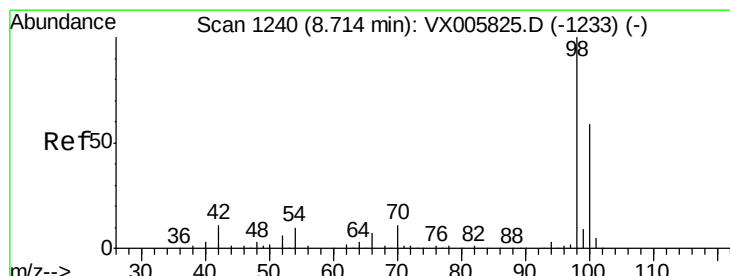
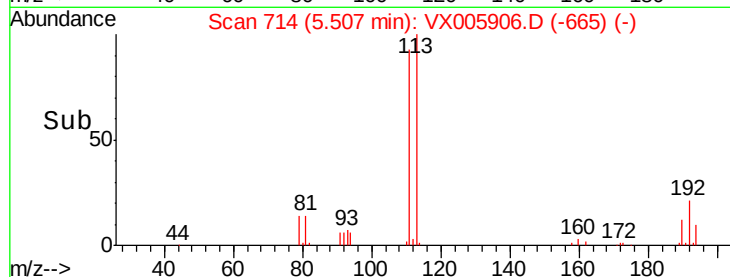
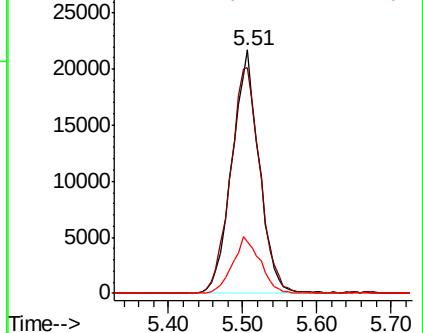
192 23.4 17.9 26.9



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



#50

Toluene-d8

Concen: 53.037 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005906.D

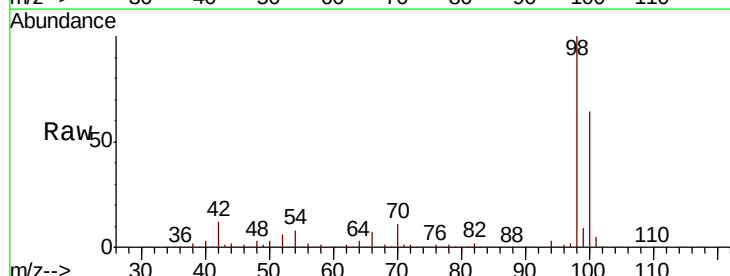
Acq: 12 Nov 2018 17:47

Tgt Ion: 98 Resp: 199047

Ion Ratio Lower Upper

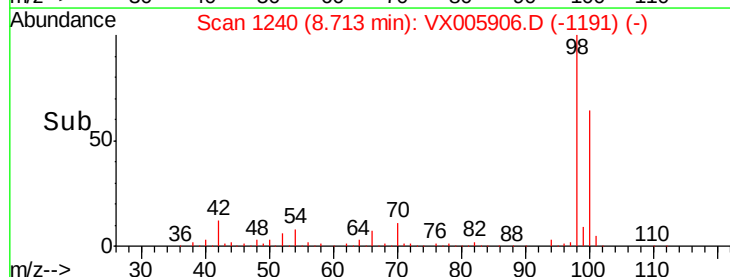
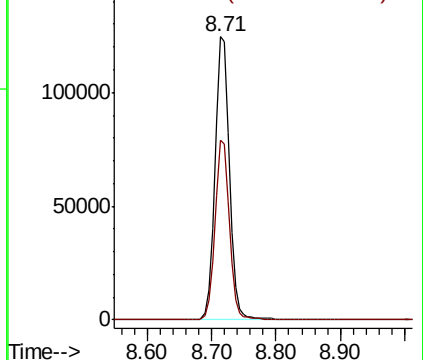
98 100

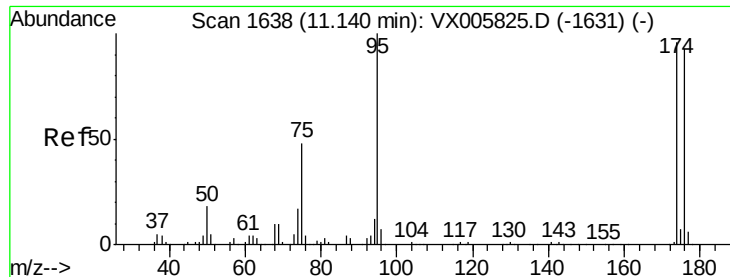
100 63.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

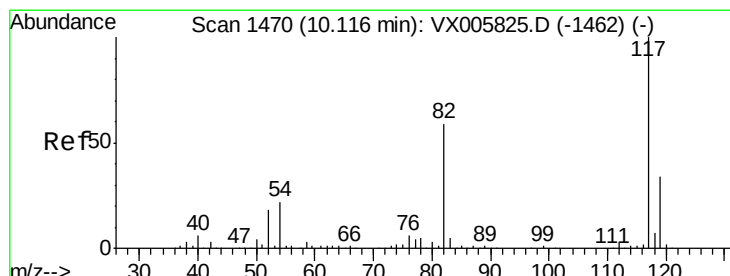
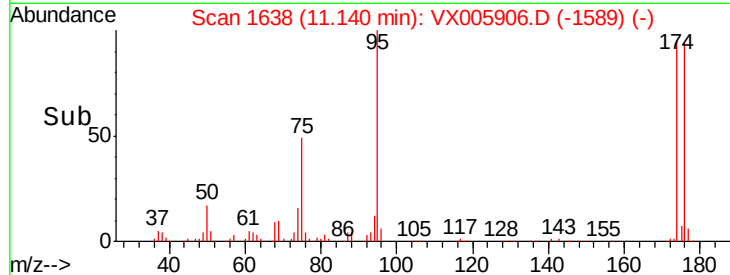
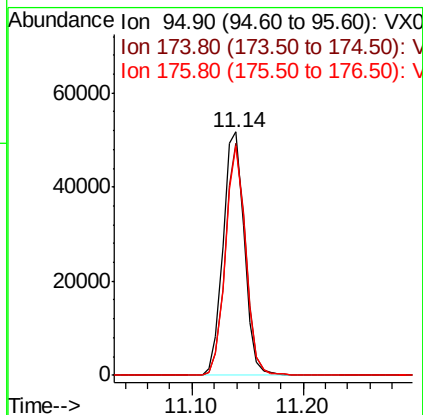
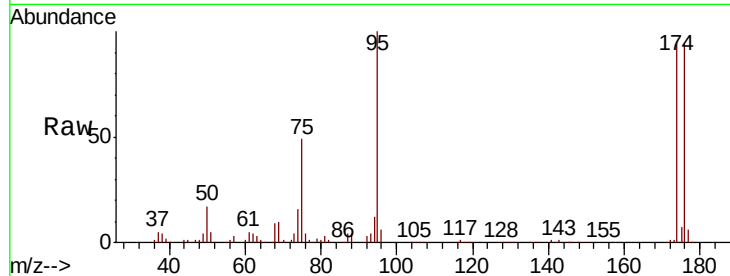




#62
4-Bromofluorobenzene
Concen: 50.602 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005906.D
Acq: 12 Nov 2018 17:47

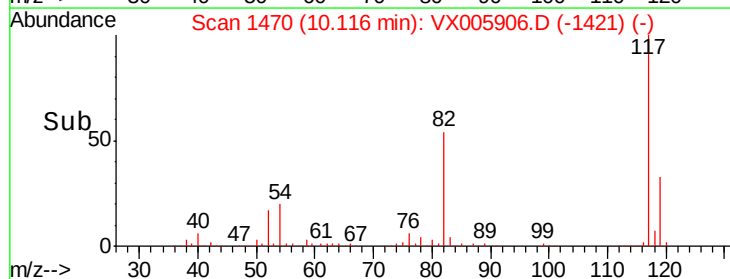
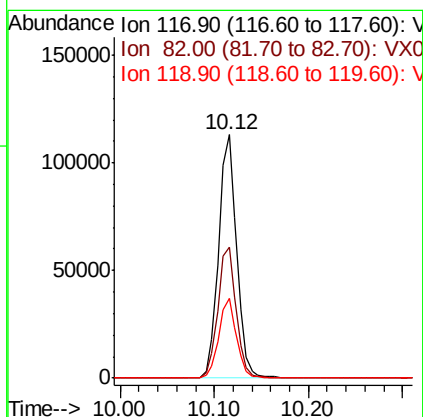
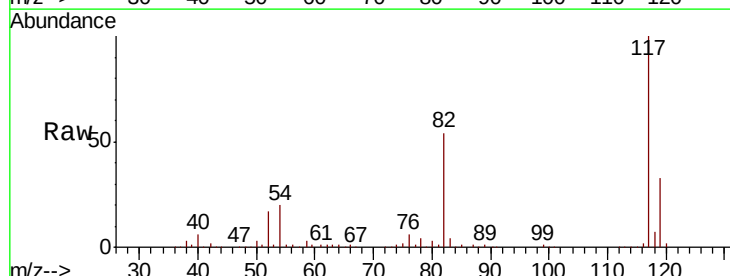
Instrument :
MSVOA_X
ClientSampleId :
S36-0146

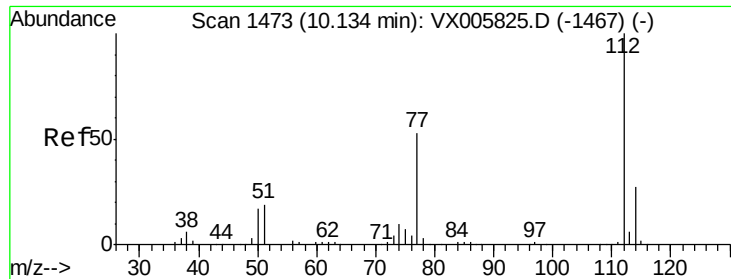
Tot Ion: 95 Resp: 68278
Ion Ratio Lower Upper
95 100
174 90.8 0.0 184.4
176 89.3 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005906.D
Acq: 12 Nov 2018 17:47

Tgt Ion: 117 Resp: 150470
Ion Ratio Lower Upper
117 100
82 53.6 44.1 66.1
119 32.7 26.2 39.2

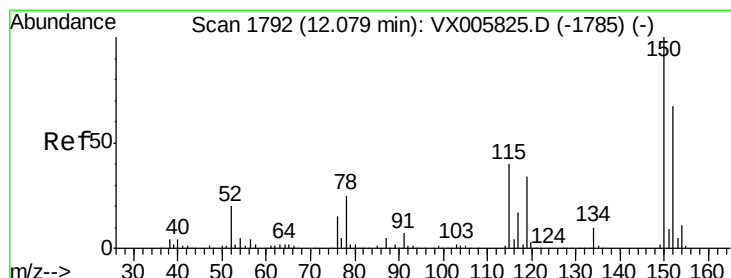
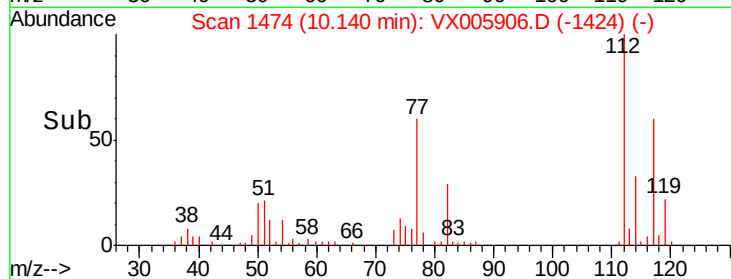
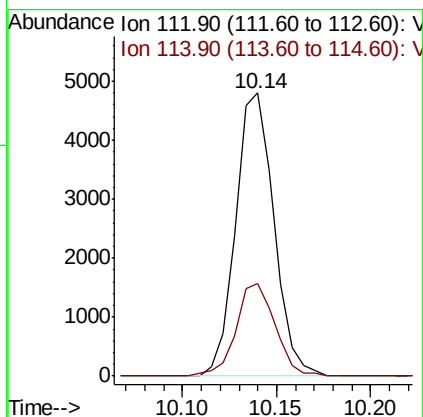
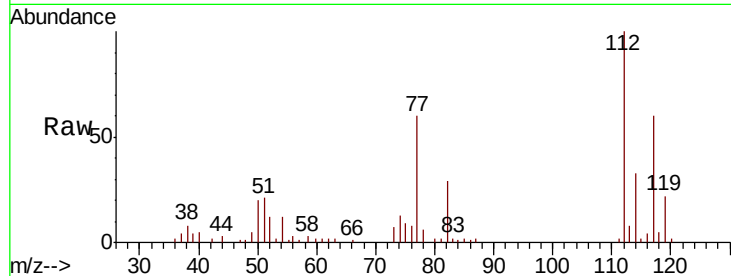




#65
Chlorobenzene
Concen: 2.243 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005906.D
Acq: 12 Nov 2018 17:47

Instrument :
MSVOA_X
ClientSampled :
S36-0146

Tot Ion:112 Resp: 6762
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005906.D
Acq: 12 Nov 2018 17:47

Tgt Ion:152 Resp: 74135
Ion Ratio Lower Upper
152 100
115 55.5 39.4 118.1
150 155.8 0.0 346.4

