

Data File : VX002973.D
Acq On : 28 Jun 2018 08:23
Operator : JC/MD
Sample : J3691-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
W-19

Quant Time: Jul 04 03:38:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

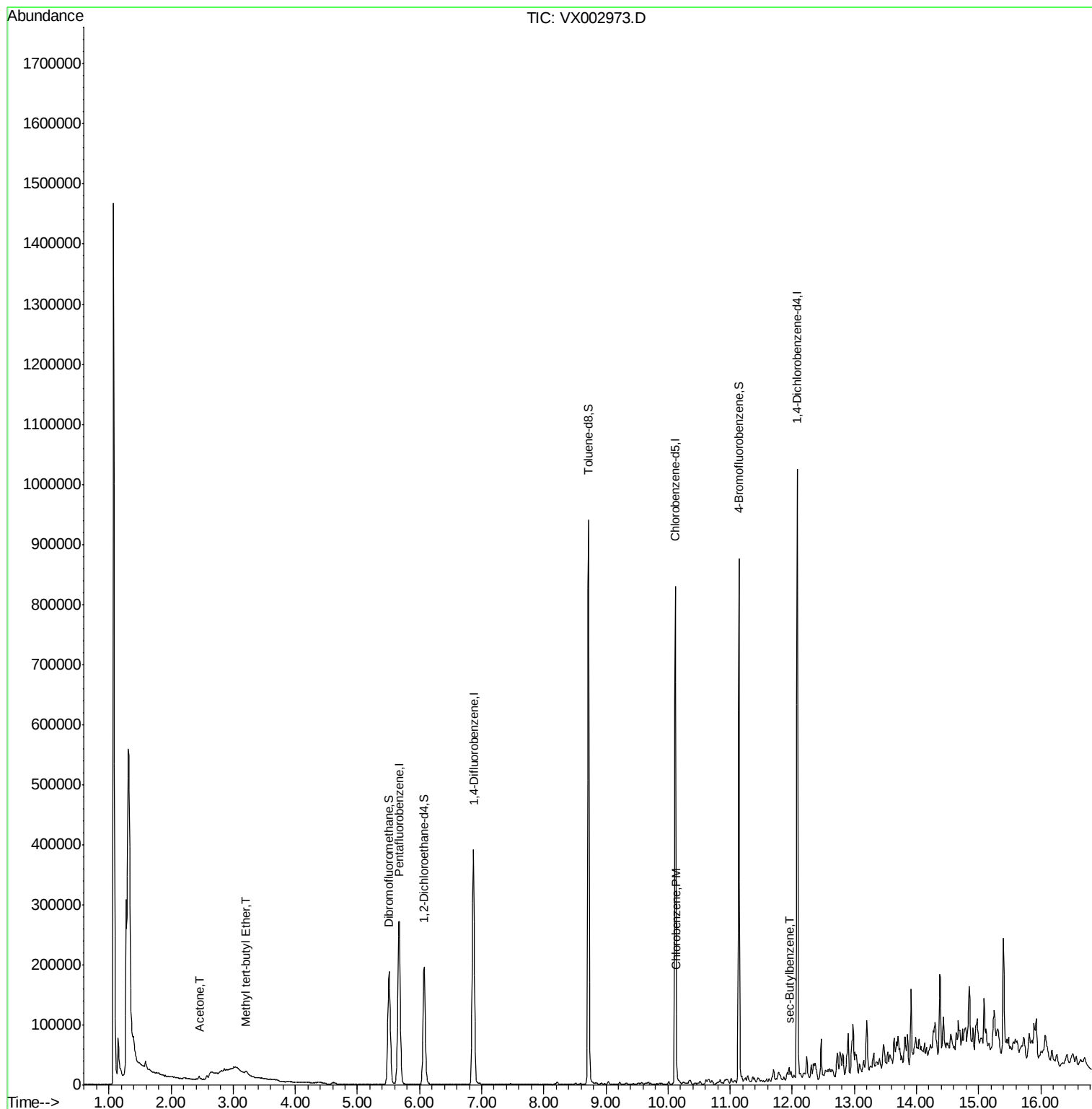
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	390485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188522	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	5.51	113	153981	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	8.72	98	549014	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.14	95	200023	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
Target Compounds						
16) Acetone	2.45	43	4920	3.102	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	5571	0.567	ug/l #	90
65) Chlorobenzene	10.14	112	4677	0.507	ug/l	97
85) sec-Butylbenzene	11.95	105	7766	0.531	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# 834

Delta R.T. 0.01 min

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ClientSampleId :

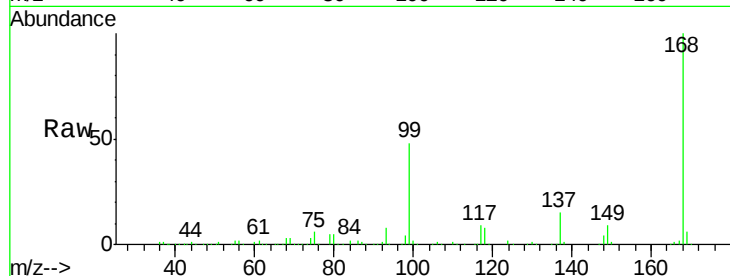
W-19

Tgt Ion:168 Resp: 277062

Ion Ratio Lower Upper

168 100

99 47.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

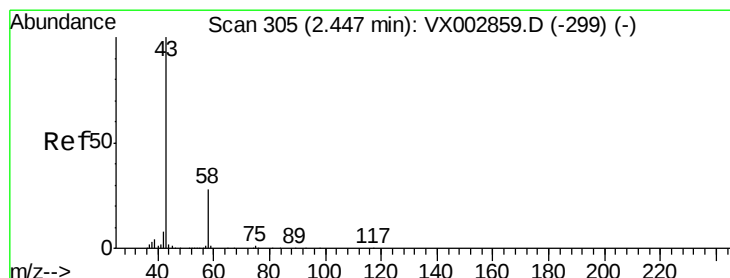
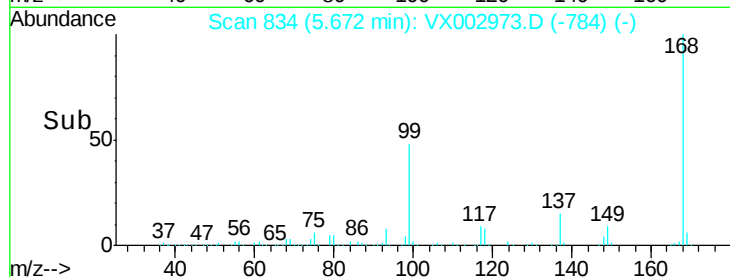
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.102 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002973.D

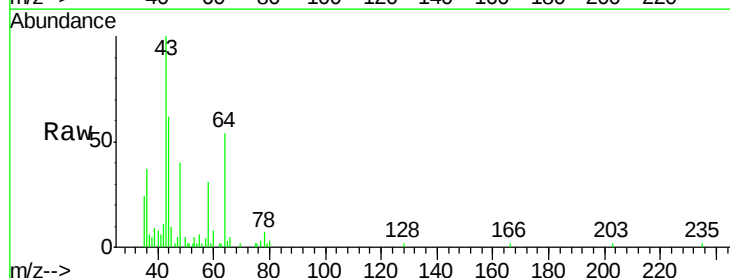
Acq: 28 Jun 2018 08:23

Tgt Ion: 43 Resp: 4920

Ion Ratio Lower Upper

43 100

58 32.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

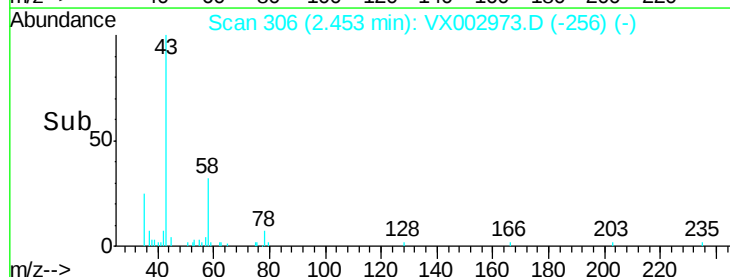
3000

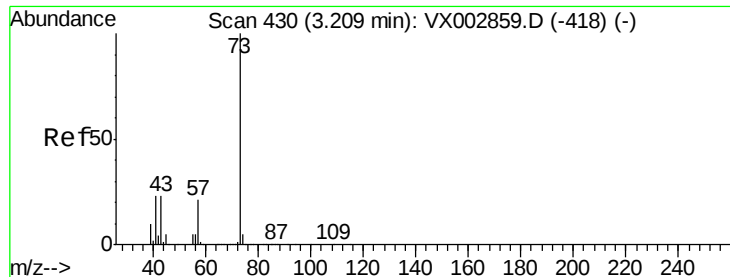
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#19

Methyl tert-butyl Ether

Concen: 0.567 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX002973.D

Acq: 28 Jun 2018 08:23

Instrument :

MSVOA_X

ClientSampleId :

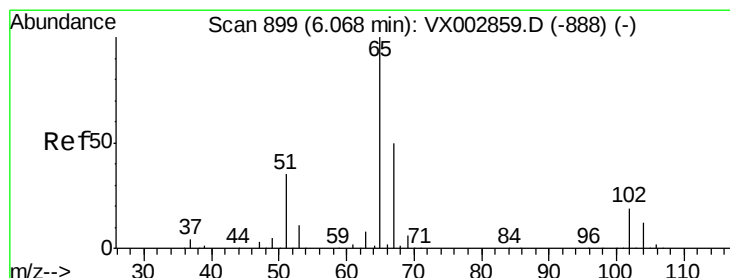
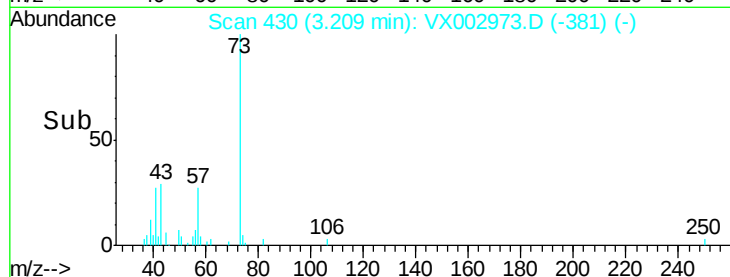
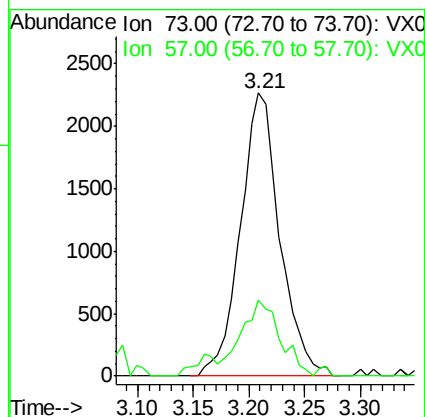
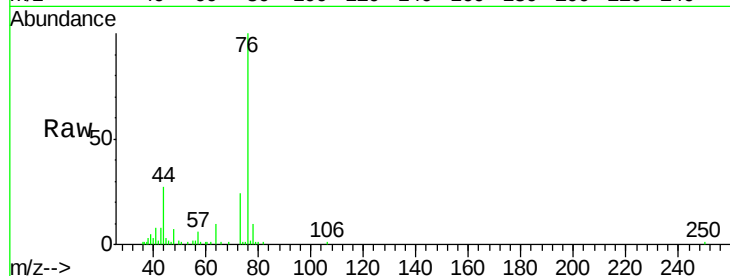
W-19

Tgt Ion: 73 Resp: 5571

Ion Ratio Lower Upper

73 100

57 27.0 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 49.228 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002973.D

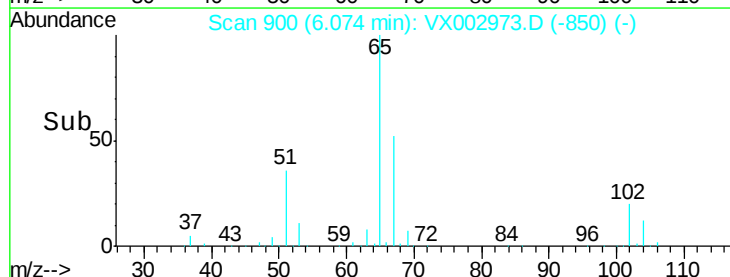
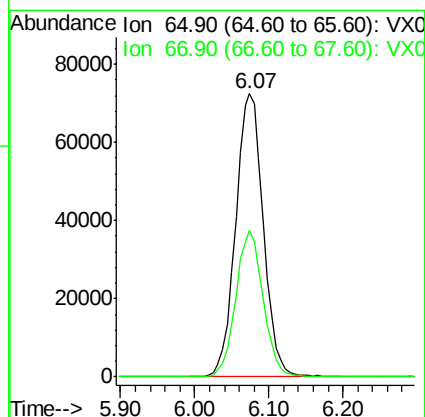
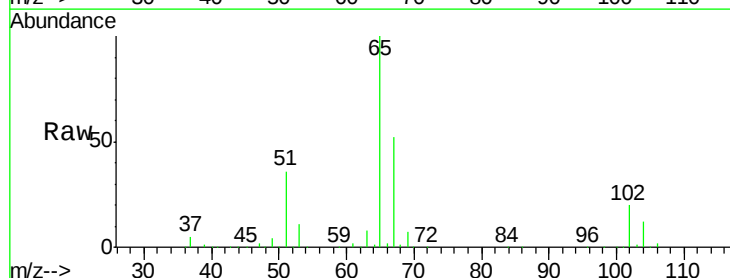
Acq: 28 Jun 2018 08:23

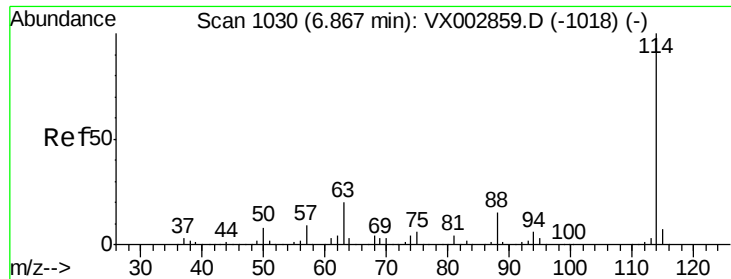
Tgt Ion: 65 Resp: 188522

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.6

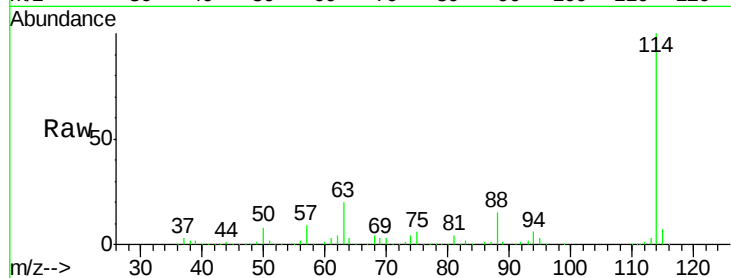




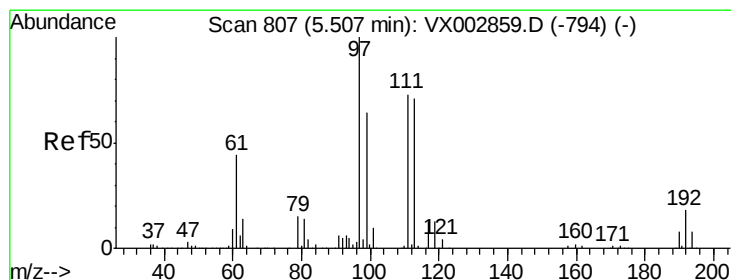
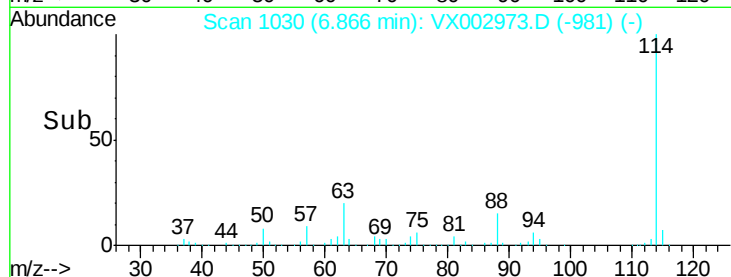
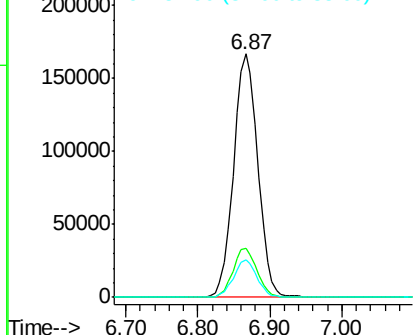
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002973.D
 Acq: 28 Jun 2018 08:23

Instrument :
 MSVOA_X
 ClientSampleId :
 W-19

Tgt Ion:114 Resp: 390485
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.3 0.0 30.0

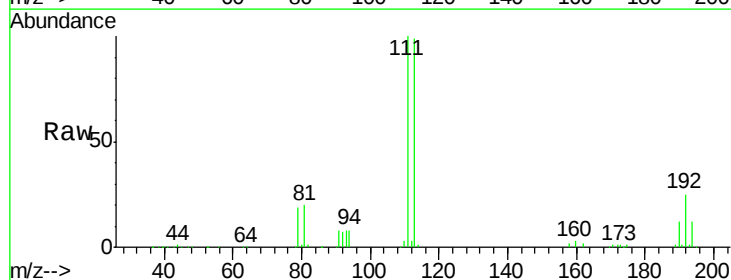


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

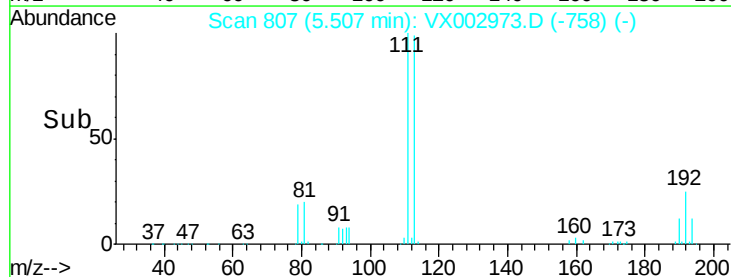
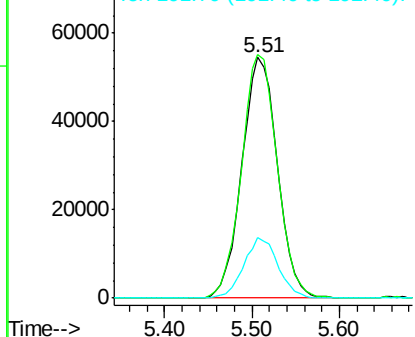


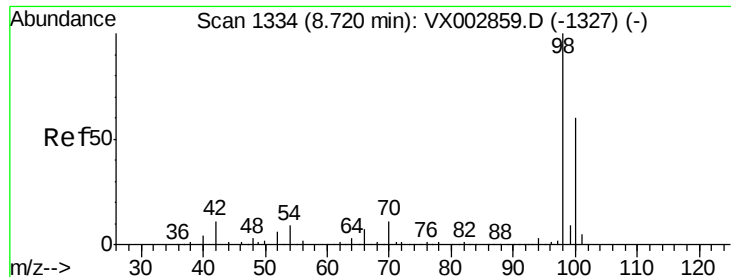
#35
 Dibromofluoromethane
 Concen: 49.795 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002973.D
 Acq: 28 Jun 2018 08:23

Tgt Ion:113 Resp: 153981
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 24.3 19.1 28.7



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: 48.619 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002973.D

Acq: 28 Jun 2018 08:23

Instrument :

MSVOA_X

ClientSampleId :

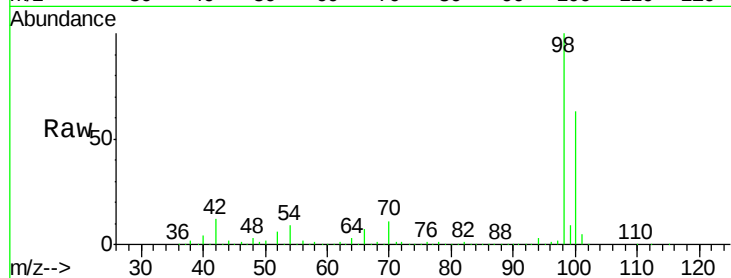
W-19

Tgt Ion: 98 Resp: 549014

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

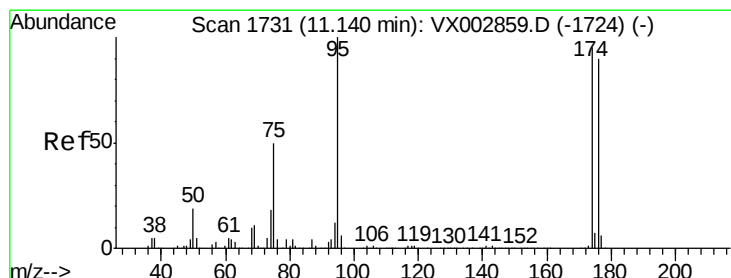
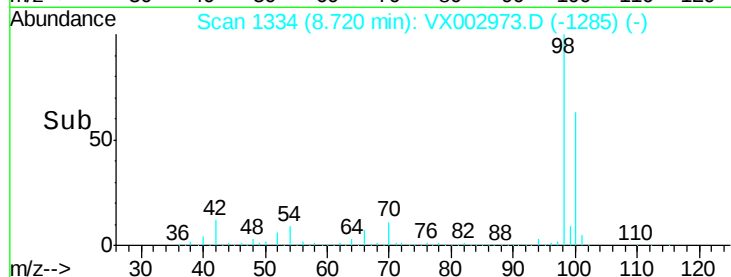
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.930 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002973.D

Acq: 28 Jun 2018 08:23

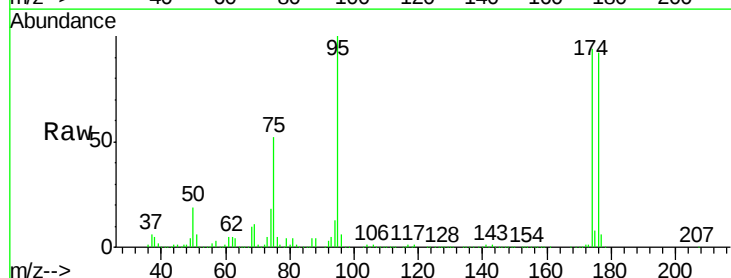
Tgt Ion: 95 Resp: 200023

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.4

176 94.5 0.0 181.0



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

11.14

200000

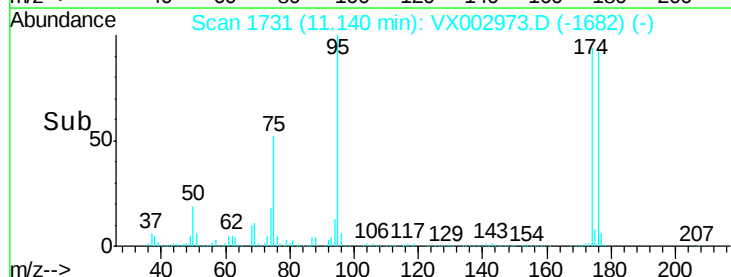
150000

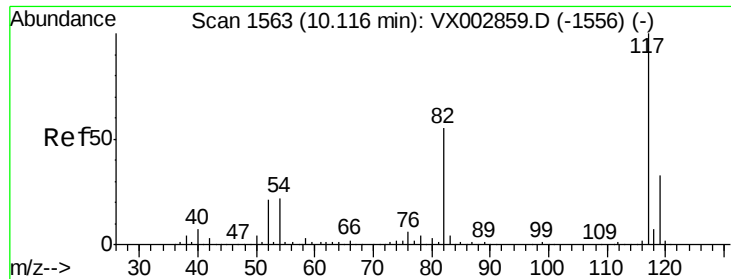
100000

50000

0

Time-->

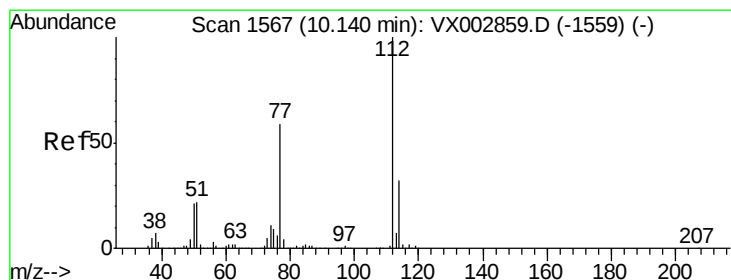
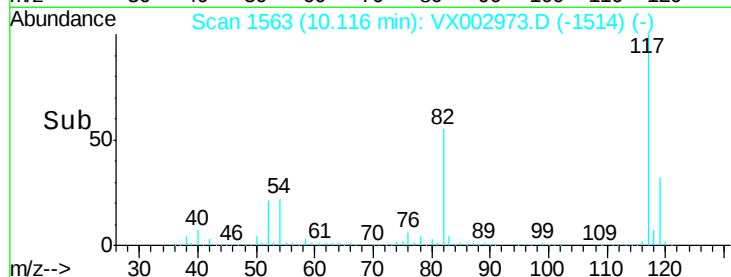
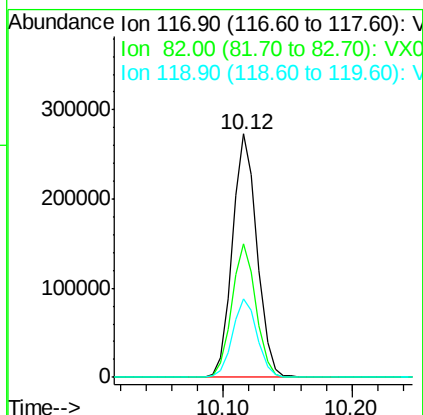
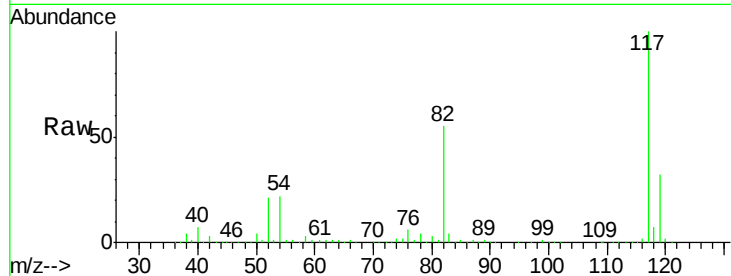




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002973.D
Acq: 28 Jun 2018 08:23

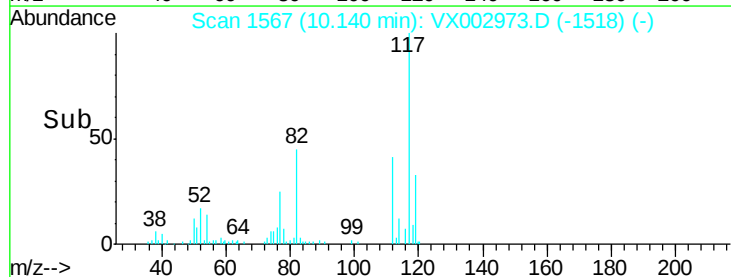
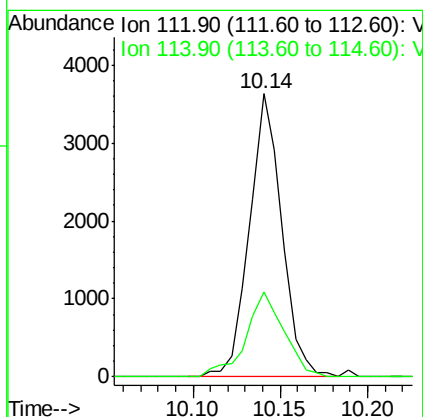
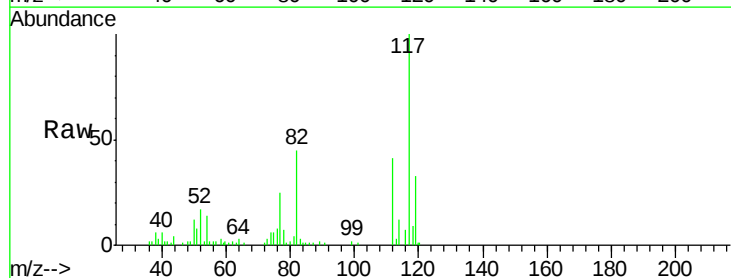
Instrument :
MSVOA_X
ClientSampled :
W-19

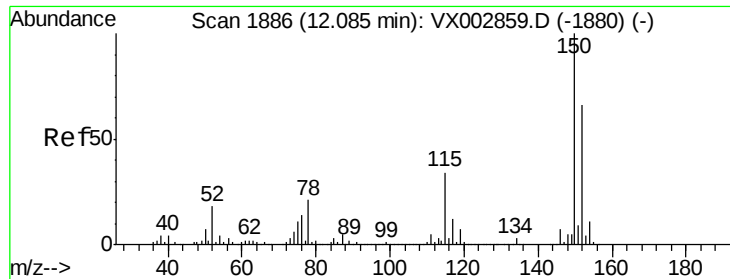
Tgt Ion:117 Resp: 363271
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.4 25.8 38.6



#65
Chlorobenzene
Concen: 0.507 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002973.D
Acq: 28 Jun 2018 08:23

Tgt Ion:112 Resp: 4677
Ion Ratio Lower Upper
112 100
114 30.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002973.D

Acq: 28 Jun 2018 08:23

Instrument :

MSVOA_X

ClientSampleId :

W-19

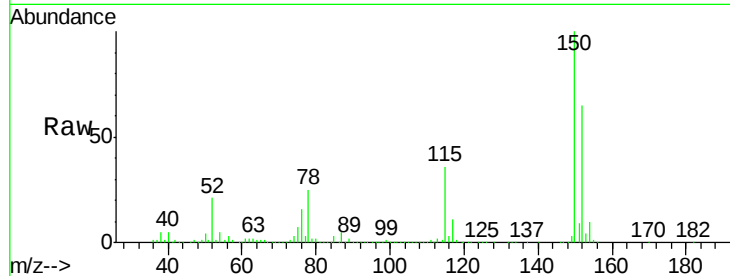
Tgt Ion:152 Resp: 216013

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

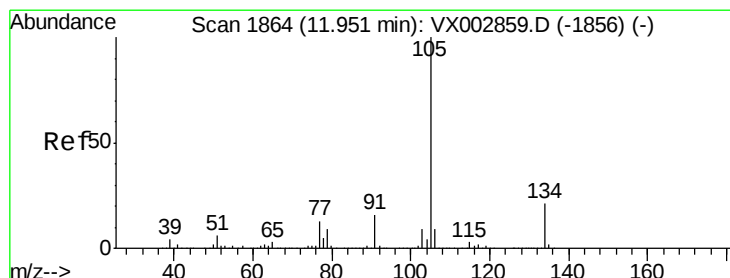
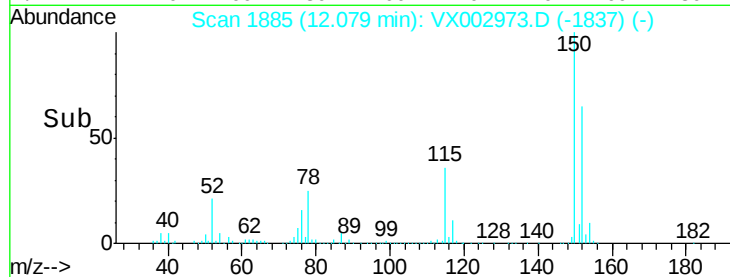
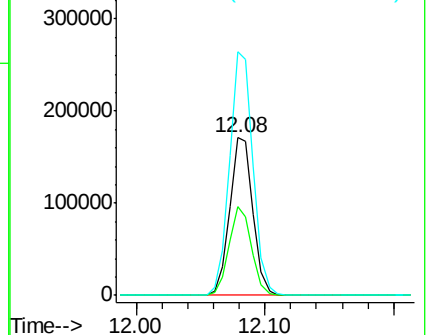
150 156.4 0.0 347.2



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



#85

sec-Butylbenzene

Concen: 0.531 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002973.D

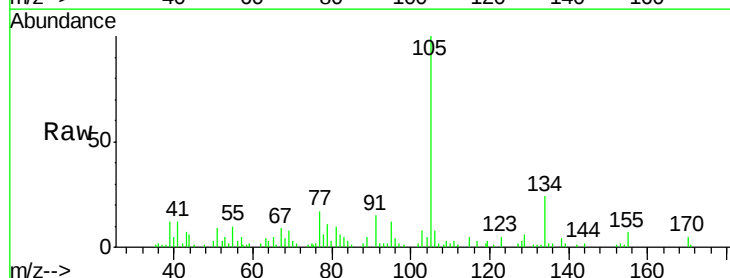
Acq: 28 Jun 2018 08:23

Tgt Ion:105 Resp: 7766

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

