

Data File : VX002749.D
Acq On : 20 Jun 2018 18:33
Operator : JC/MD
Sample : J3597-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
W-43

Quant Time: Jul 02 06:35:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

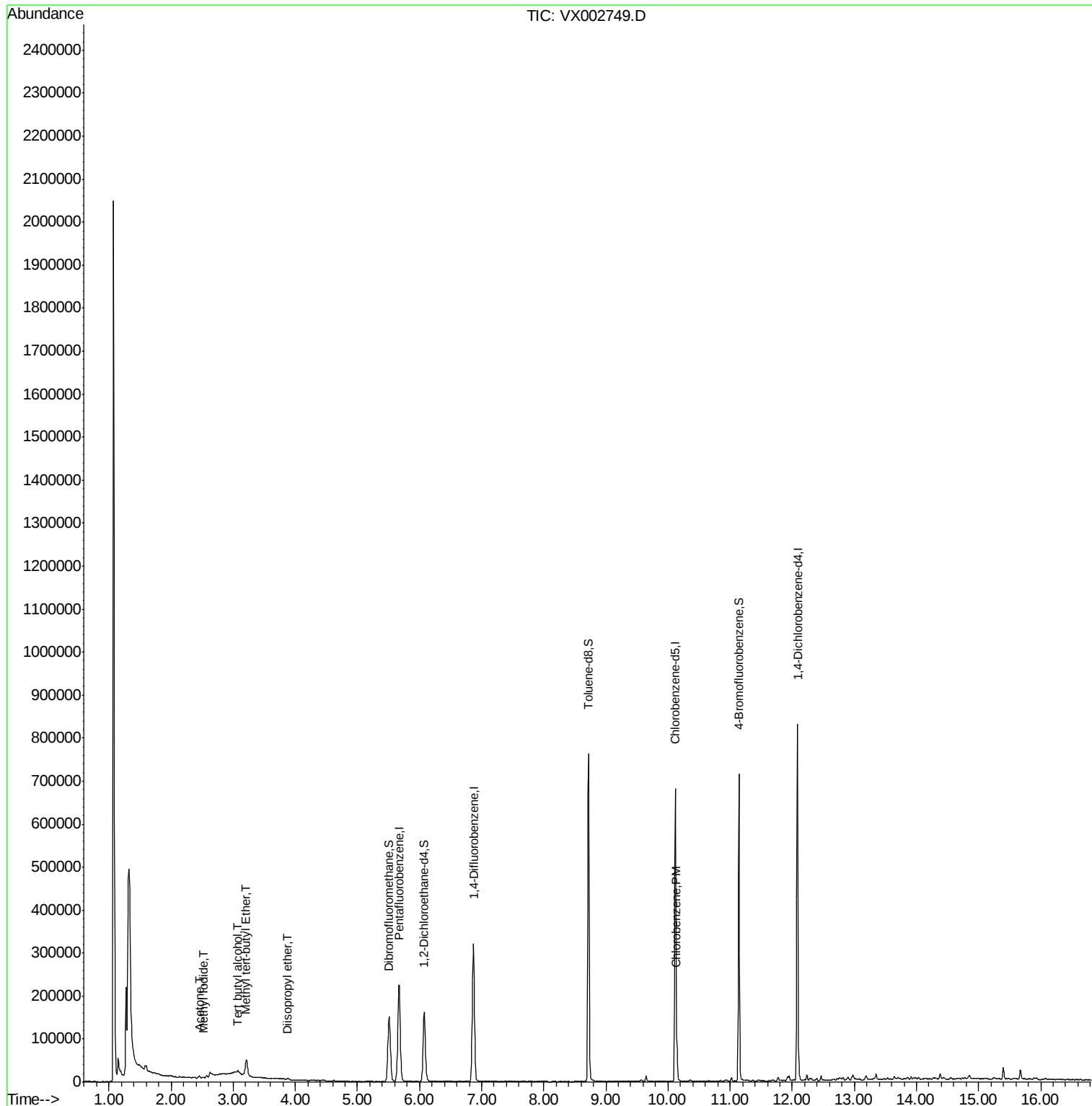
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153306	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
35) Dibromofluoromethane	5.51	113	123886	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	8.72	98	448651	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
62) 4-Bromofluorobenzene	11.14	95	164444	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.52	142	1665	5.593	ug/l #	95
11) Tert butyl alcohol	3.07	59	7241	10.224	ug/l #	89
16) Acetone	2.45	43	5437	3.597	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	39669	4.198	ug/l	96
22) Diisopropyl ether	3.88	45	3931	0.434	ug/l #	88
65) Chlorobenzene	10.14	112	32131	4.385	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# 834

Delta R.T. 0.00 min

Lab File: VX002749.D

Acq: 20 Jun 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

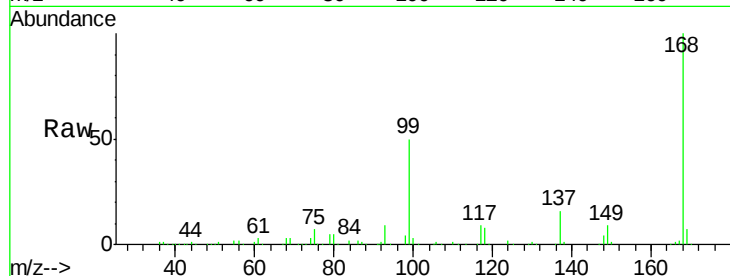
W-43

Tgt Ion:168 Resp: 225444

Ion Ratio Lower Upper

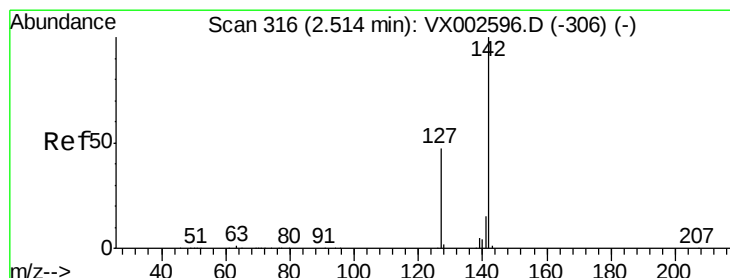
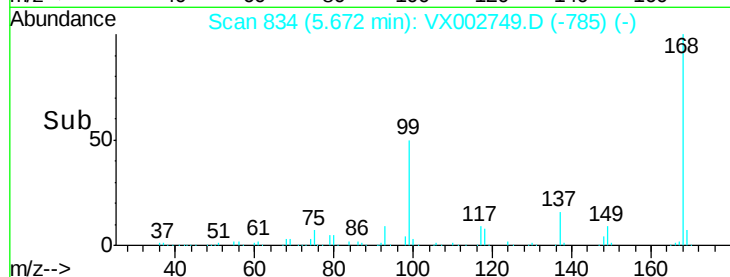
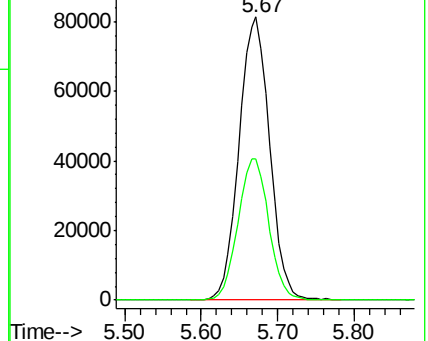
168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.593 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002749.D

Acq: 20 Jun 2018 18:33

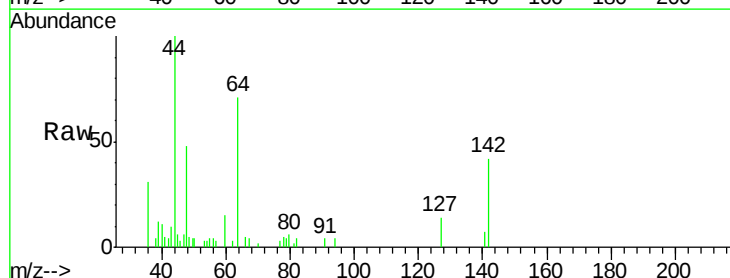
Tgt Ion:142 Resp: 1665

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

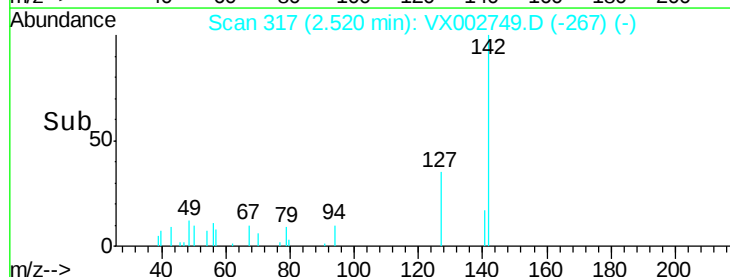
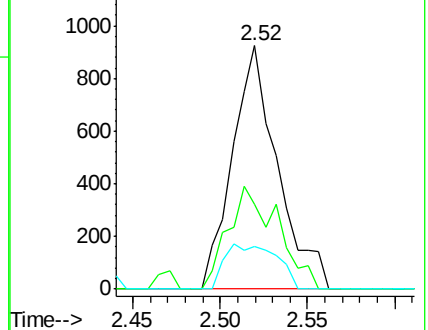
141 21.1 11.3 16.9#

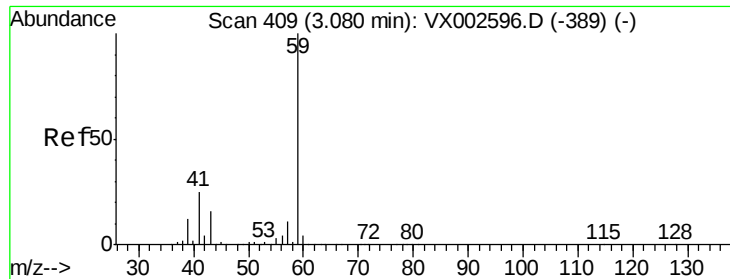


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

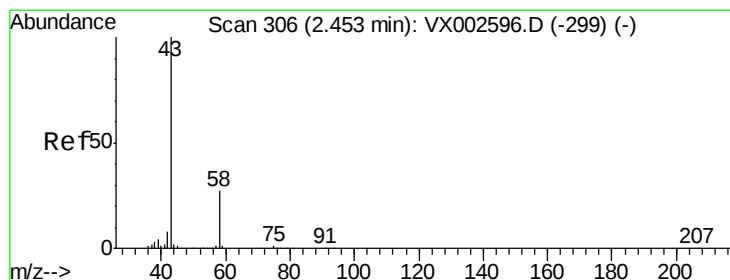
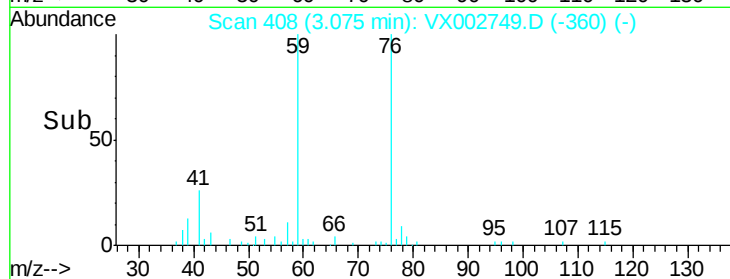
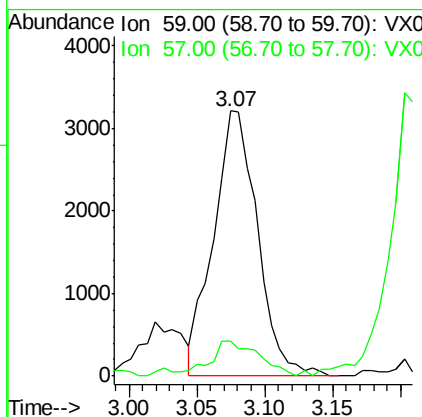
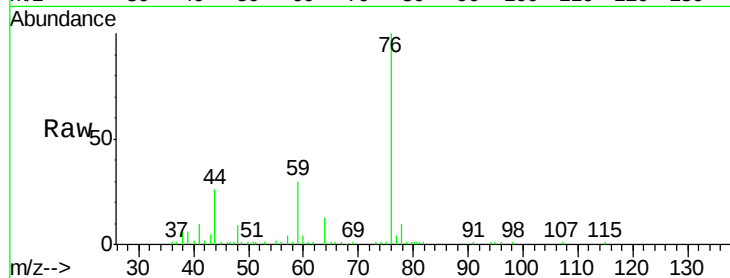




#11
Tert butyl alcohol
Concen: 10.224 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002749.D
Acq: 20 Jun 2018 18:33

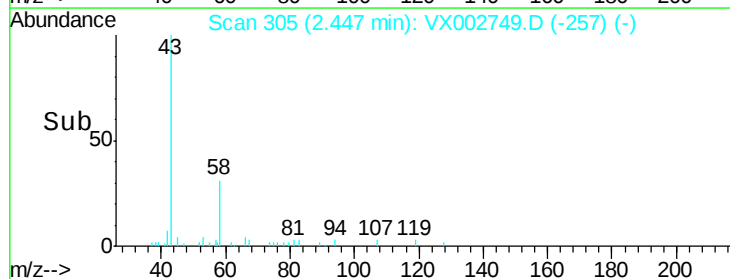
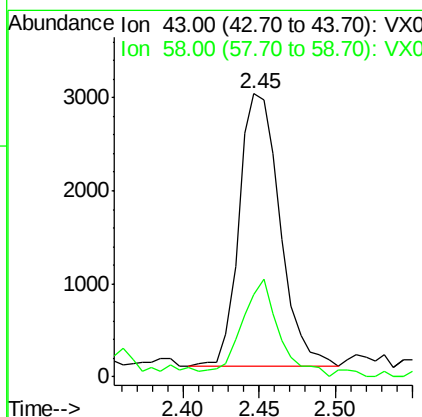
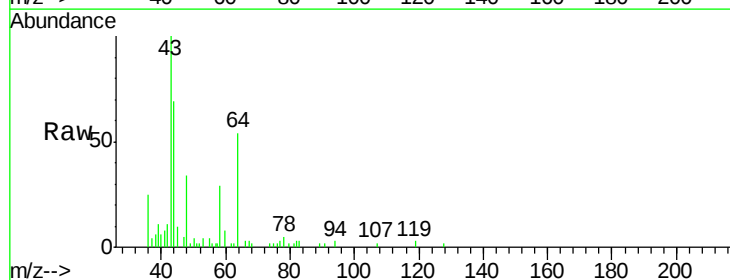
Instrument :
MSVOA_X
ClientSampleId :
W-43

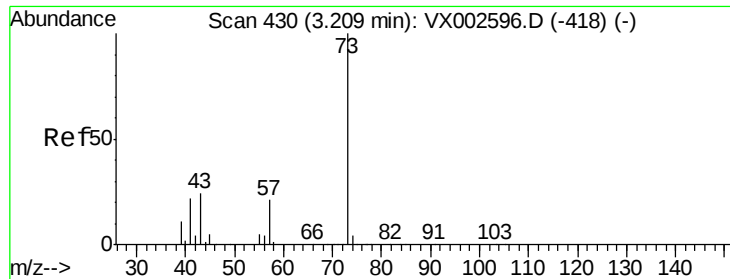
Tgt Ion: 59 Resp: 7241
Ion Ratio Lower Upper
59 100
57 14.4 8.2 12.2#



#16
Acetone
Concen: 3.597 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002749.D
Acq: 20 Jun 2018 18:33

Tgt Ion: 43 Resp: 5437
Ion Ratio Lower Upper
43 100
58 27.7 22.1 33.1

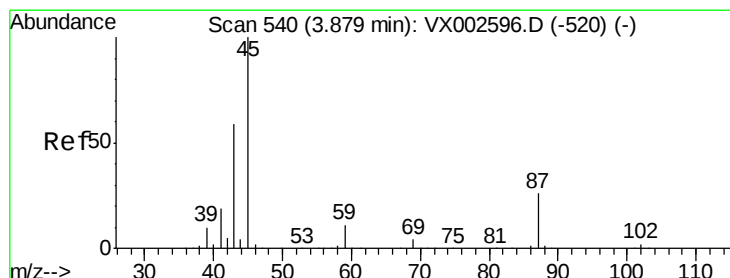
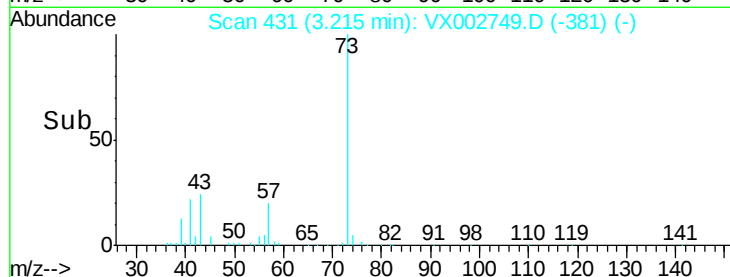
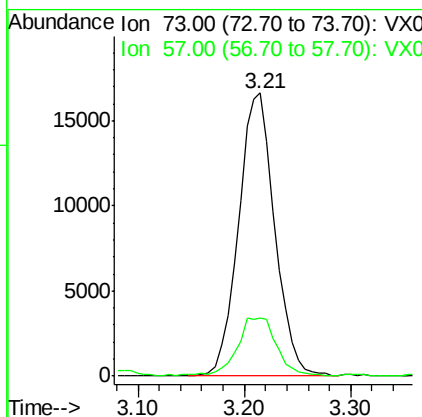
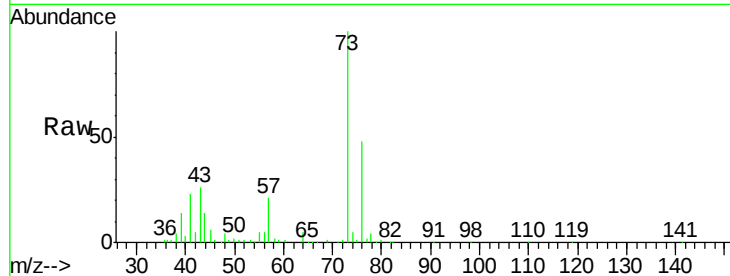




#19
Methyl tert-butyl Ether
Concen: 4.198 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002749.D
Acq: 20 Jun 2018 18:33

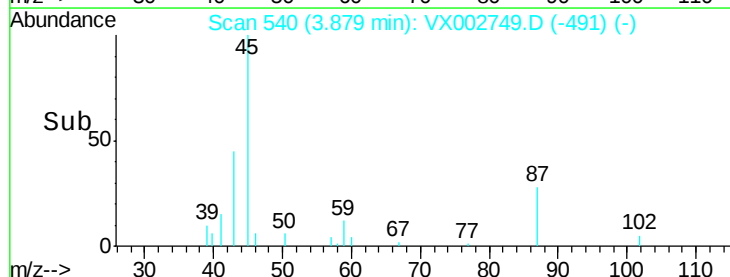
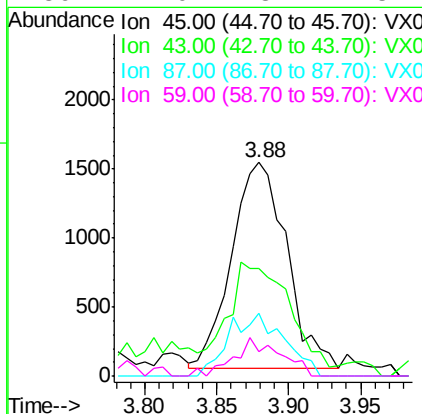
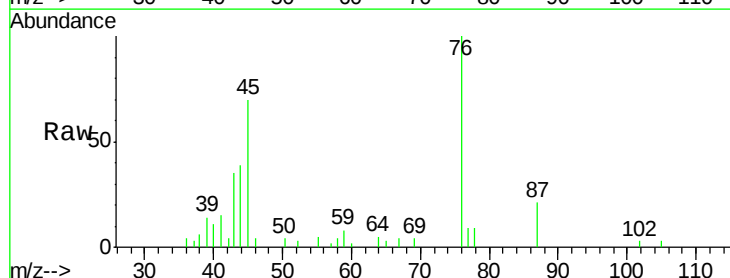
Instrument :
MSVOA_X
ClientSampleId :
W-43

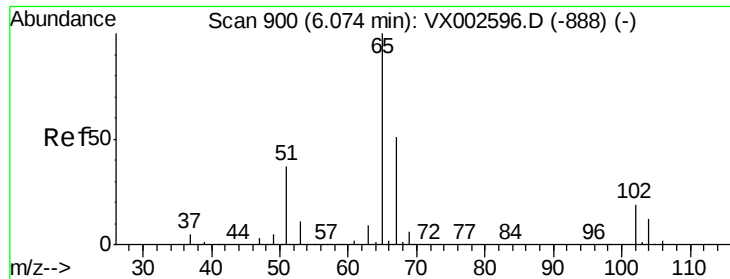
Tgt Ion: 73 Resp: 39669
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#22
Diisopropyl ether
Concen: 0.434 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX002749.D
Acq: 20 Jun 2018 18:33

Tgt Ion: 45 Resp: 3931
Ion Ratio Lower Upper
45 100
43 47.5 46.8 70.2
87 30.6 20.2 30.4#
59 12.0 8.7 13.1

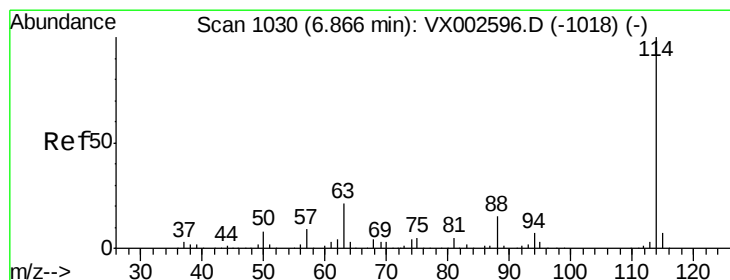
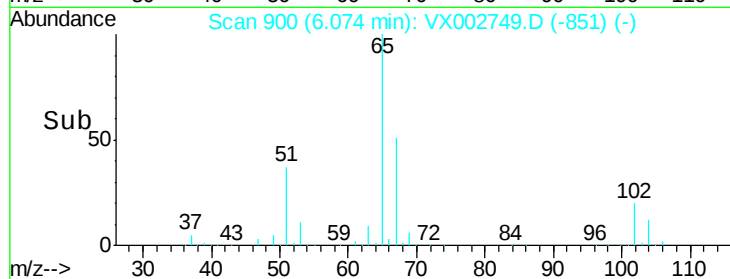
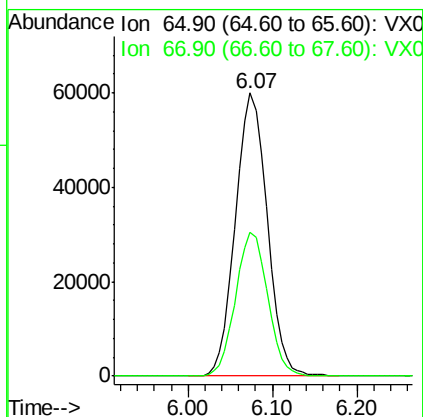
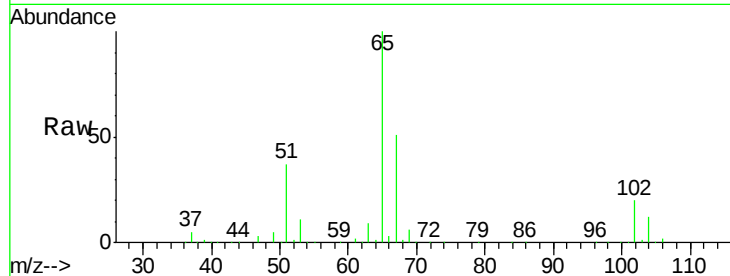




#33
 1,2-Dichloroethane-d4
 Concen: 44.749 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002749.D
 Acq: 20 Jun 2018 18:33

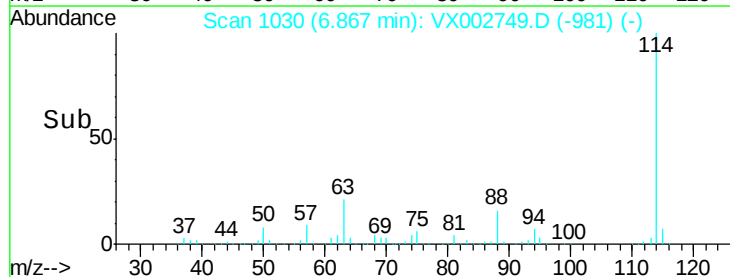
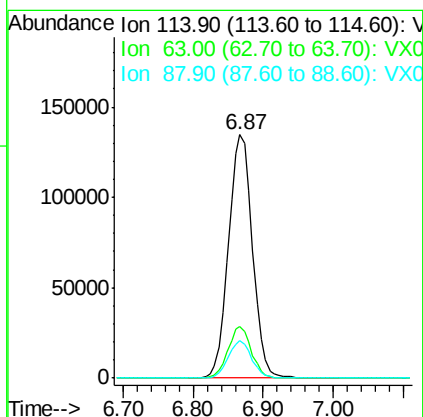
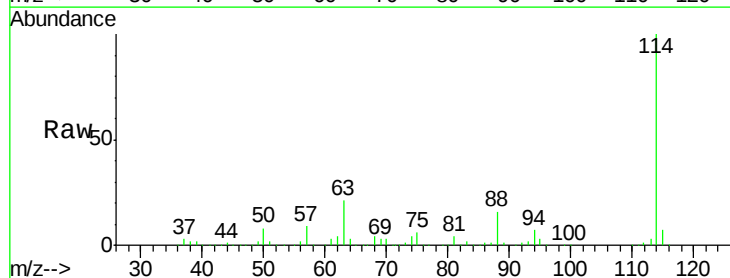
Instrument :
 MSVOA_X
 ClientSampleId :
 W-43

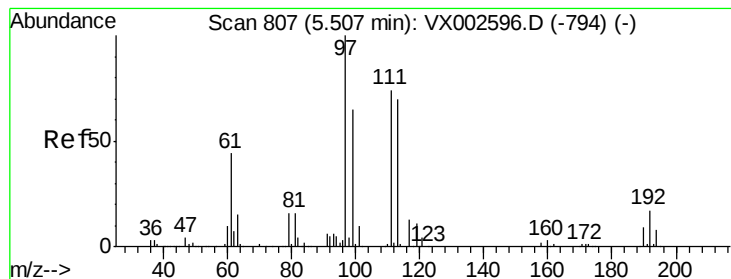
Tgt Ion: 65 Resp: 153306
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002749.D
 Acq: 20 Jun 2018 18:33

Tgt Ion: 114 Resp: 320061
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.4
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.499 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002749.D

Acq: 20 Jun 2018 18:33

Instrument :

MSVOA_X

ClientSampled :

W-43

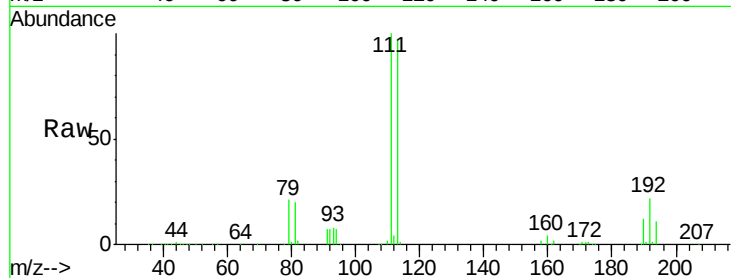
Tgt Ion:113 Resp: 123886

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

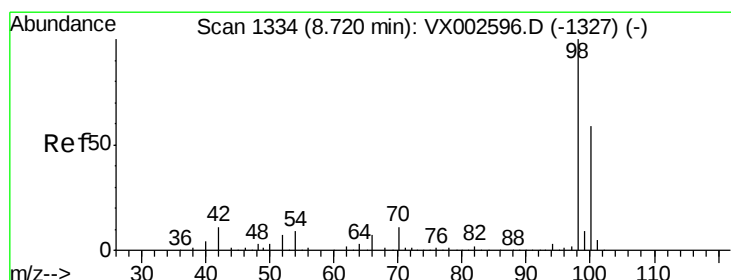
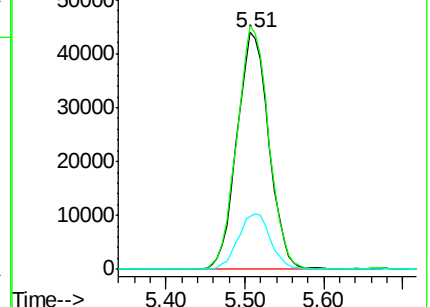
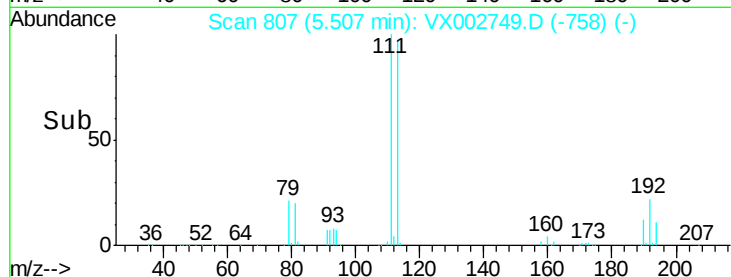
192 23.8 19.1 28.7



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: 46.258 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002749.D

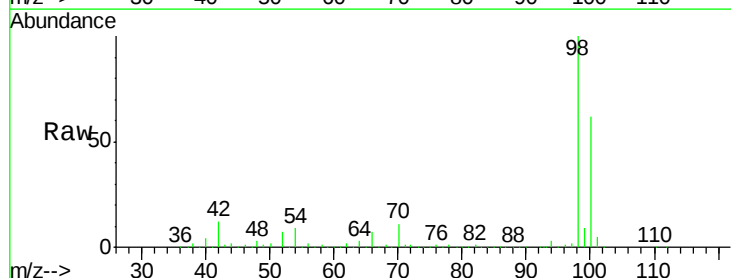
Acq: 20 Jun 2018 18:33

Tgt Ion: 98 Resp: 448651

Ion Ratio Lower Upper

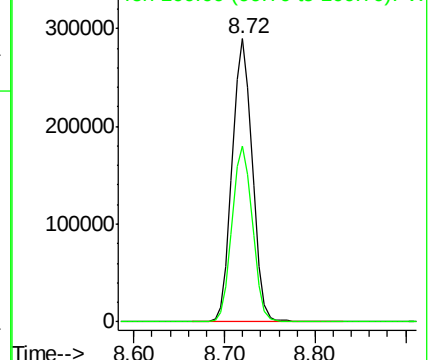
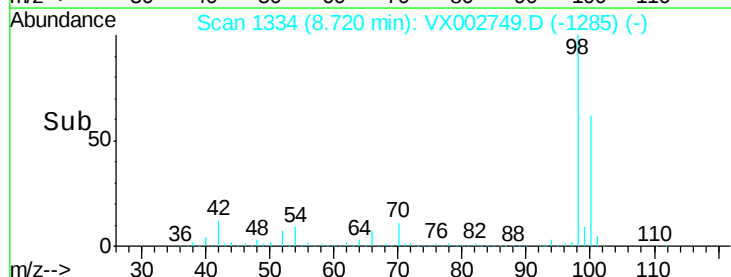
98 100

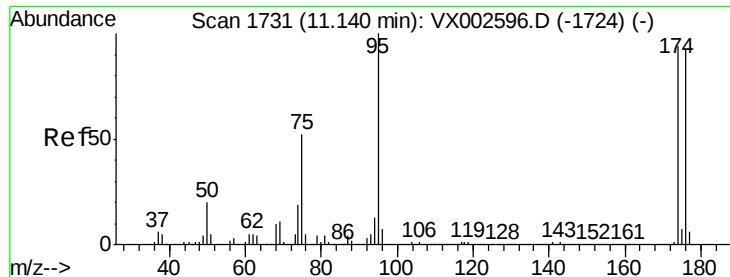
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.743 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002749.D

Acq: 20 Jun 2018 18:33

Instrument :

MSVOA_X

ClientSampleId :

W-43

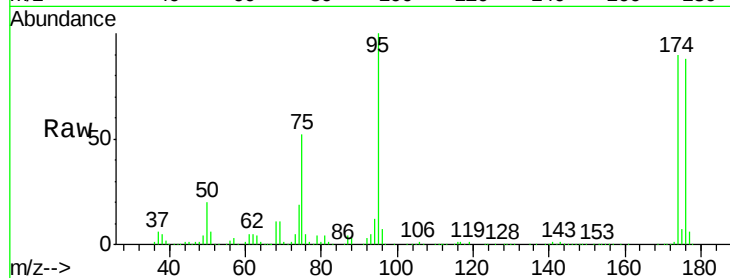
Tgt Ion: 95 Resp: 164444

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

176 93.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002749.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002749.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002749.D (-1682) (-)

11.14

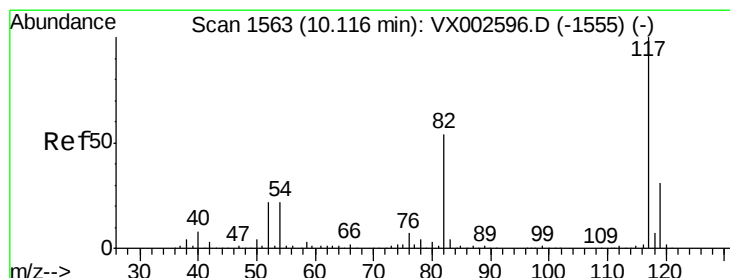
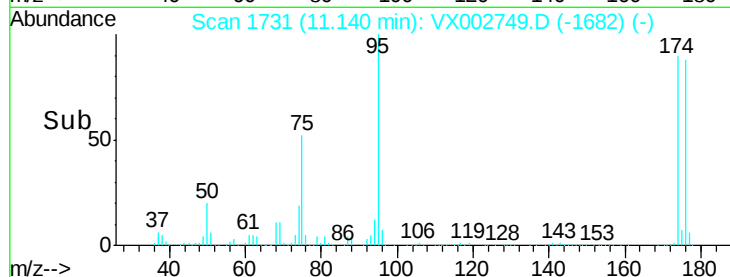
150000

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: VX002749.D

Acq: 20 Jun 2018 18:33

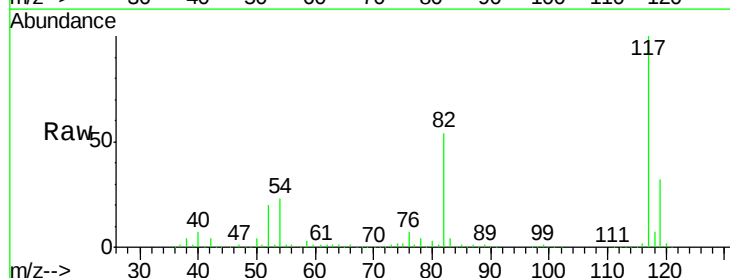
Tgt Ion: 117 Resp: 298357

Ion Ratio Lower Upper

117 100

82 54.3 45.0 67.4

119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002749.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002749.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002749.D (-1514) (-)

10.12

300000

250000

200000

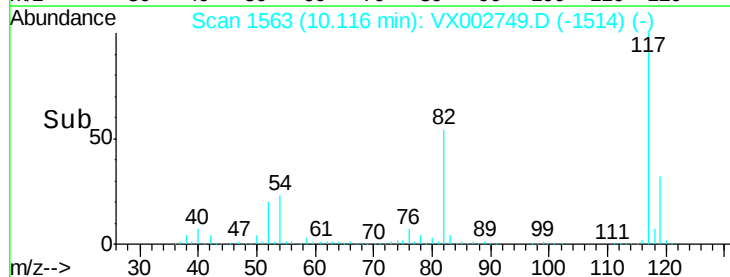
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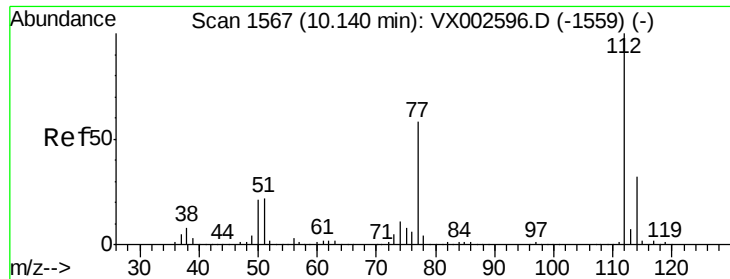
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50000

0

Time-->

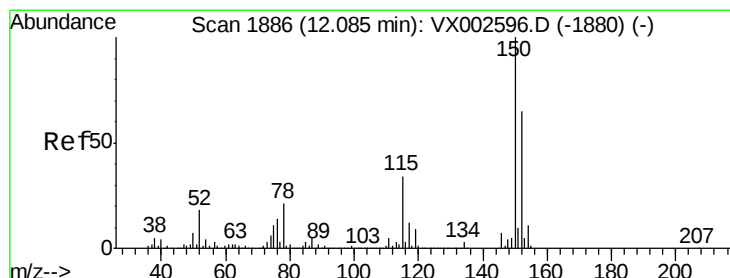
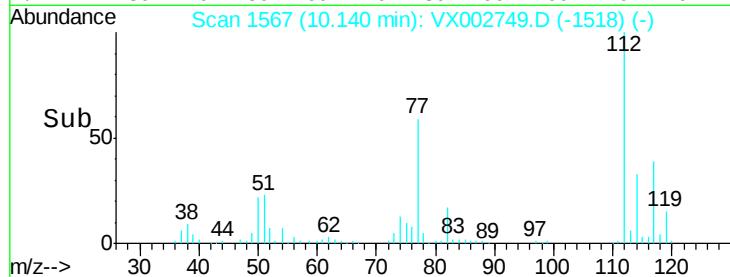
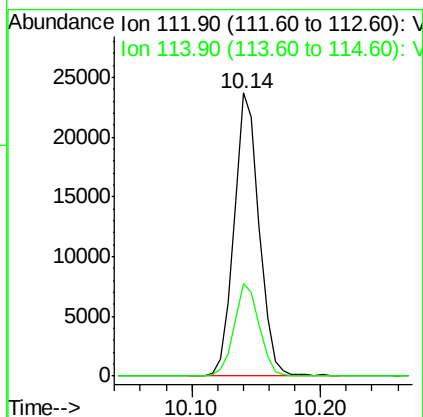
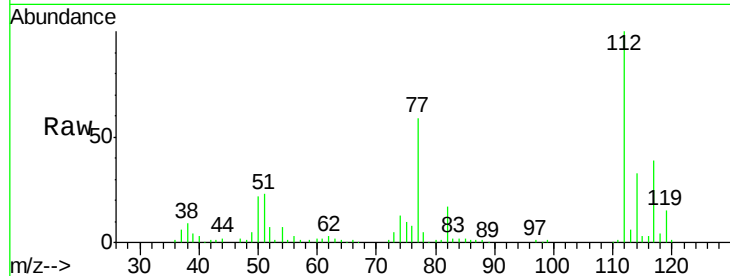




#65
Chlorobenzene
Concen: 4.385 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002749.D
Acq: 20 Jun 2018 18:33

Instrument :
MSVOA_X
ClientSampled :
W-43

Tgt Ion:112 Resp: 32131
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002749.D
Acq: 20 Jun 2018 18:33

Tgt Ion:152 Resp: 173858
Ion Ratio Lower Upper
152 100
115 55.1 40.1 120.2
150 158.5 0.0 347.2

