

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002633.D
 Acq On : 16 Jun 2018 08:31
 Operator : JC/MD
 Sample : J3477-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-EB-2018-1

Quant Time: Jun 18 07:14:33 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

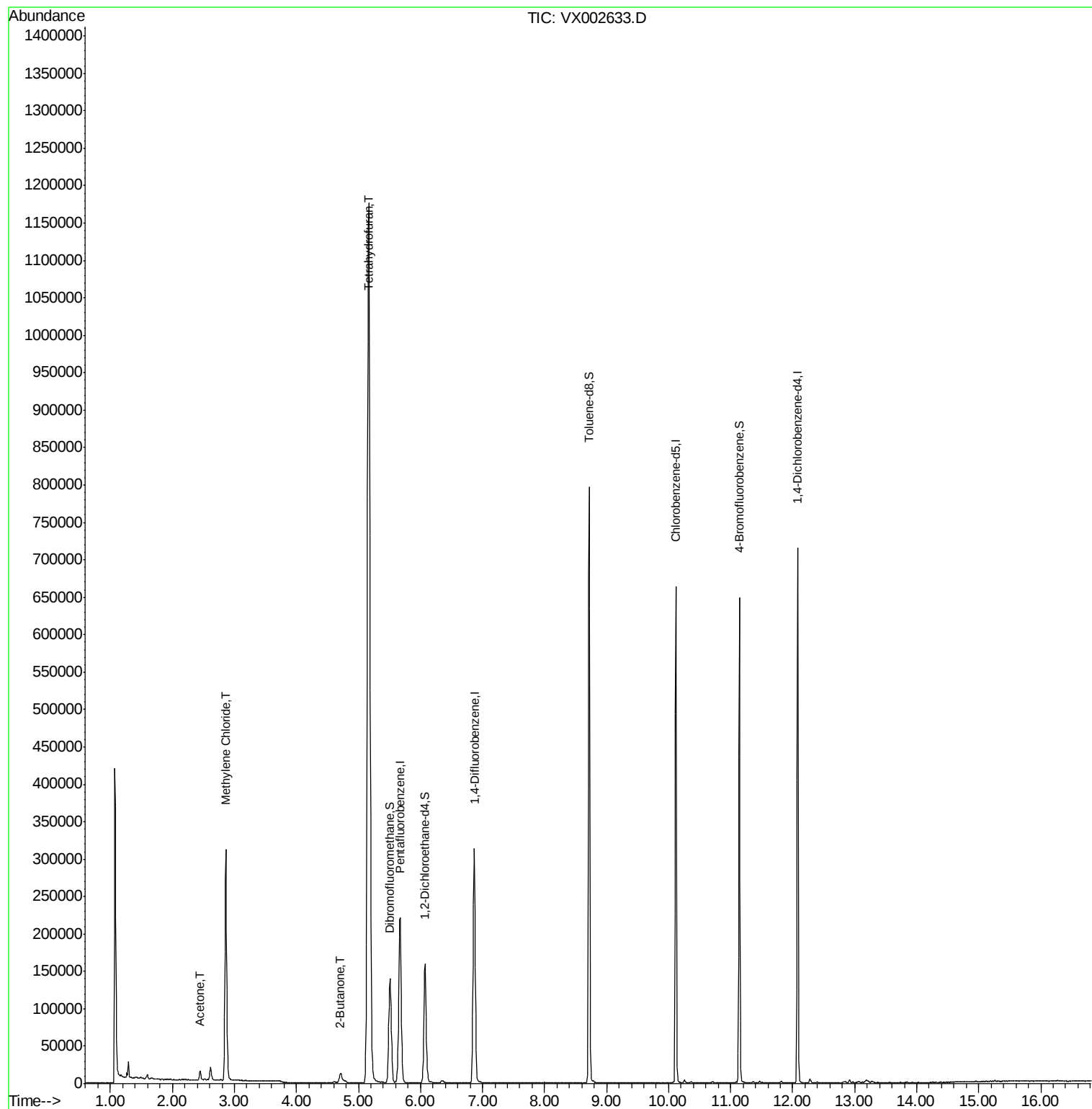
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148844	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
35) Dibromofluoromethane	5.51	113	113995	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
50) Toluene-d8	8.72	98	445025	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.14	95	148721	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.24%	
Target Compounds						
16) Acetone	2.45	43	13572	9.14	ug/l	100
20) Methylene Chloride	2.86	84	137637	45.18	ug/l	98
25) 2-Butanone	4.71	43	23924	12.26	ug/l	100
29) Tetrahydrofuran	5.17	42	1088887	851.59	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002633.D

Acq: 16 Jun 2018 08:31

Instrument :

MSVOA_X

ClientSampleId :

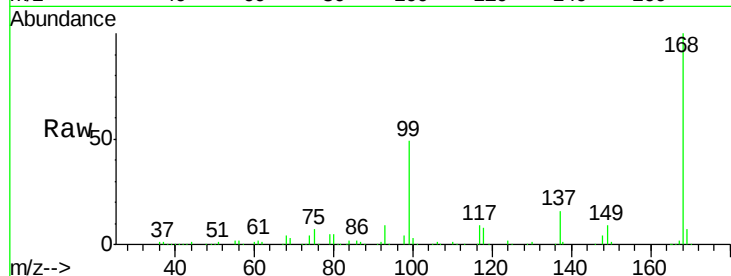
S36-EB-2018-1

Tot Ion:168 Resp: 221589

Ion Ratio Lower Upper

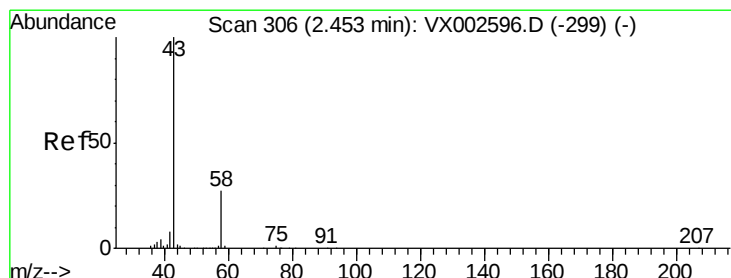
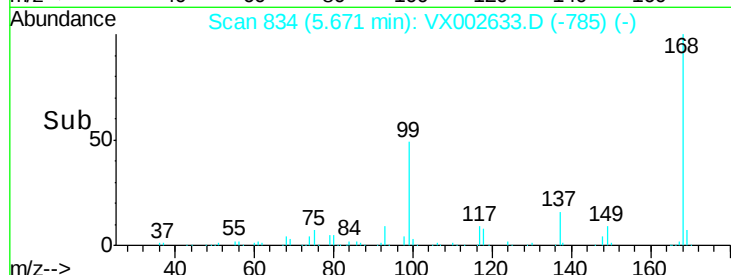
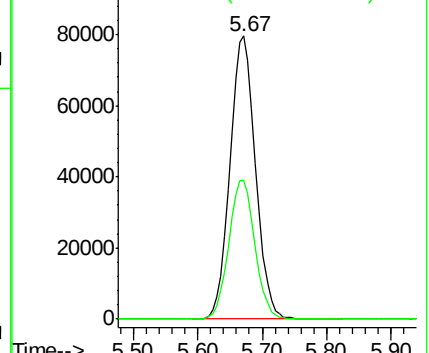
168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 9.14 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002633.D

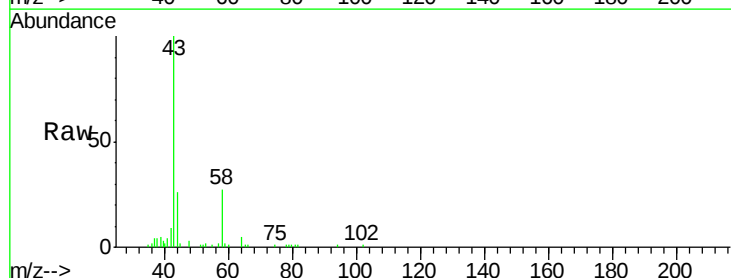
Acq: 16 Jun 2018 08:31

Tgt Ion: 43 Resp: 13572

Ion Ratio Lower Upper

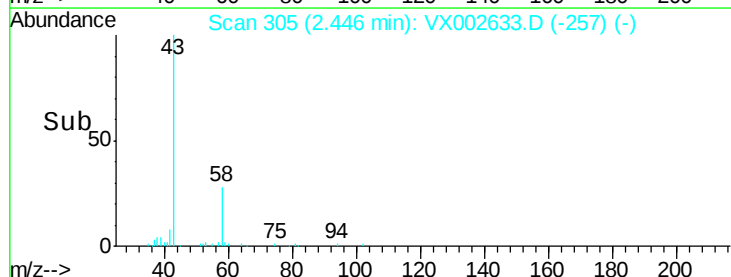
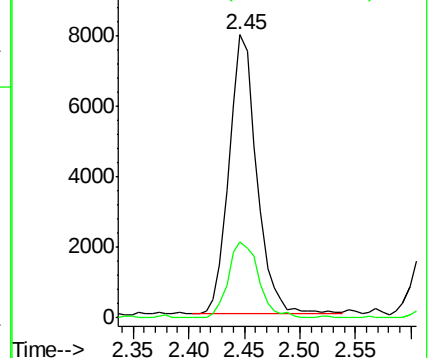
43 100

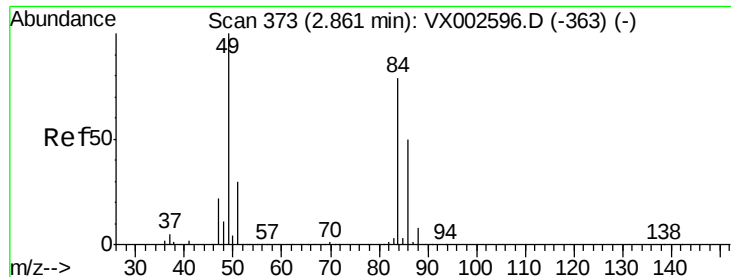
58 27.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 45.18 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002633.D

Acq: 16 Jun 2018 08:31

Instrument :

MSVOA_X

ClientSampleId :

S36-EB-2018-1

Tot Ion: 84 Resp: 137637

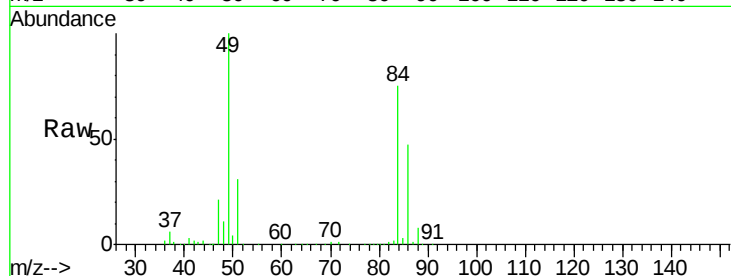
Ion Ratio Lower Upper

84 100

49 132.7 107.8 161.6

51 40.6 32.8 49.2

86 62.5 52.5 78.7

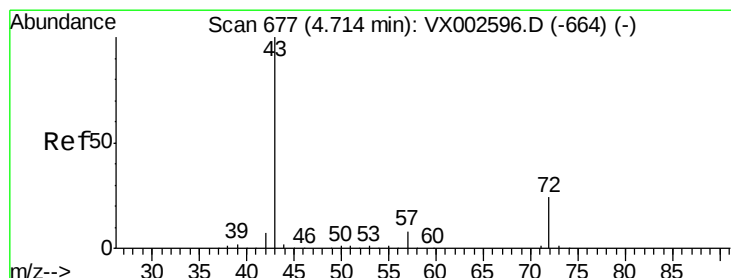
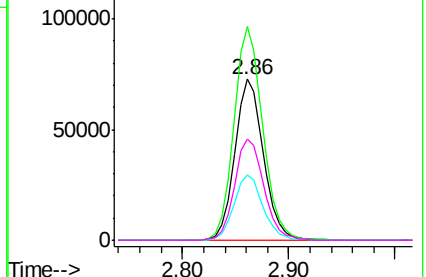
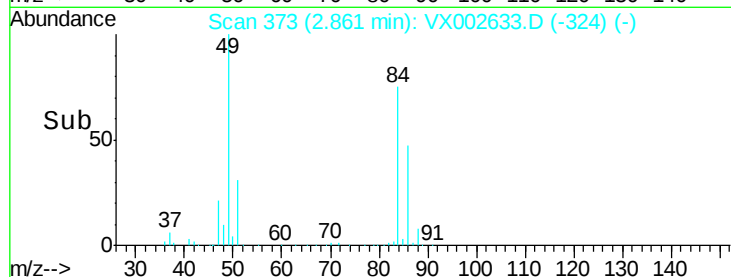


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 12.26 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002633.D

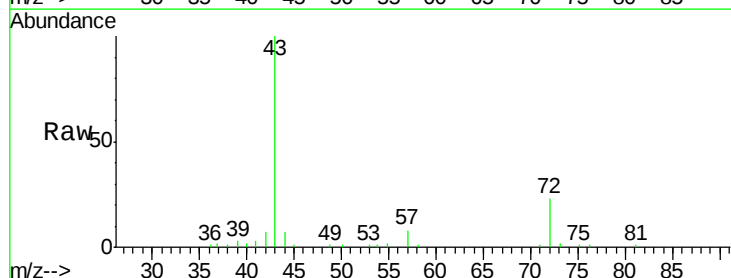
Acq: 16 Jun 2018 08:31

Tgt Ion: 43 Resp: 23924

Ion Ratio Lower Upper

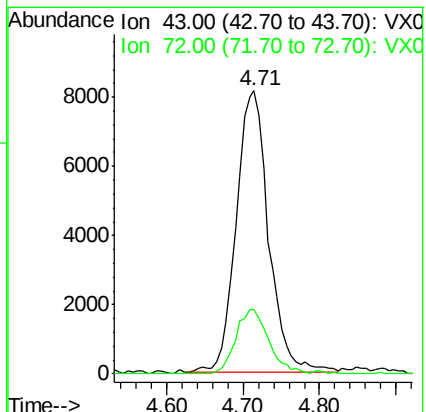
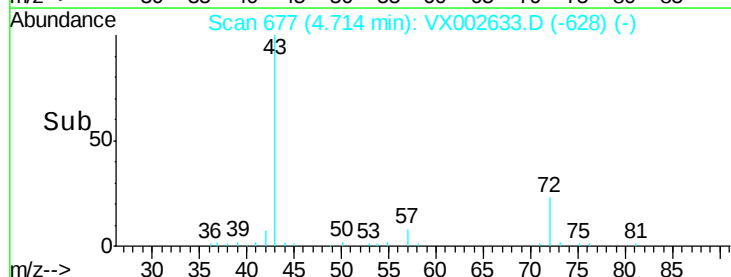
43 100

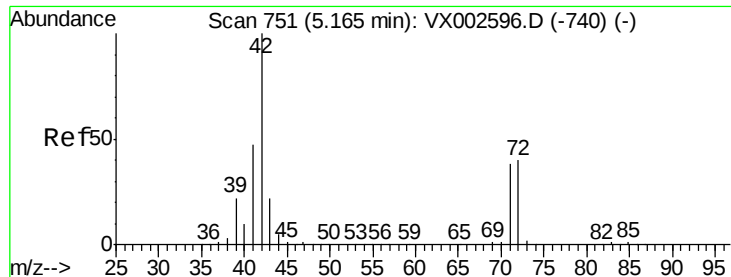
72 22.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

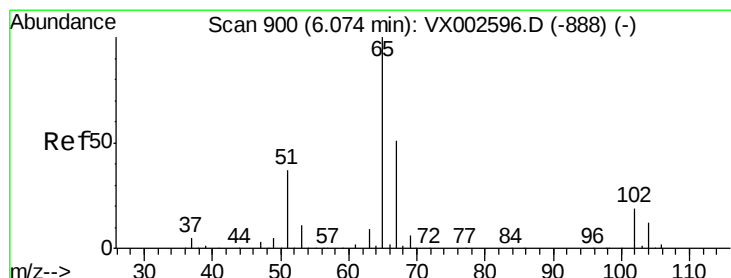
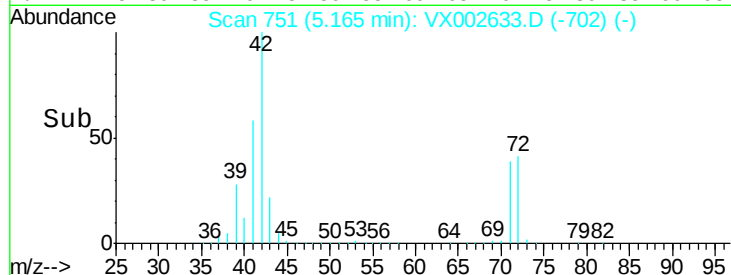
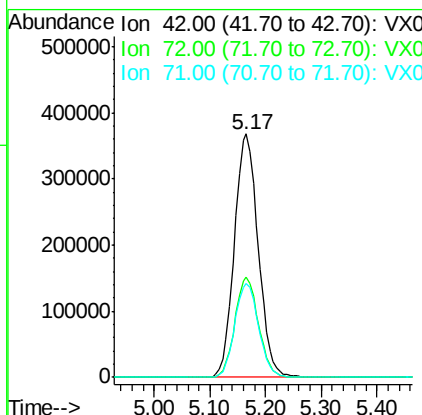
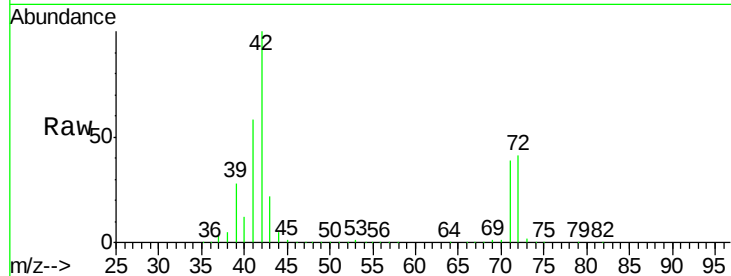




#29
Tetrahydrofuran
Concen: 851.59 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002633.D
Acq: 16 Jun 2018 08:31

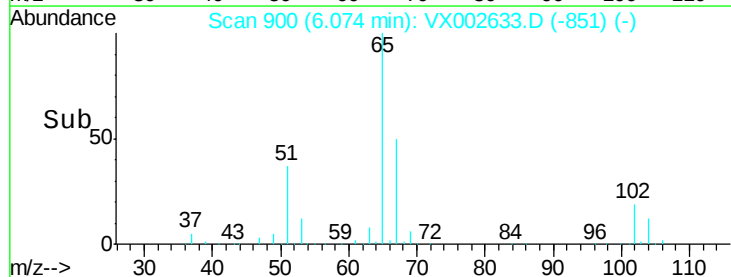
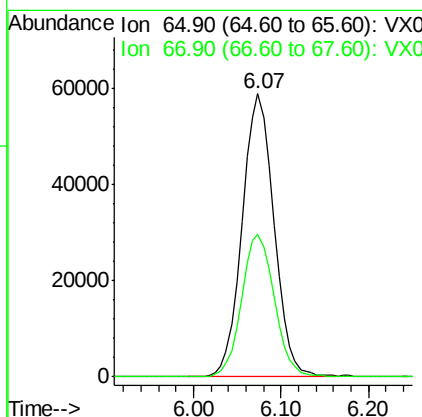
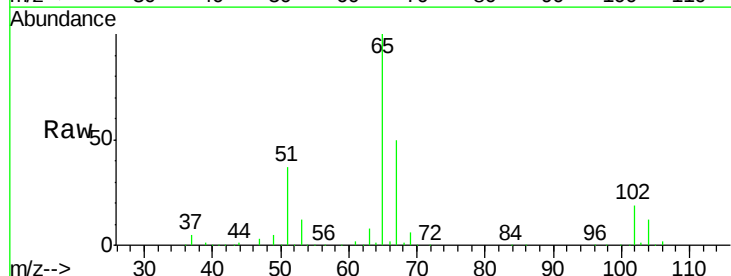
Instrument :
MSVOA_X
ClientSampleId :
S36-EB-2018-1

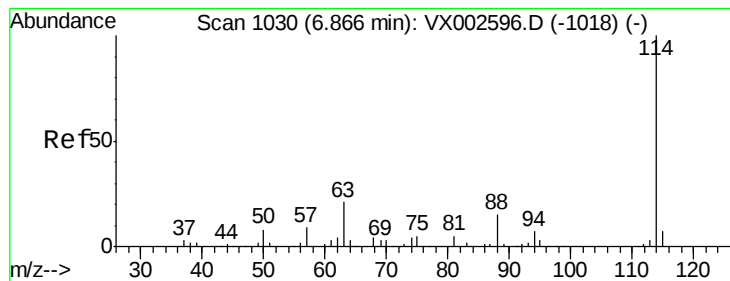
Tot Ion: 42 Resp: 1088887
Ion Ratio Lower Upper
42 100
72 40.8 32.0 48.0
71 38.9 30.1 45.1



#33
1,2-Dichloroethane-d4
Concen: 44.20 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002633.D
Acq: 16 Jun 2018 08:31

Tgt Ion: 65 Resp: 148844
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002633.D

Acq: 16 Jun 2018 08:31

Instrument :

MSVOA_X

ClientSampleId :

S36-EB-2018-1

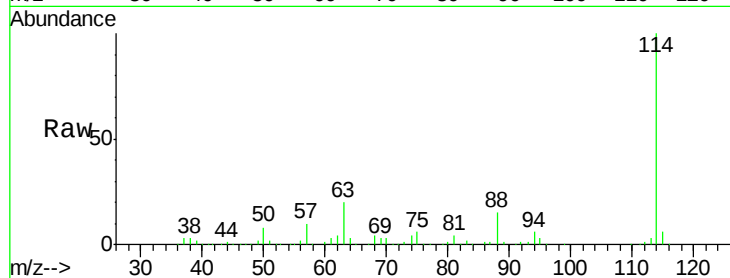
Tot Ion:114 Resp: 311210

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

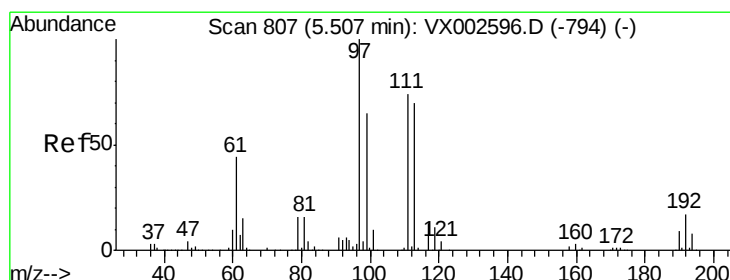
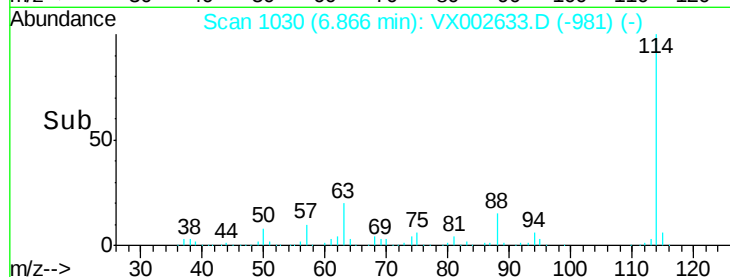
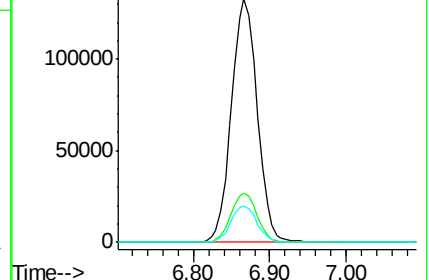
88 14.7 0.0 30.0



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: 45.90 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002633.D

Acq: 16 Jun 2018 08:31

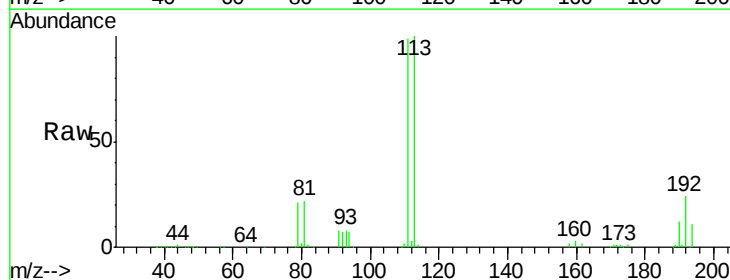
Tgt Ion:113 Resp: 113995

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

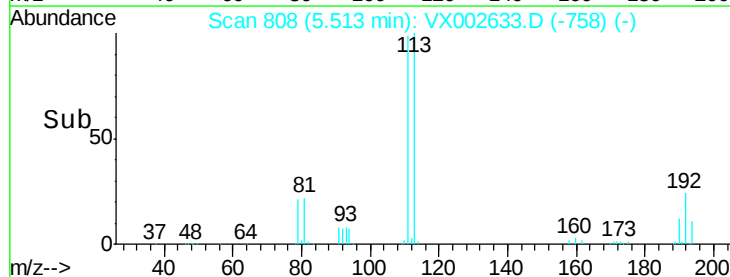
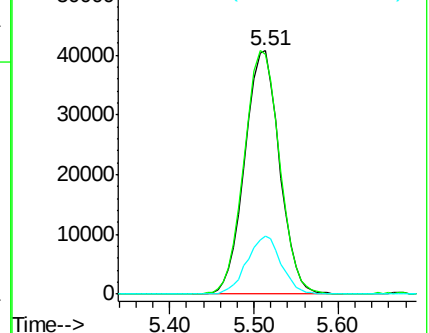
192 23.5 19.1 28.7

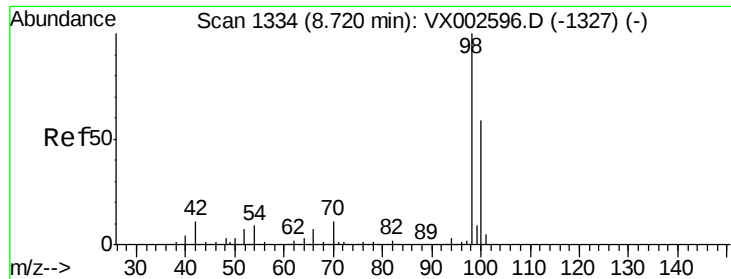


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.19 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002633.D

Acq: 16 Jun 2018 08:31

Instrument :

MSVOA_X

ClientSampleId :

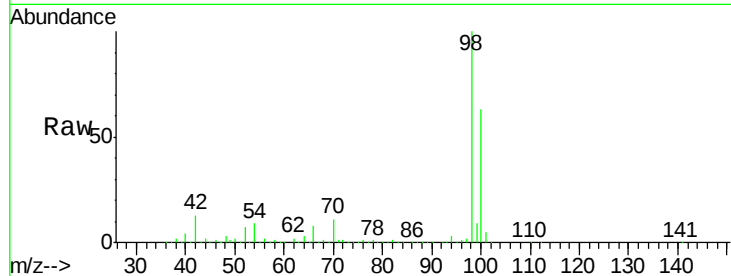
S36-EB-2018-1

Tot Ion: 98 Resp: 445025

Ion Ratio Lower Upper

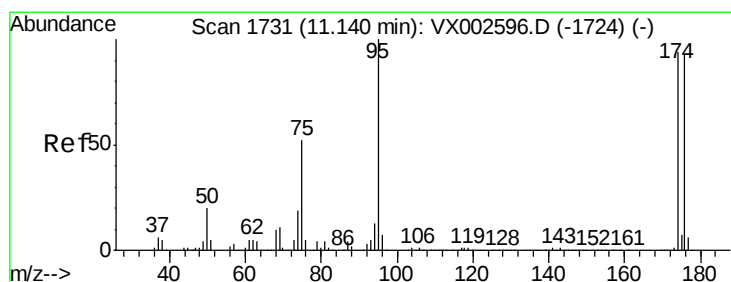
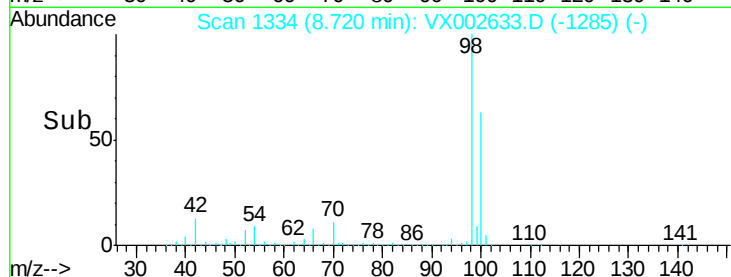
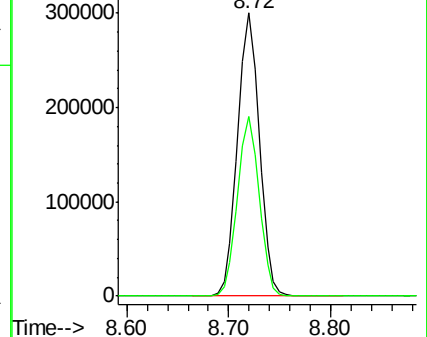
98 100

100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 41.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002633.D

Acq: 16 Jun 2018 08:31

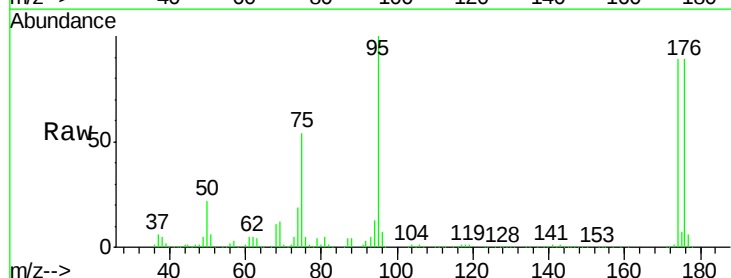
Tgt Ion: 95 Resp: 148721

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.4

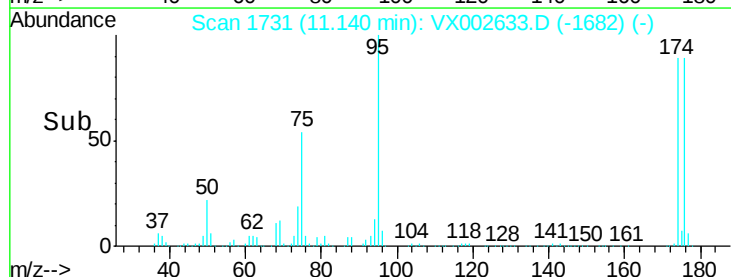
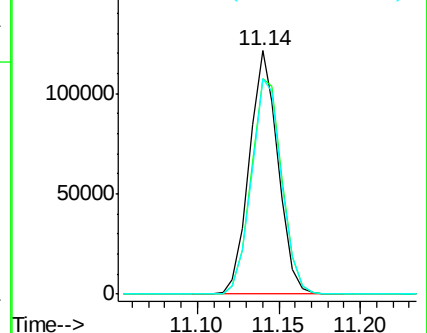
176 92.8 0.0 181.0

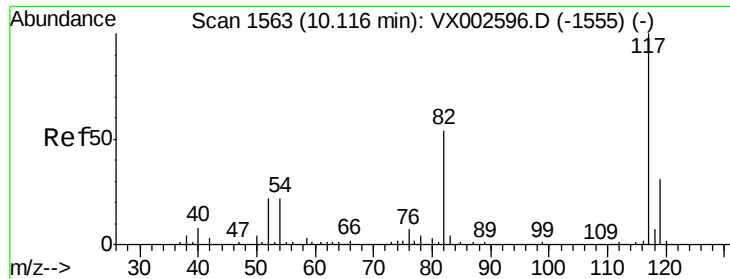


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002633.D

Acq: 16 Jun 2018 08:31

Instrument :

MSVOA_X

ClientSampled :

S36-EB-2018-1

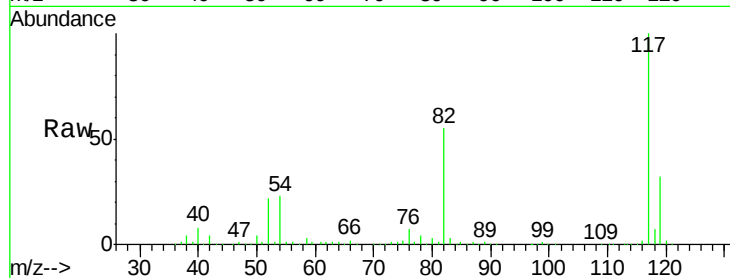
Tot Ion:117 Resp: 284400

Ion Ratio Lower Upper

117 100

82 55.1 45.0 67.4

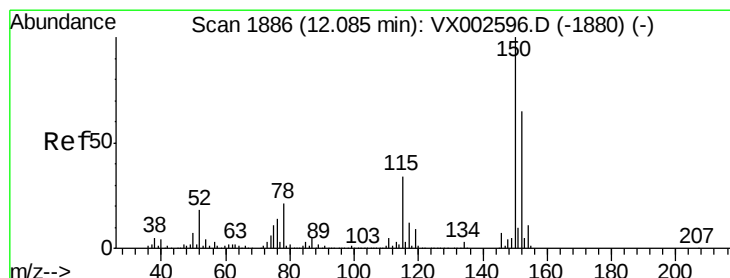
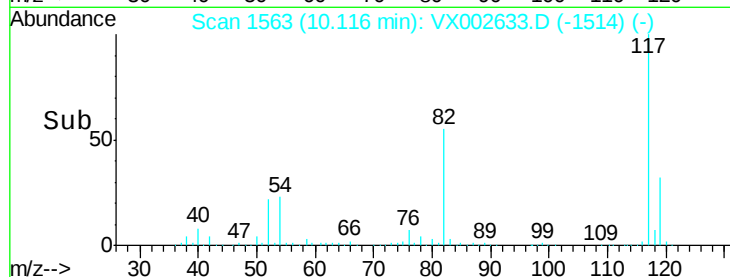
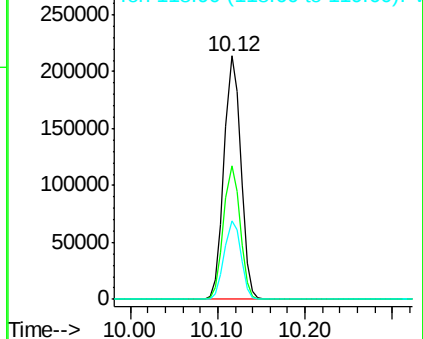
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002633.D

Acq: 16 Jun 2018 08:31

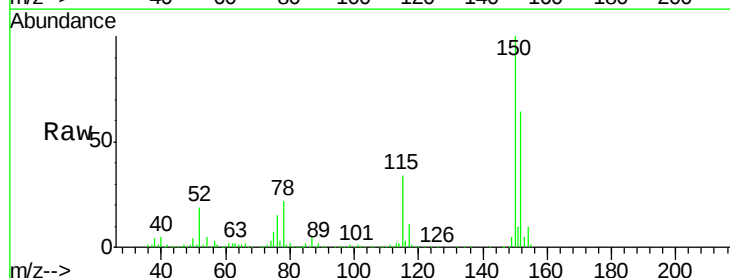
Tgt Ion:152 Resp: 151772

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

150 155.6 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

