

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005543.D
 Acq On : 24 Oct 2018 16:06
 Operator : JC/MD
 Sample : J5655-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-EB-2018-1

Quant Time: Oct 25 05:19:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

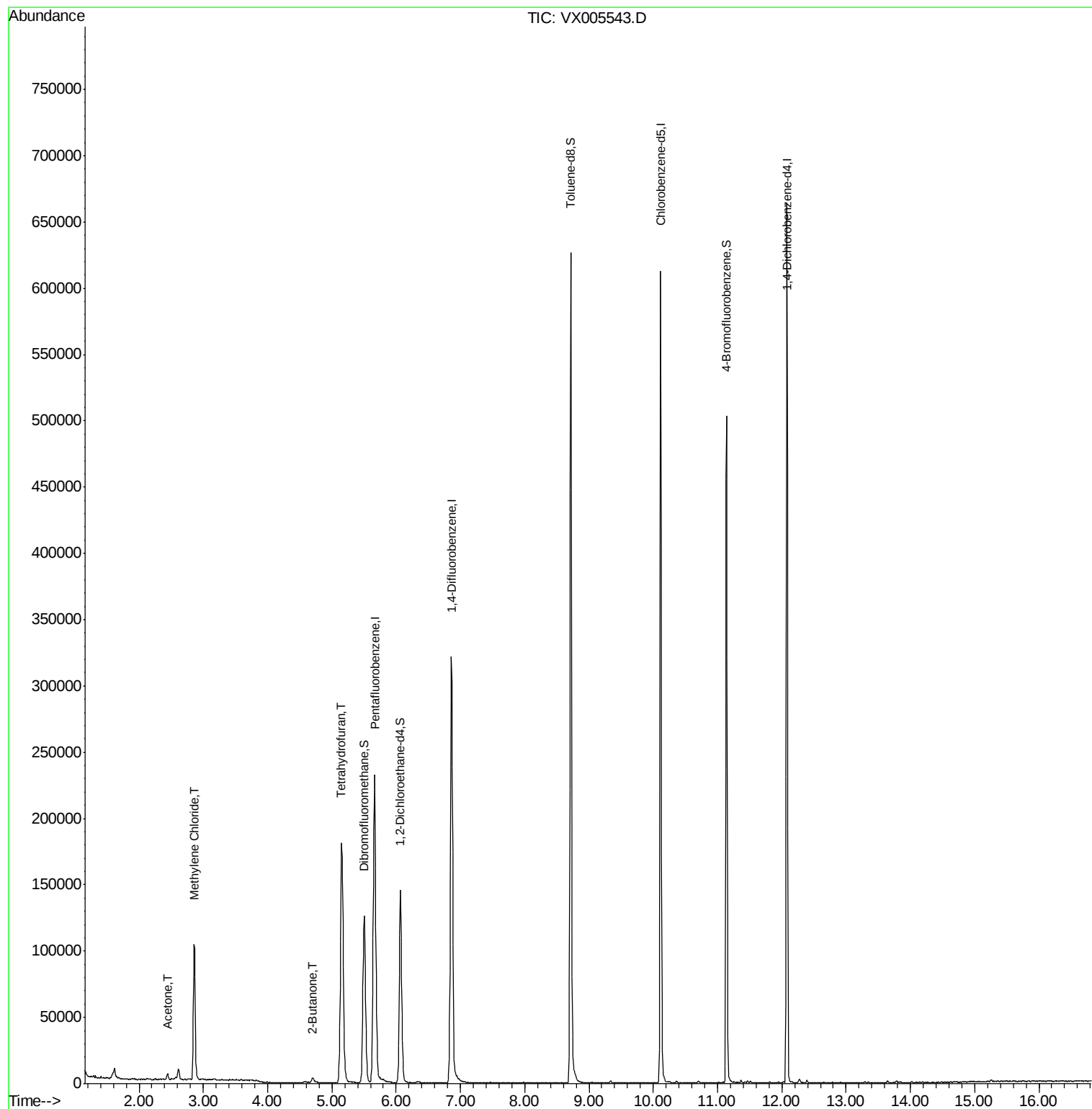
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138247	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
35) Dibromofluoromethane	5.50	113	107467	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	385497	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	126414	41.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.78%	
Target Compounds						
16) Acetone	2.45	43	4805	3.160	ug/l	94
20) Methylene Chloride	2.86	84	46319	18.189	ug/l	97
25) 2-Butanone	4.70	43	6449	2.785	ug/l	99
29) Tetrahydrofuran	5.15	42	169482	112.477	ug/l	92

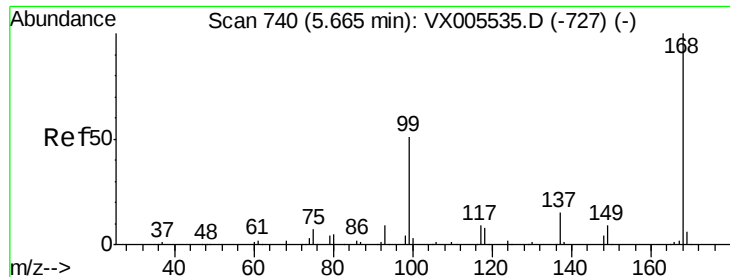
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005543.D

Acq: 24 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

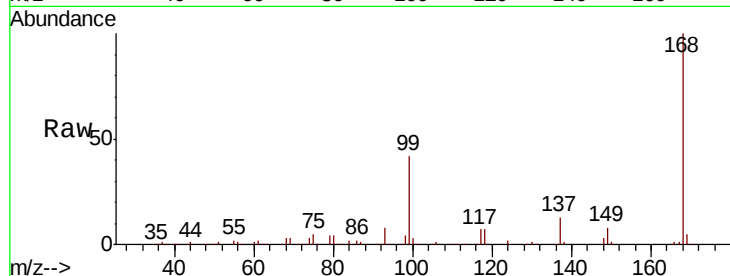
S37-EB-2018-1

Tot Ion:168 Resp: 235724

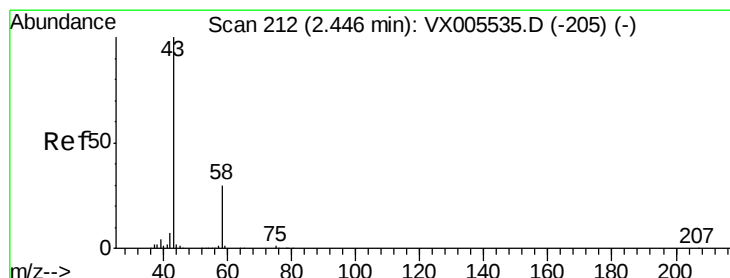
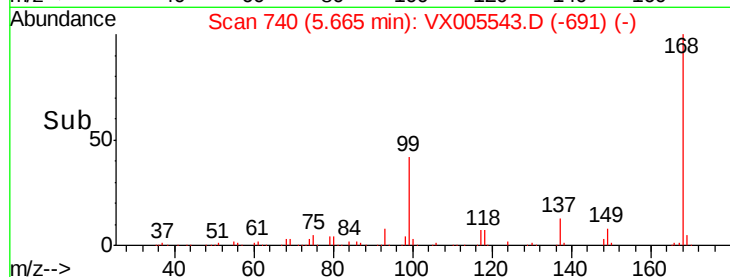
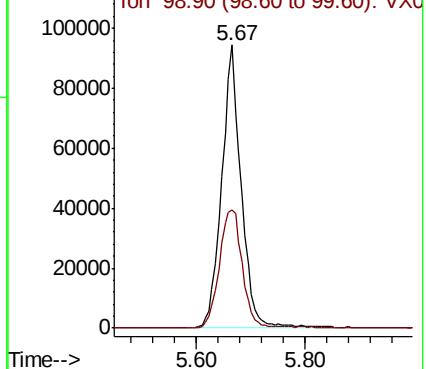
Ion Ratio Lower Upper

168 100

99 42.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 3.160 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005543.D

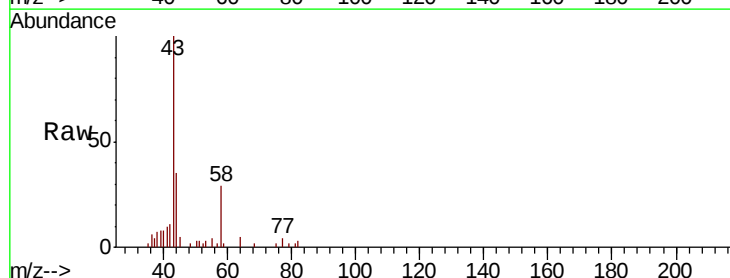
Acq: 24 Oct 2018 16:06

Tgt Ion: 43 Resp: 4805

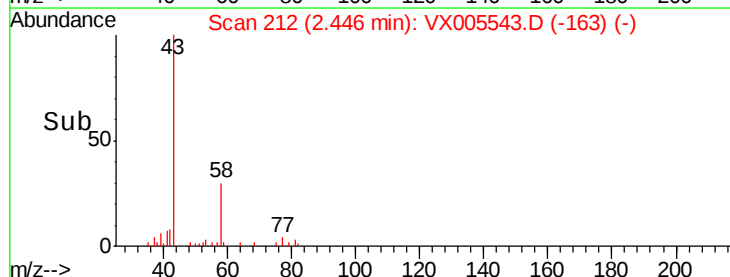
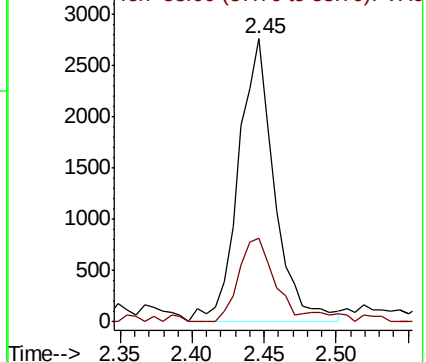
Ion Ratio Lower Upper

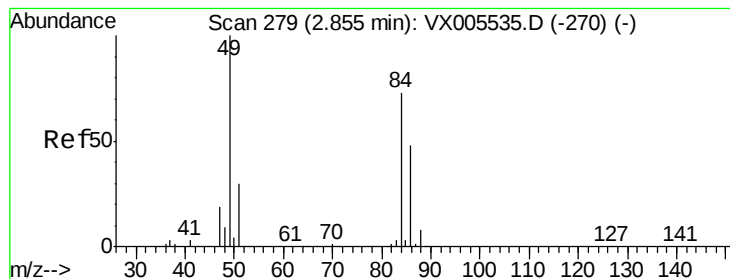
43 100

58 29.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0





#20

Methylene Chloride

Concen: 18.189 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005543.D

Acq: 24 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

S37-EB-2018-1

Tot Ion: 84 Resp: 46319

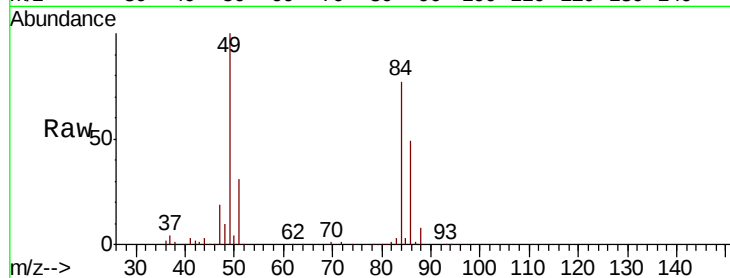
Ion Ratio Lower Upper

84 100

49 129.8 101.2 151.8

51 40.5 29.5 44.3

86 63.3 52.3 78.5

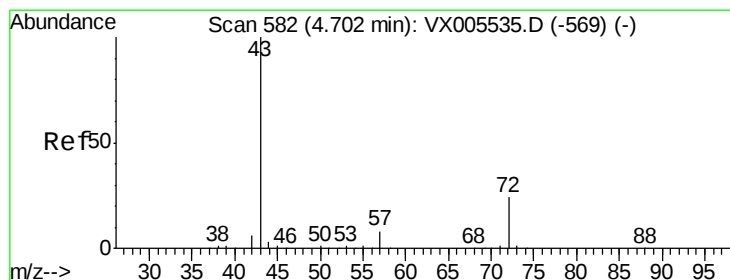
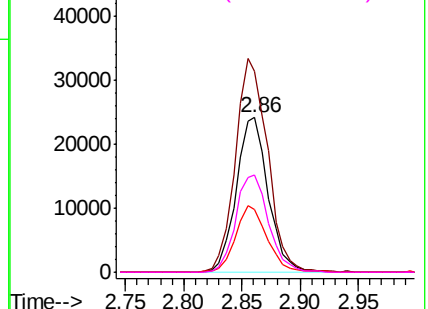
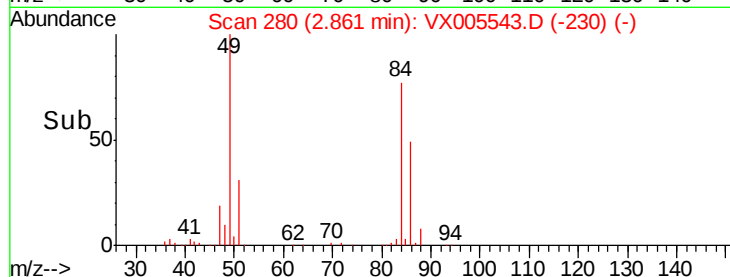


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 2.785 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005543.D

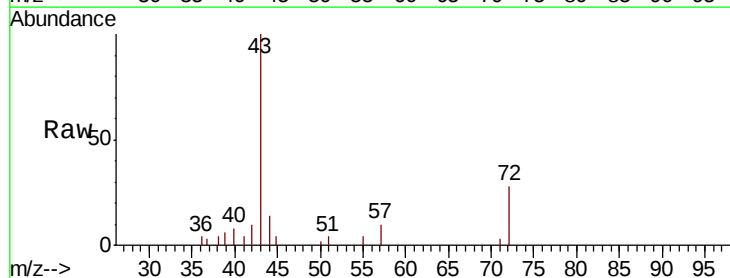
Acq: 24 Oct 2018 16:06

Tgt Ion: 43 Resp: 6449

Ion Ratio Lower Upper

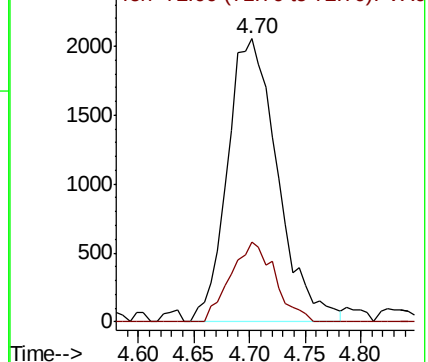
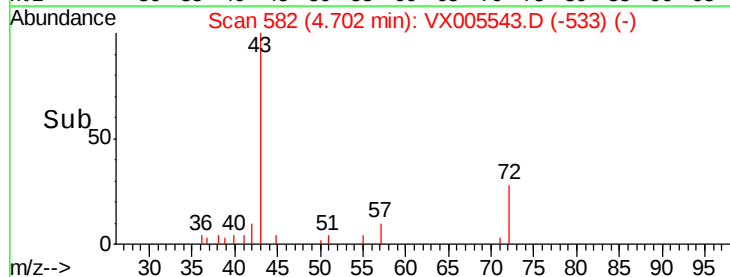
43 100

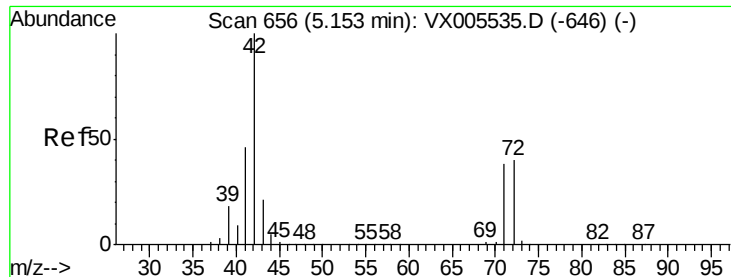
72 28.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

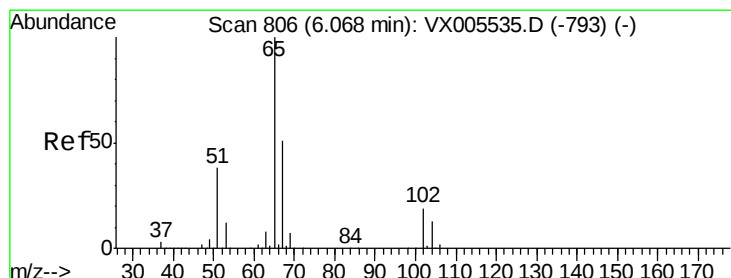
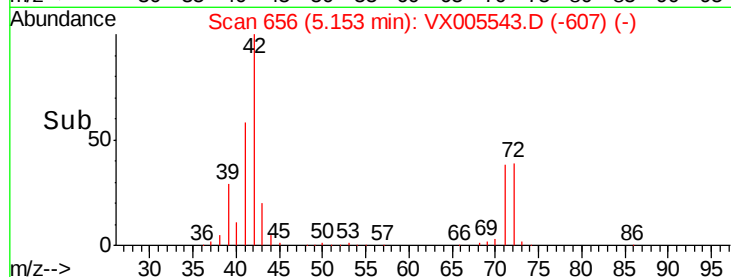
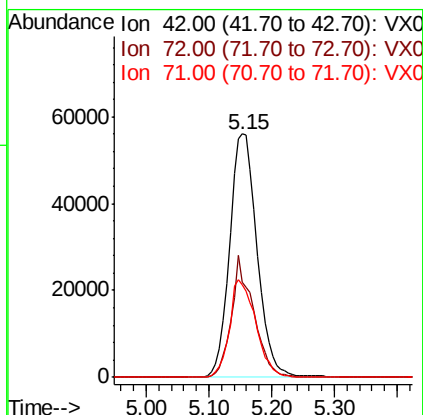
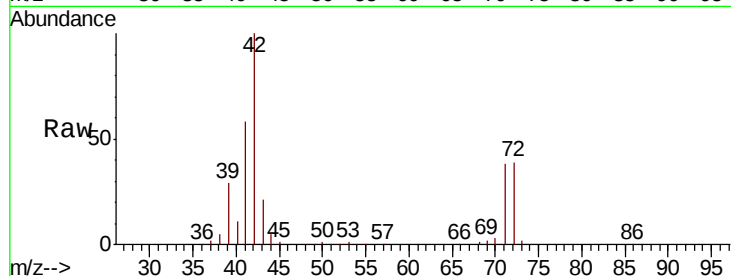




#29
Tetrahydrofuran
Concen: 112.477 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

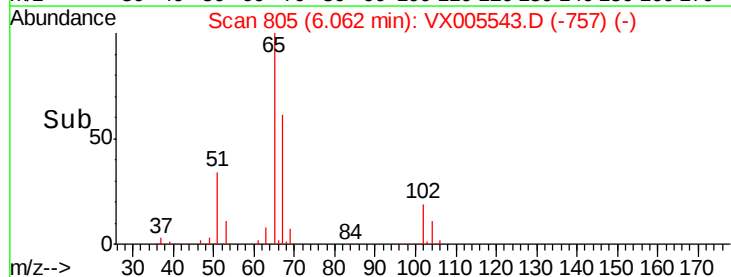
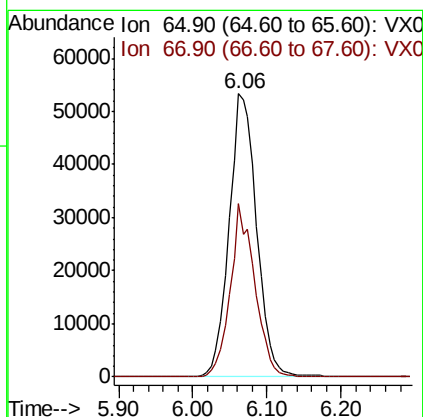
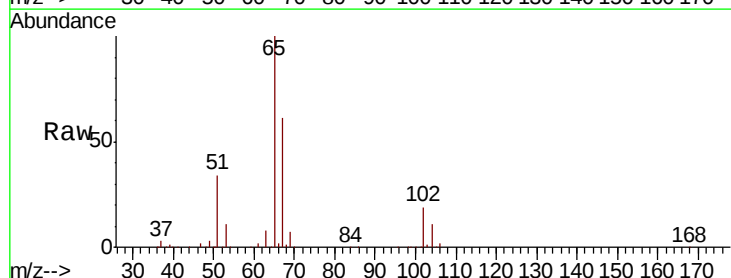
Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

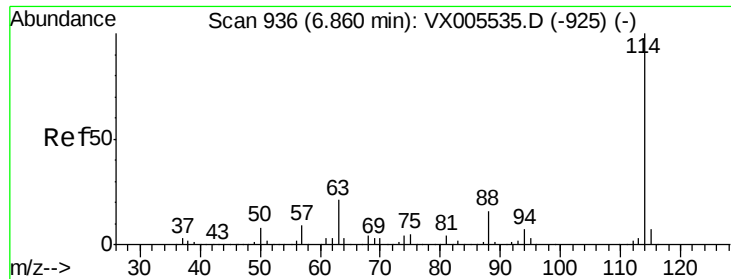
Tot Ion: 42 Resp: 169482
Ion Ratio Lower Upper
42 100
72 40.5 37.4 56.0
71 38.4 34.5 51.7



#33
1,2-Dichloroethane-d4
Concen: 48.045 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 65 Resp: 138247
Ion Ratio Lower Upper
65 100
67 54.7 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005543.D

Acq: 24 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

S37-EB-2018-1

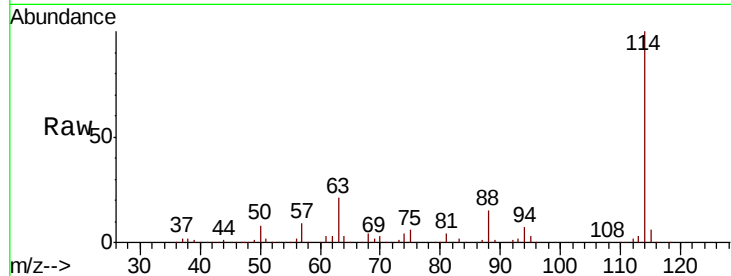
Tot Ion:114 Resp: 328411

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

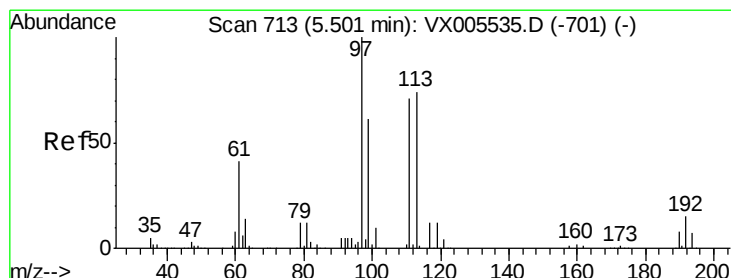
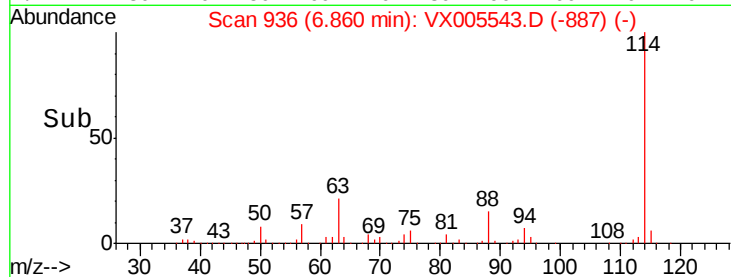
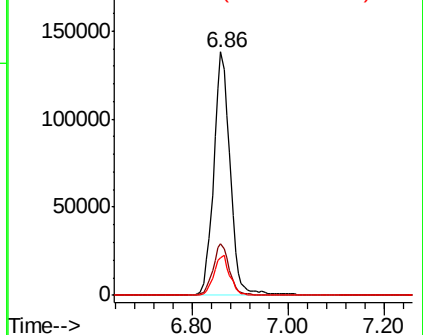
88 15.5 0.0 30.4



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: 48.328 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005543.D

Acq: 24 Oct 2018 16:06

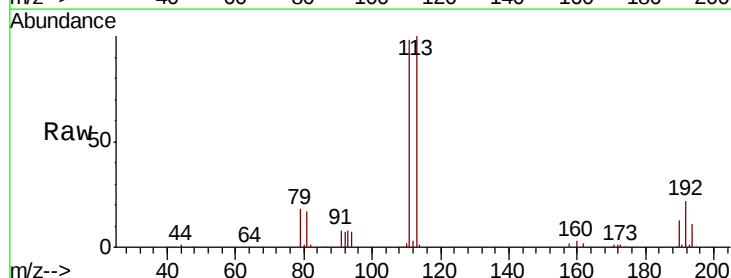
Tgt Ion:113 Resp: 107467

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

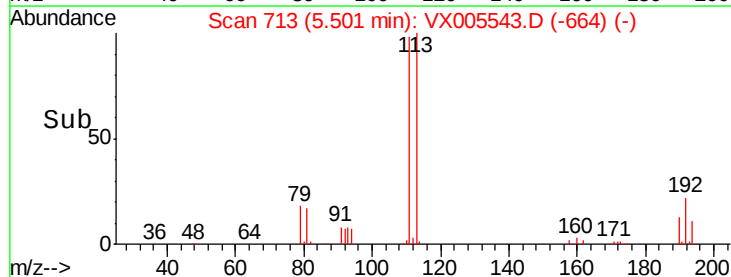
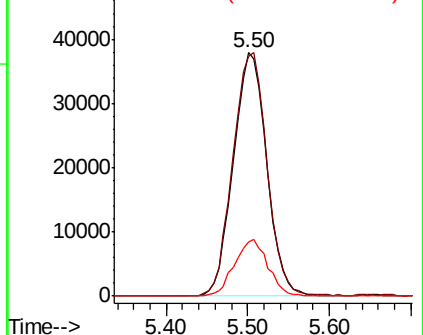
192 23.1 19.4 29.2

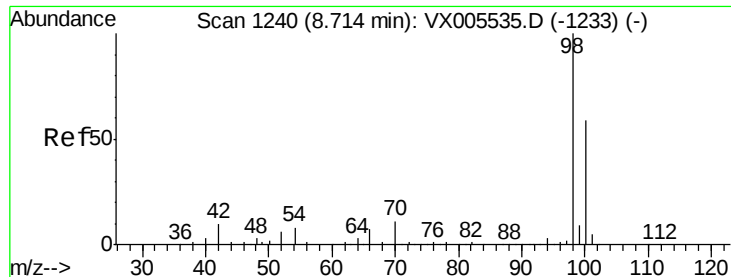


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.246 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005543.D

Acq: 24 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

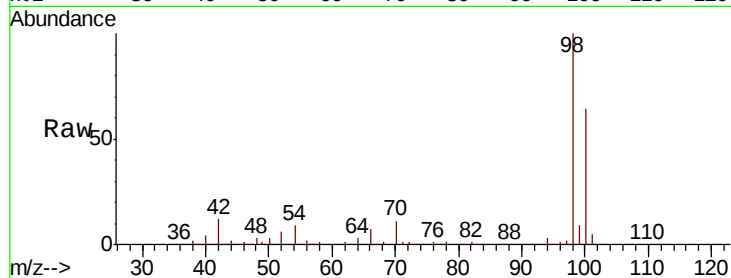
S37-EB-2018-1

Tot Ion: 98 Resp: 385497

Ion Ratio Lower Upper

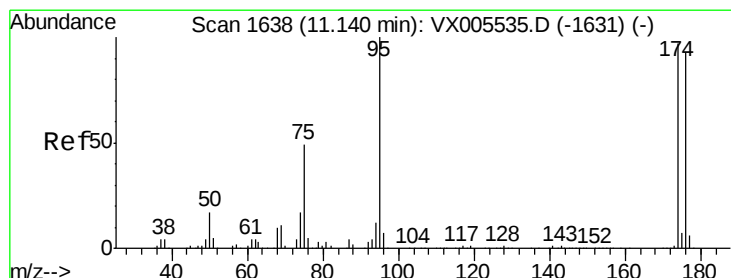
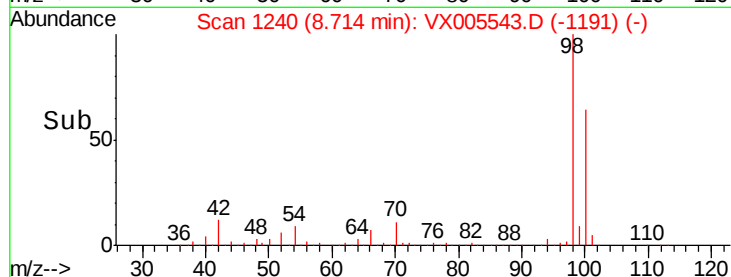
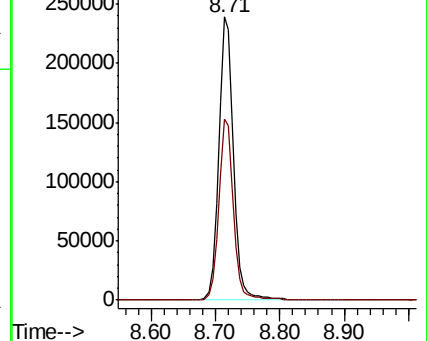
98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 41.894 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005543.D

Acq: 24 Oct 2018 16:06

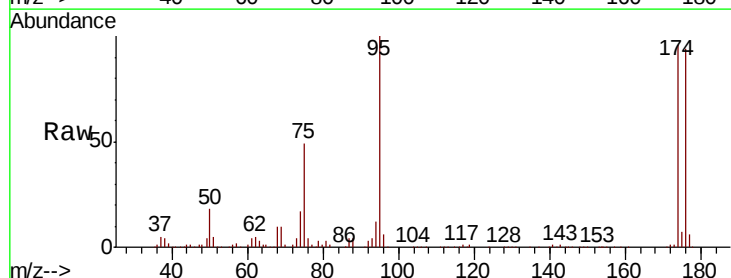
Tgt Ion: 95 Resp: 126414

Ion Ratio Lower Upper

95 100

174 93.3 0.0 185.2

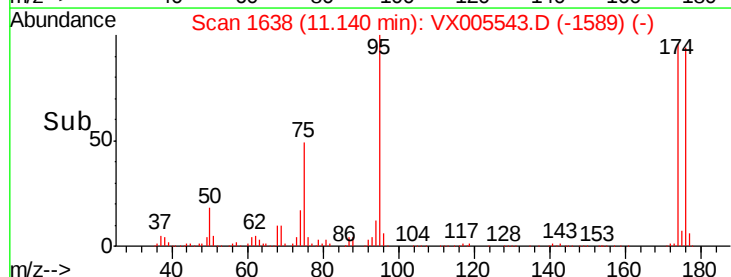
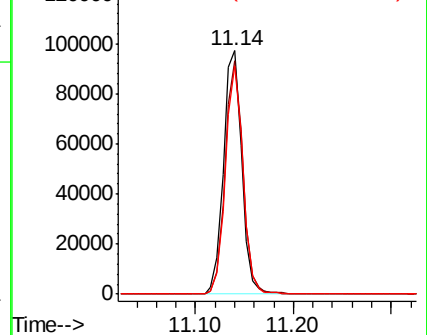
176 90.0 0.0 178.6

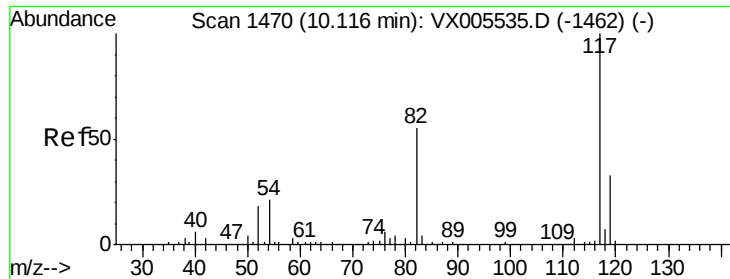


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005543.D

Acq: 24 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

S37-EB-2018-1

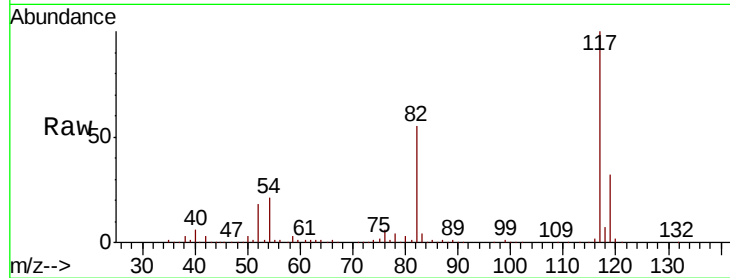
Tot Ion:117 Resp: 288711

Ion Ratio Lower Upper

117 100

82 54.8 47.8 71.6

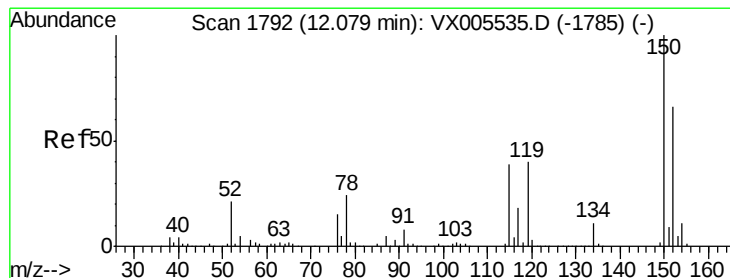
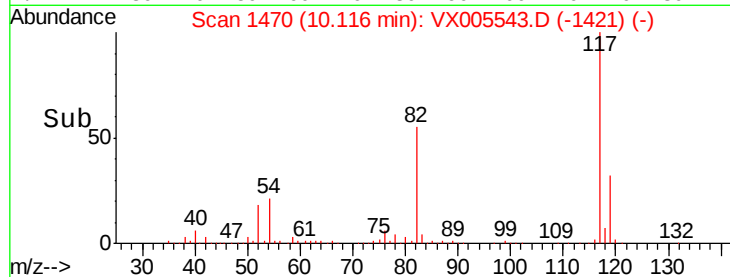
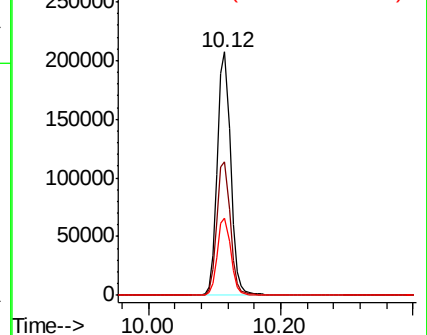
119 31.9 29.3 43.9



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005543.D

Acq: 24 Oct 2018 16:06

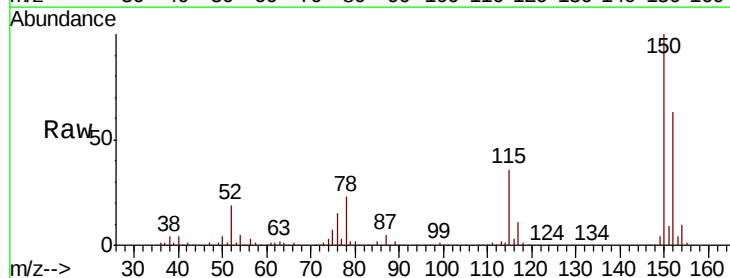
Tgt Ion:152 Resp: 134533

Ion Ratio Lower Upper

152 100

115 57.0 39.0 117.0

150 158.3 0.0 351.0



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

