

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007835.D
 Acq On : 05 Mar 2019 14:21
 Operator : JC/SP
 Sample : K1659-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T5-OZ(PRE)

Quant Time: Mar 06 12:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

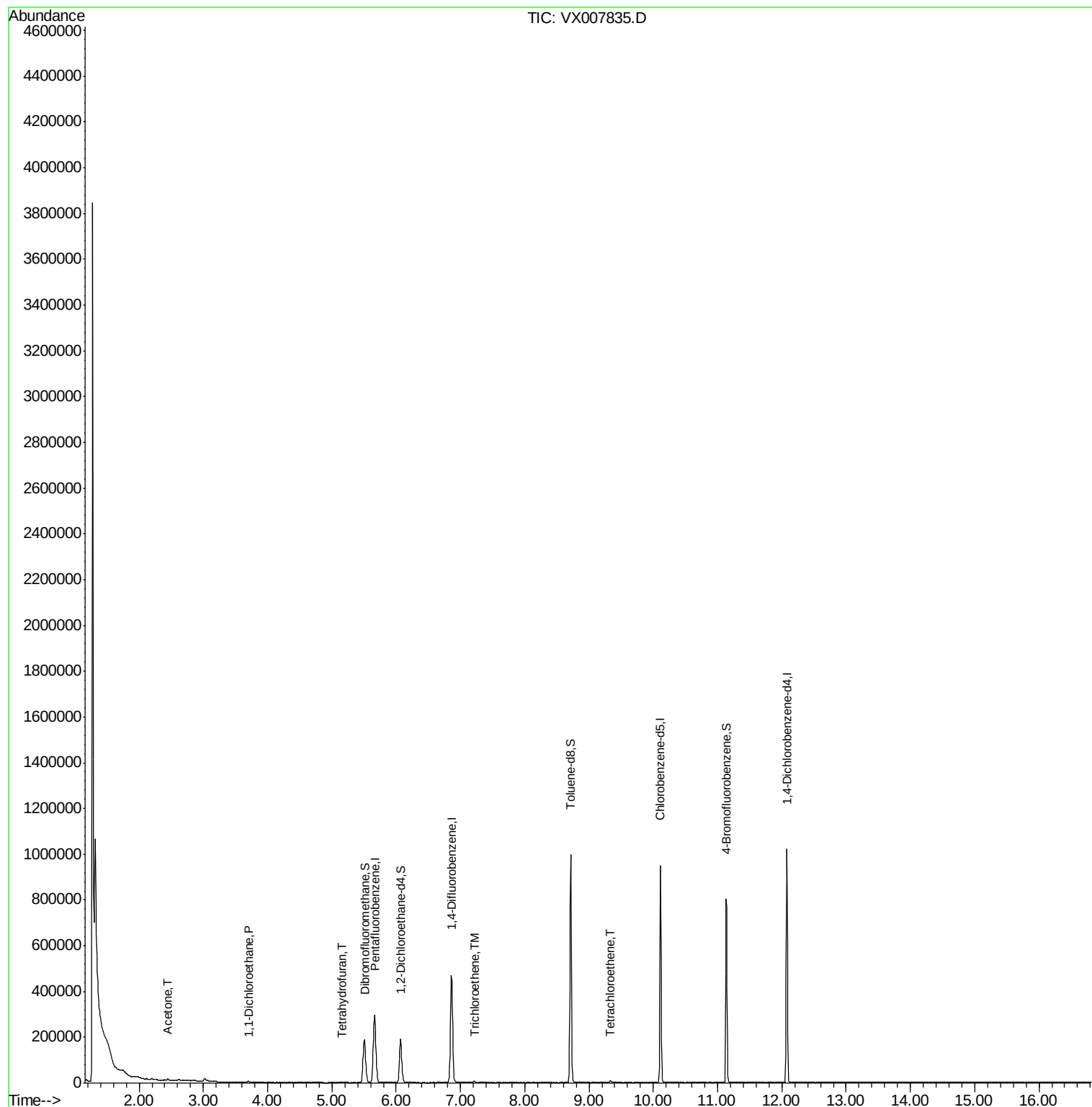
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	487671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	459450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176440	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
35) Dibromofluoromethane	5.50	113	161436	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	590067	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.13	95	213145	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
16) Acetone	2.45	43	5363	3.102	ug/l	98
24) 1,1-Dichloroethane	3.70	63	5612	0.977	ug/l	99
29) Tetrahydrofuran	5.16	42	2052	1.182	ug/l #	74
44) Trichloroethene	7.21	130	2870	0.771	ug/l	97
64) Tetrachloroethene	9.33	164	1818	0.487	ug/l	95

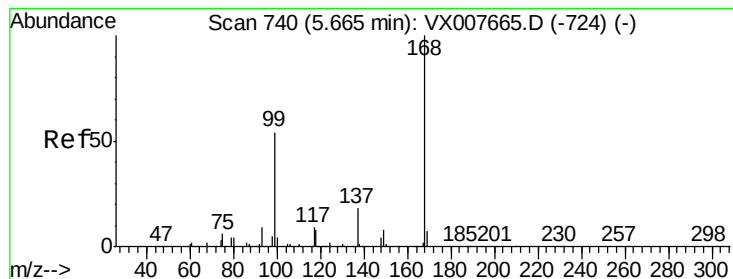
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007835.D

Acq: 05 Mar 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

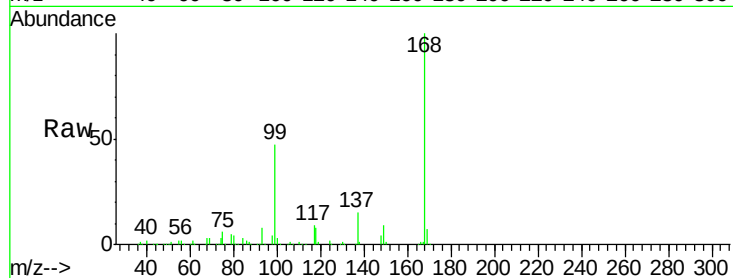
M1-T5-OZ(PRE)

Tot Ion:168 Resp: 313879

Ion Ratio Lower Upper

168 100

99 47.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

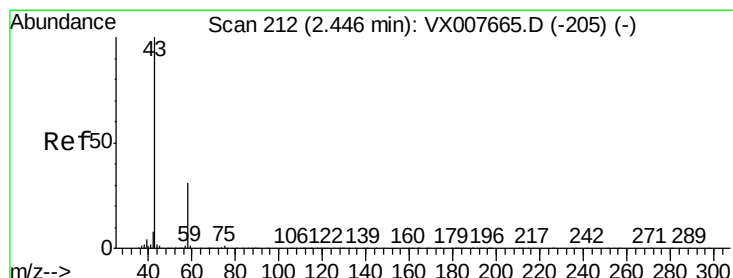
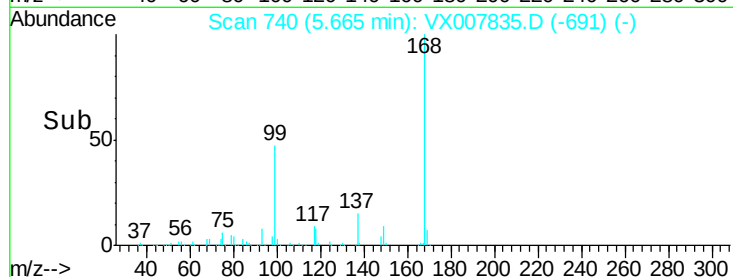
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.102 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007835.D

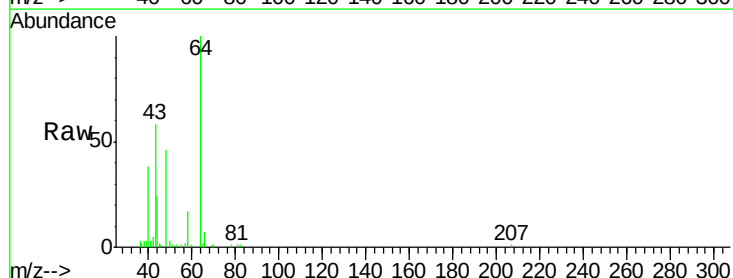
Acq: 05 Mar 2019 14:21

Tgt Ion: 43 Resp: 5363

Ion Ratio Lower Upper

43 100

58 30.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

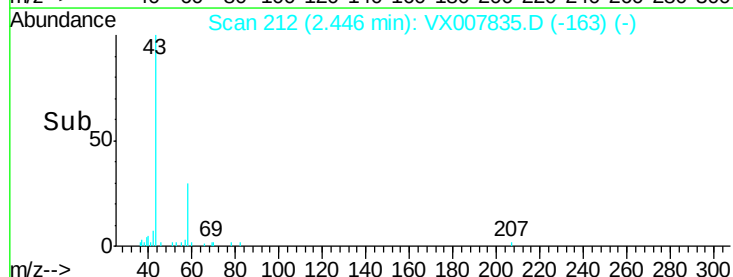
3000

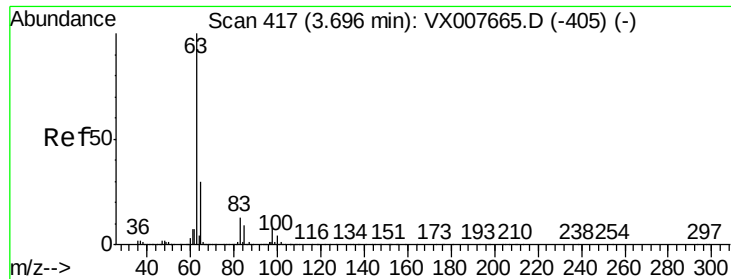
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

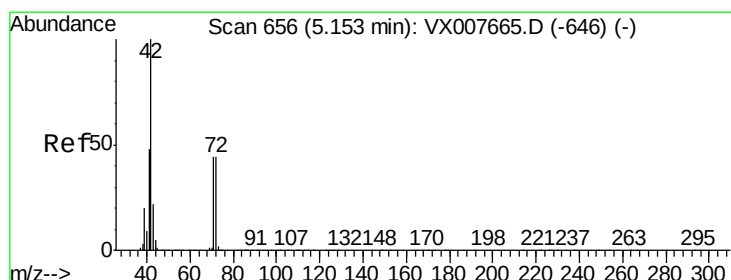
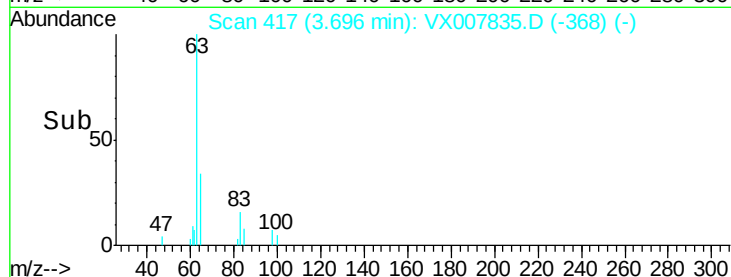
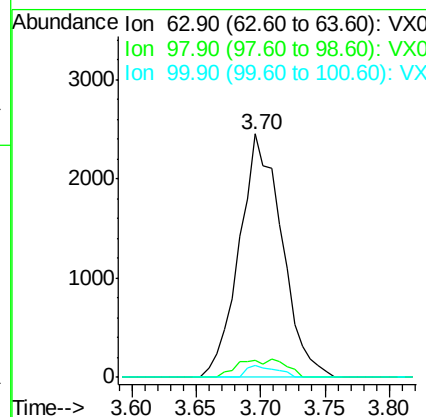
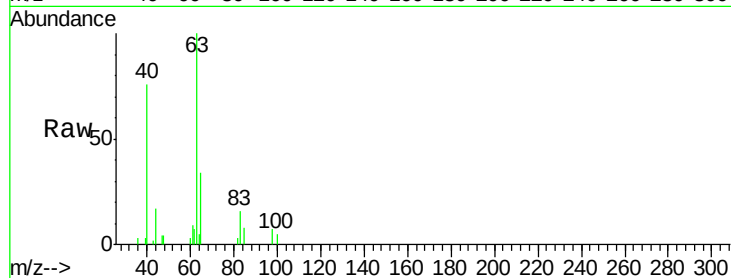




#24
 1,1-Dichloroethane
 Concen: 0.977 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX007835.D
 Acq: 05 Mar 2019 14:21

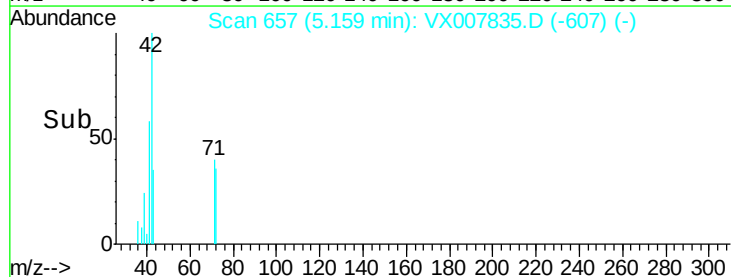
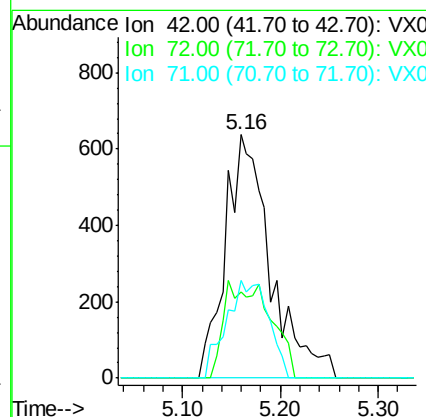
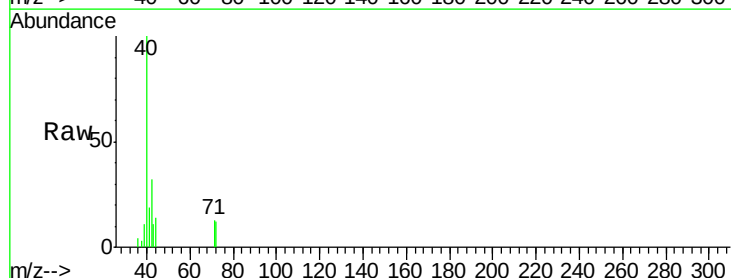
Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T5-OZ(PRE)

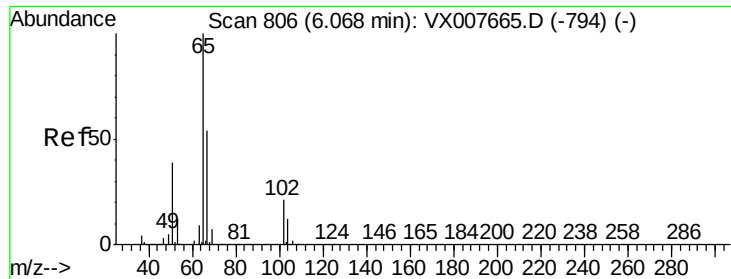
Tot Ion: 63 Resp: 5612
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.9 2.5 7.4



#29
 Tetrahydrofuran
 Concen: 1.182 ug/l
 RT: 5.16 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VX007835.D
 Acq: 05 Mar 2019 14:21

Tgt Ion: 42 Resp: 2052
 Ion Ratio Lower Upper
 42 100
 72 19.8 37.6 56.4#
 71 37.4 34.6 51.8

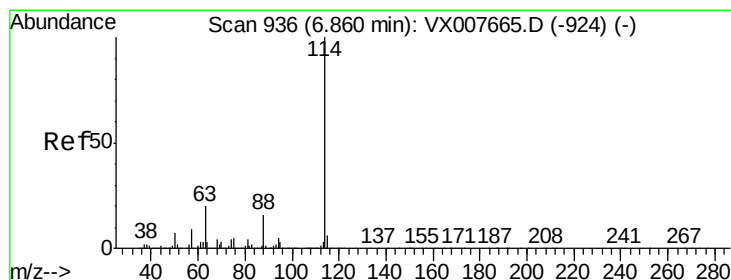
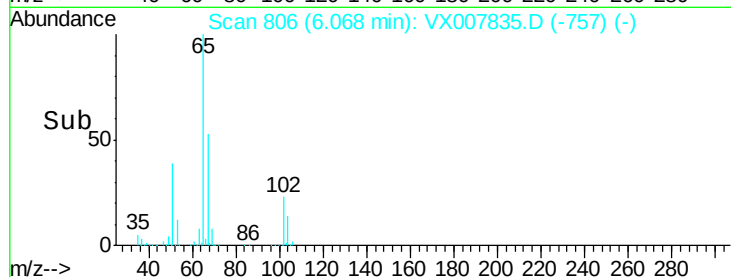
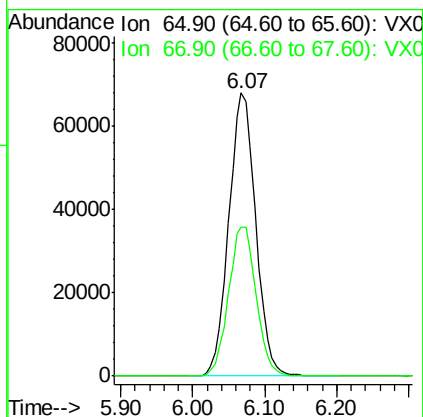
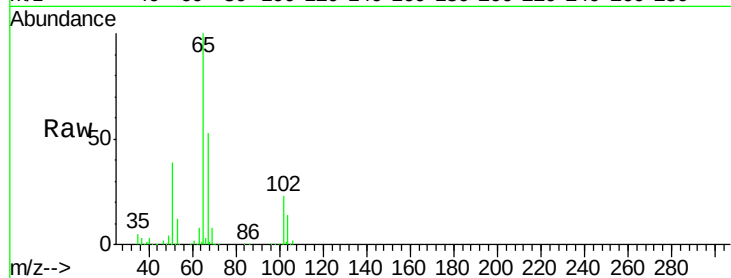




#33
 1,2-Dichloroethane-d4
 Concen: 45.381 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007835.D
 Acq: 05 Mar 2019 14:21

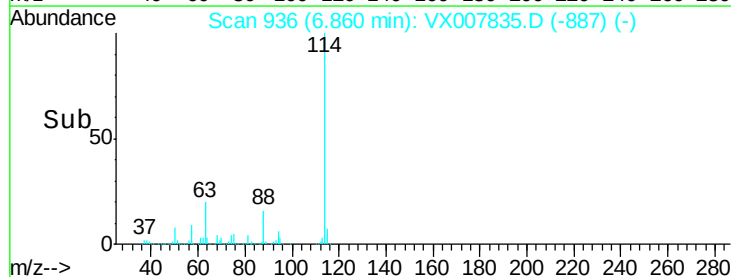
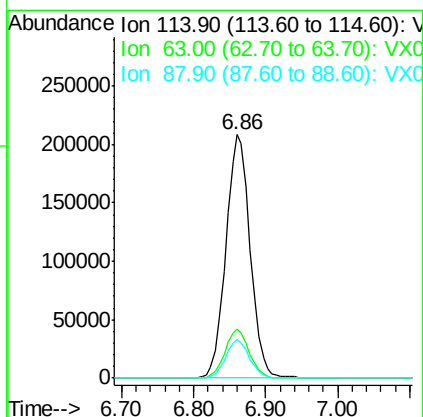
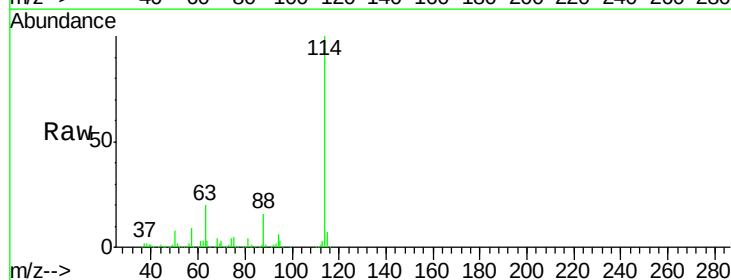
Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T5-OZ(PRE)

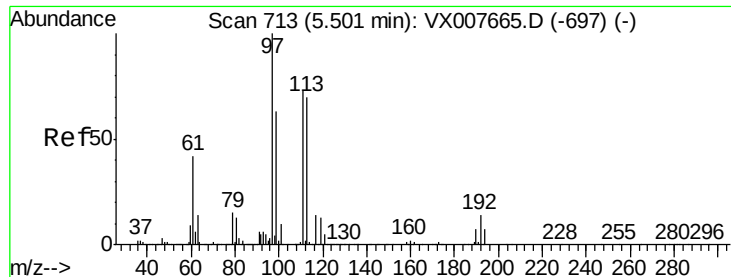
Tot Ion: 65 Resp: 176440
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007835.D
 Acq: 05 Mar 2019 14:21

Tgt Ion: 114 Resp: 487671
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 35.6
 88 15.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.521 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007835.D

Acq: 05 Mar 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-OZ(PRE)

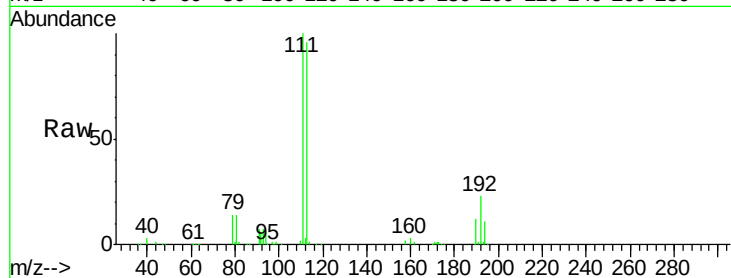
Tot Ion:113 Resp: 161436

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

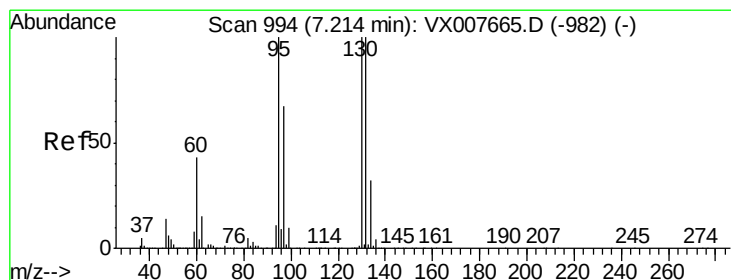
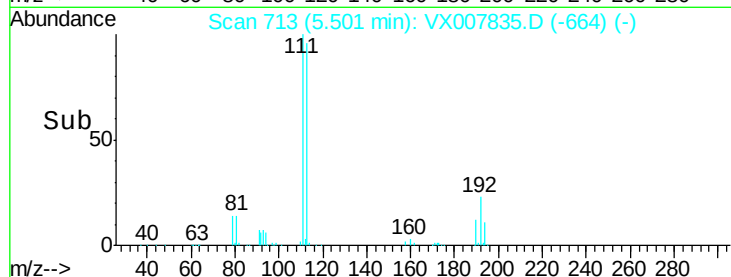
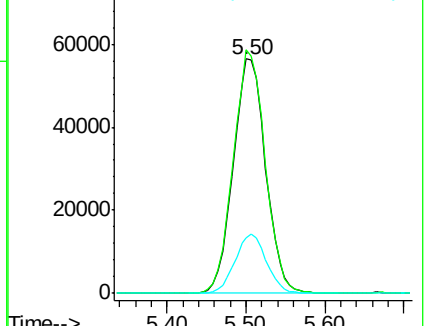
192 24.5 18.5 27.7



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



#44

Trichloroethene

Concen: 0.771 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007835.D

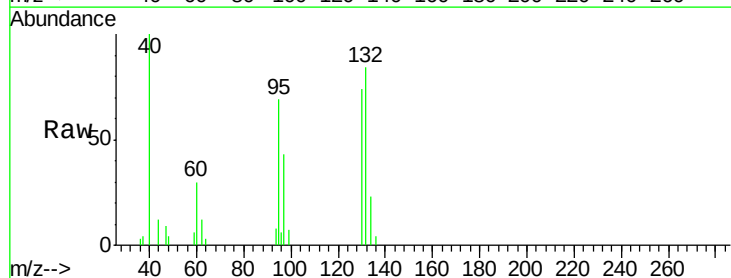
Acq: 05 Mar 2019 14:21

Tgt Ion:130 Resp: 2870

Ion Ratio Lower Upper

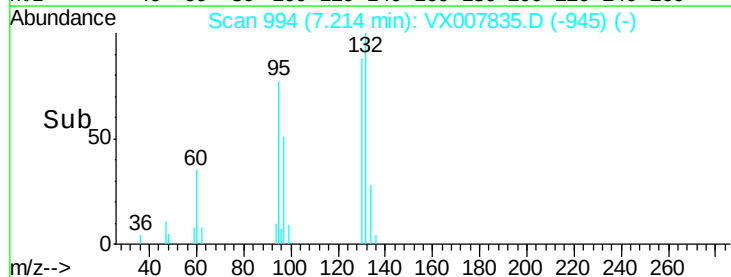
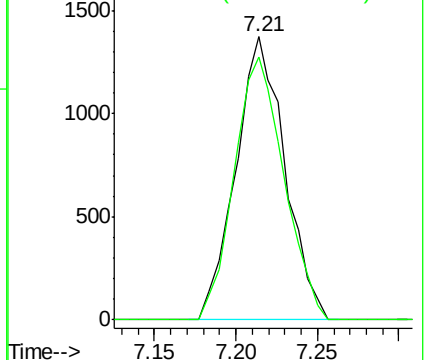
130 100

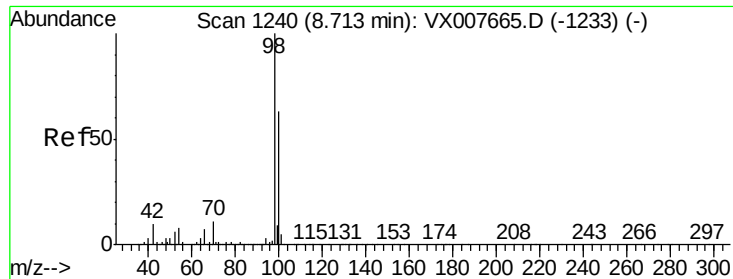
95 92.9 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 47.280 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007835.D

Acq: 05 Mar 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

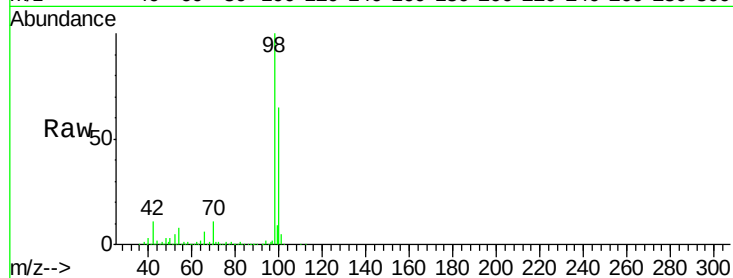
M1-T5-OZ(PRE)

Tot Ion: 98 Resp: 590067

Ion Ratio Lower Upper

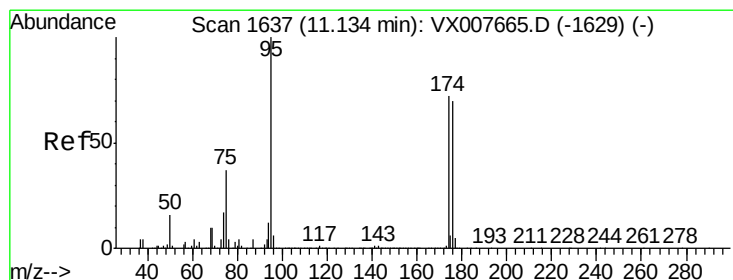
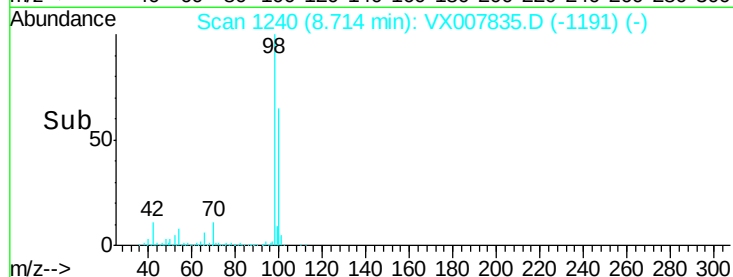
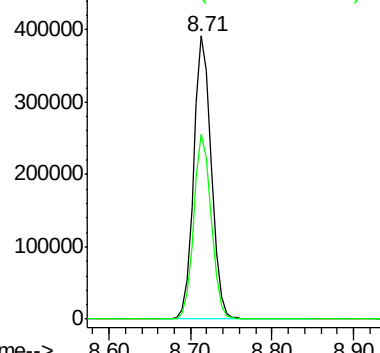
98 100

100 65.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.531 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007835.D

Acq: 05 Mar 2019 14:21

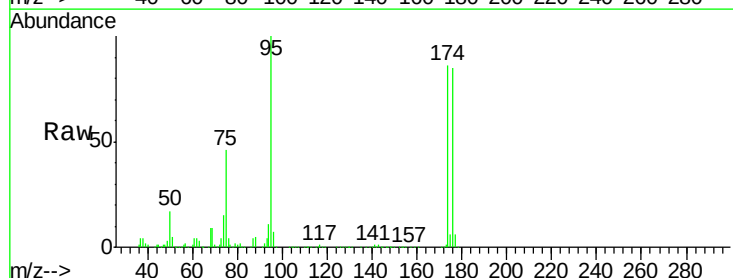
Tgt Ion: 95 Resp: 213145

Ion Ratio Lower Upper

95 100

174 92.8 0.0 189.2

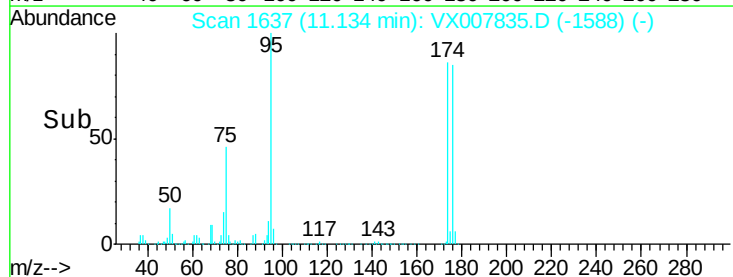
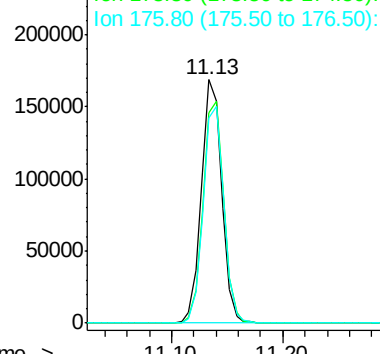
176 90.5 0.0 186.2

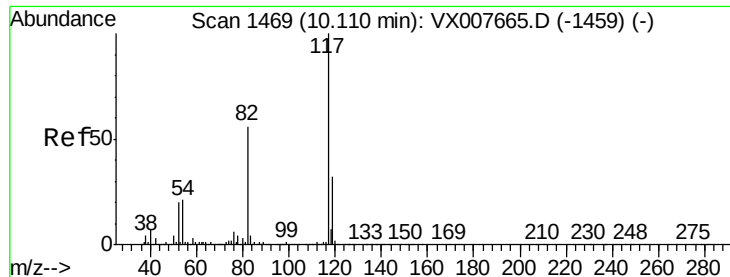


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007835.D

Acq: 05 Mar 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-OZ(PRE)

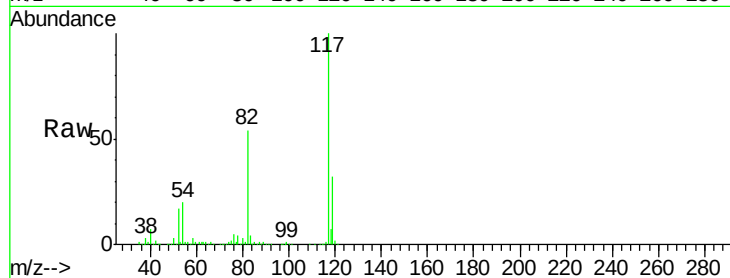
Tot Ion:117 Resp: 459450

Ion Ratio Lower Upper

117 100

82 54.4 42.1 63.1

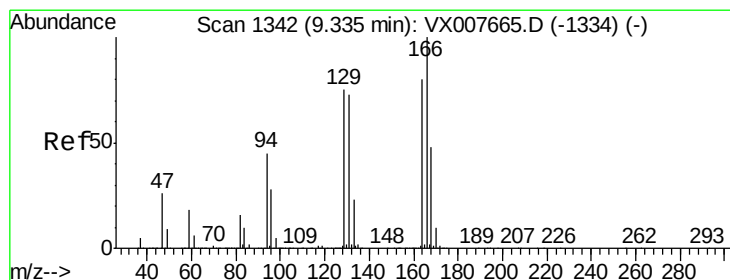
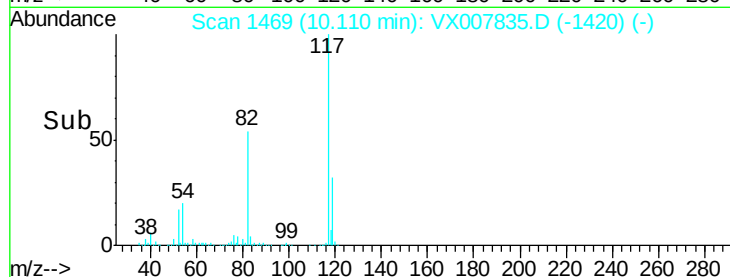
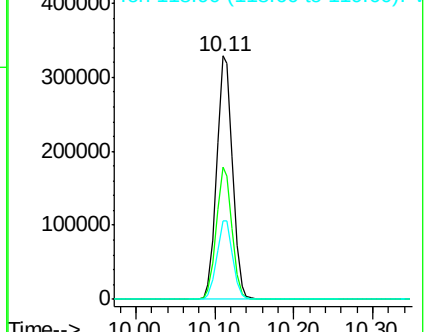
119 32.1 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.487 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX007835.D

Acq: 05 Mar 2019 14:21

Tgt Ion:164 Resp: 1818

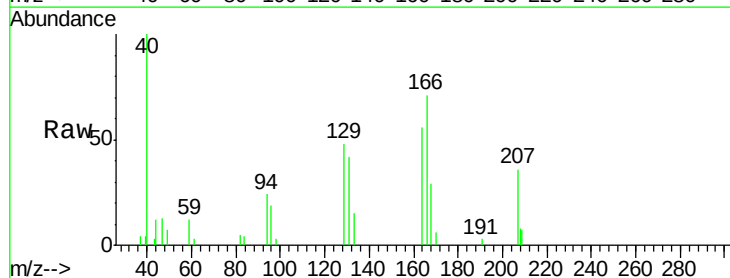
Ion Ratio Lower Upper

164 100

166 125.9 101.0 151.4

129 85.1 70.5 105.7

131 74.1 69.8 104.6

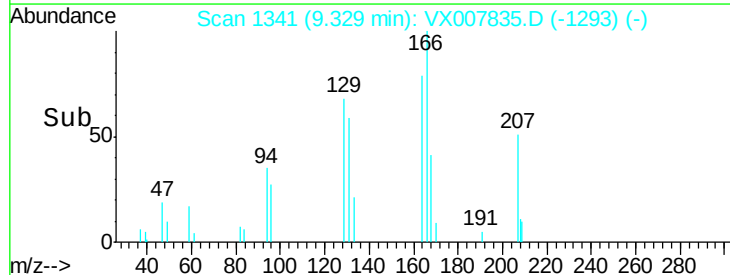
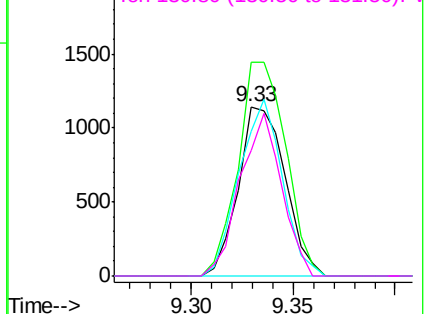


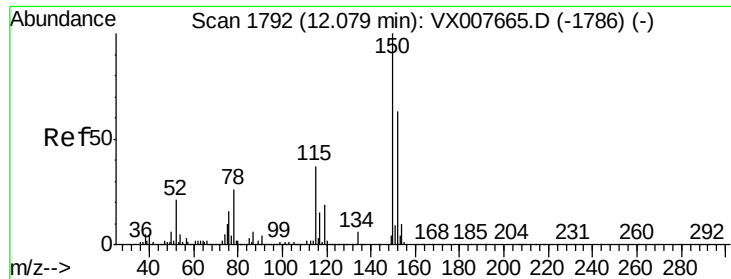
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX007835.D

Acq: 05 Mar 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-OZ(PRE)

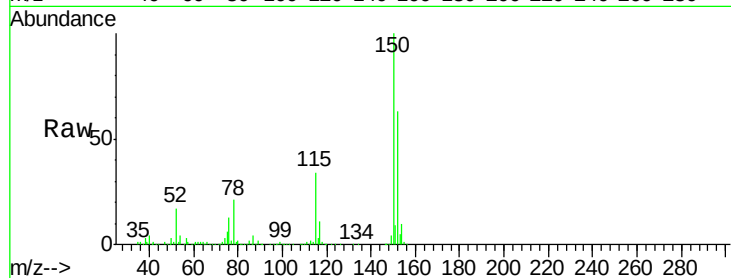
Tot Ion:152 Resp: 219012

Ion Ratio Lower Upper

152 100

115 54.9 38.0 114.0

150 156.4 0.0 346.4



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

