

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007759.D
 Acq On : 28 Feb 2019 11:59
 Operator : JC/SP
 Sample : K1603-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T1-OZ(PRE)

Quant Time: Mar 01 12:16:50 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

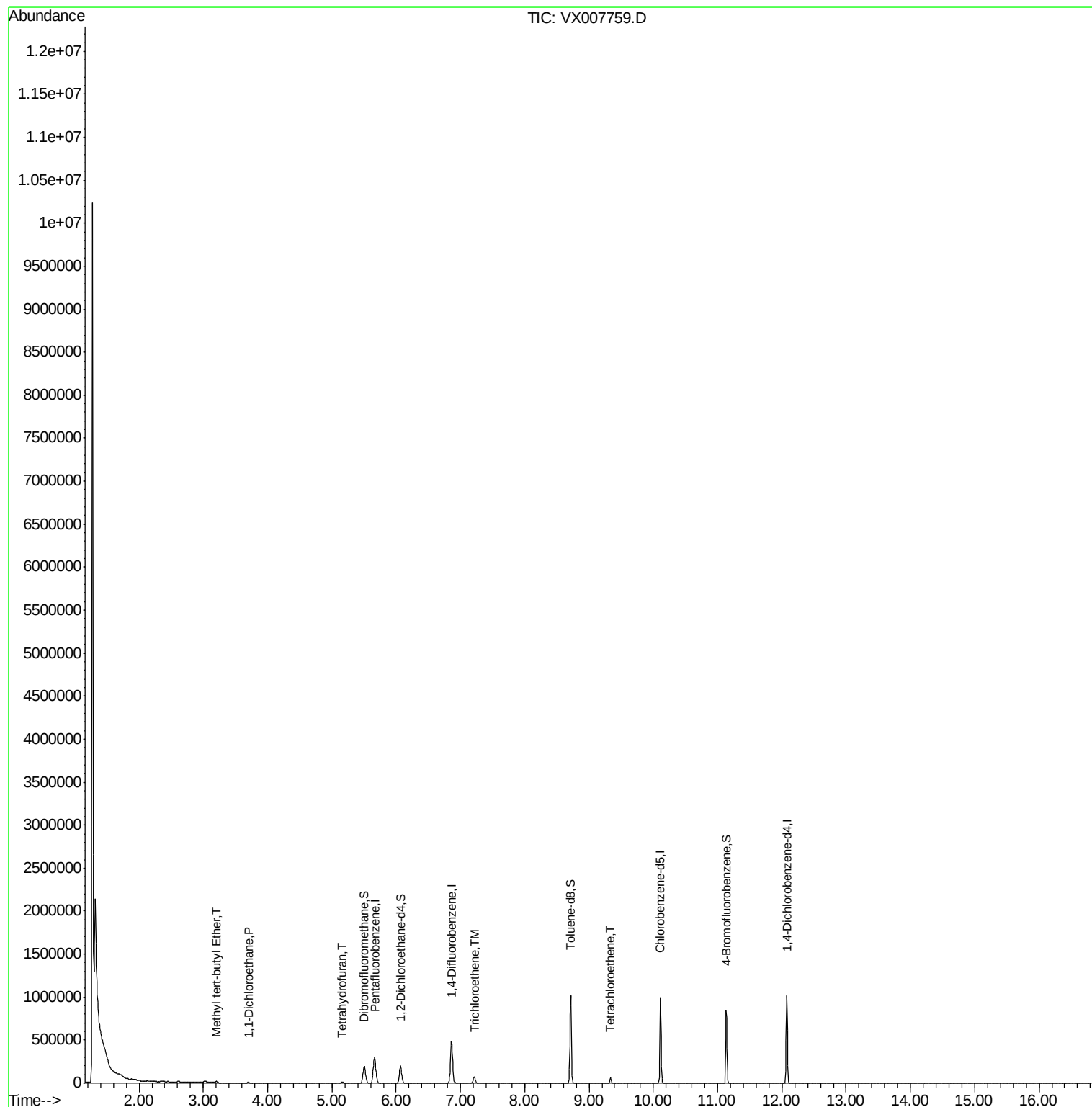
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	464092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188885	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	5.50	113	161273	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	8.71	98	598737	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	214370	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
Target Compounds						
19) Methyl tert-butyl Ether	3.20	73	14919	1.574	ug/l	98
24) 1,1-Dichloroethane	3.70	63	7297	1.282	ug/l	97
29) Tetrahydrofuran	5.16	42	8099	4.706	ug/l	93
44) Trichloroethene	7.21	130	29040	7.819	ug/l	88
64) Tetrachloroethene	9.34	164	13659	3.625	ug/l	98

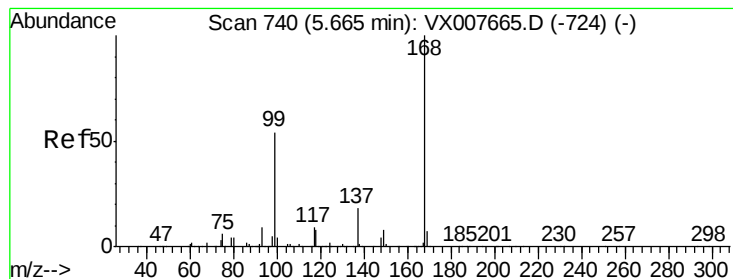
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
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: VX007759.D

Acq: 28 Feb 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

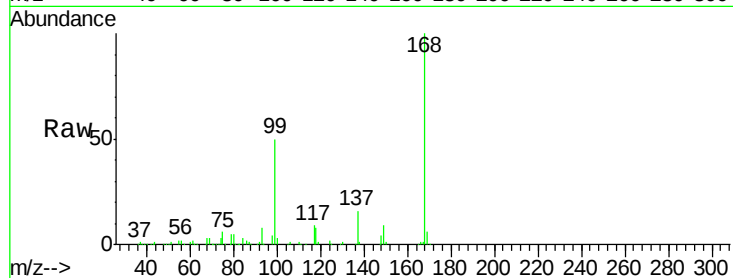
M1-T1-OZ(PRE)

Tot Ion:168 Resp: 311129

Ion Ratio Lower Upper

168 100

99 49.8 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

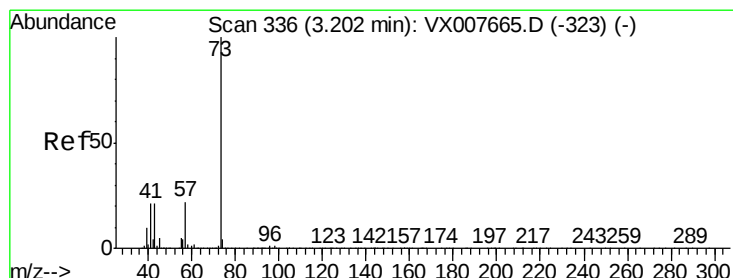
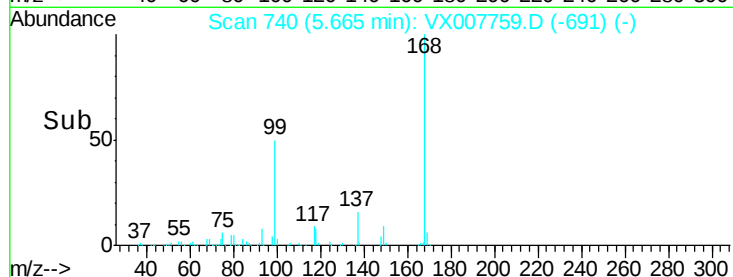
60000

40000

20000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 1.574 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX007759.D

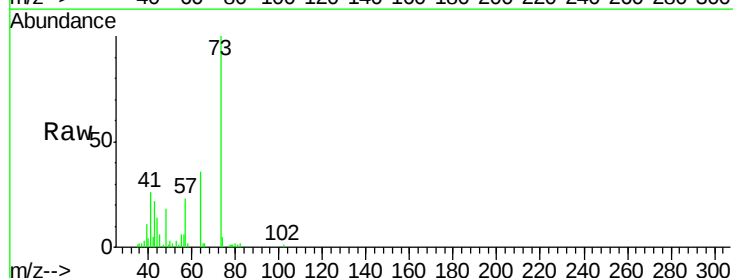
Acq: 28 Feb 2019 11:59

Tgt Ion: 73 Resp: 14919

Ion Ratio Lower Upper

73 100

57 23.5 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

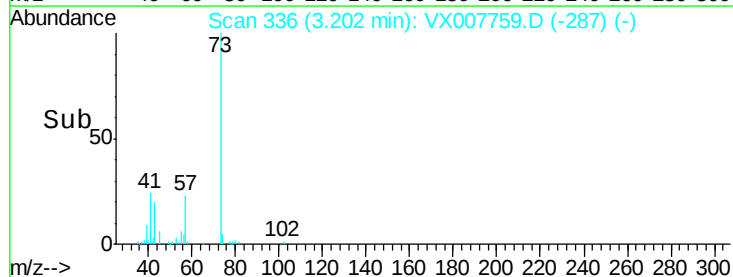
6000

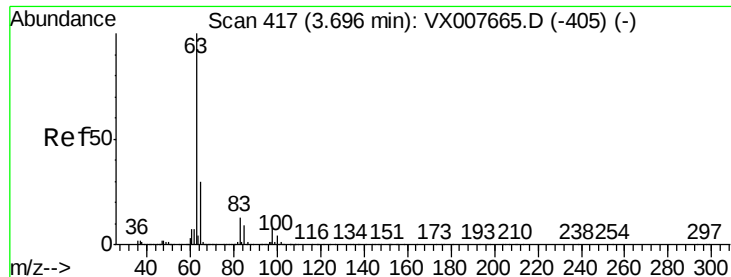
4000

2000

0

Time-->





#24

1,1-Dichloroethane

Concen: 1.282 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007759.D

Acq: 28 Feb 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

M1-T1-OZ(PRE)

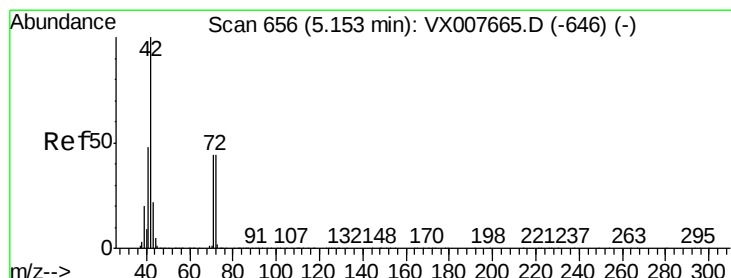
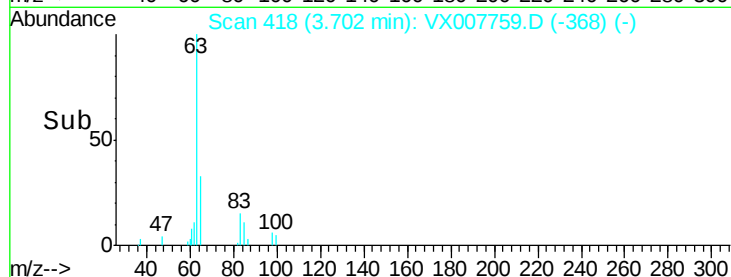
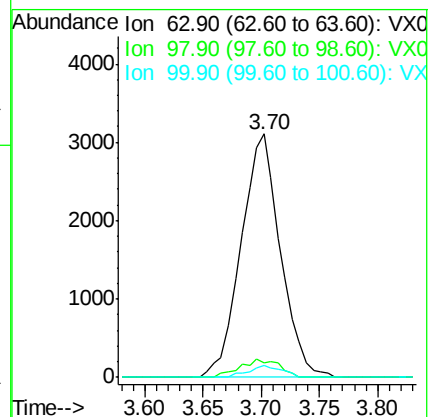
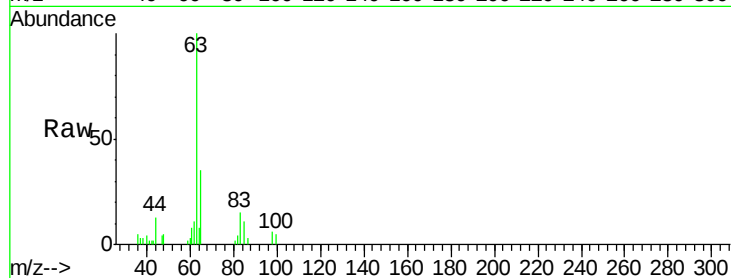
Tot Ion: 63 Resp: 7297

Ion Ratio Lower Upper

63 100

98 5.8 3.6 10.8

100 5.1 2.5 7.4



#29

Tetrahydrofuran

Concen: 4.706 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007759.D

Acq: 28 Feb 2019 11:59

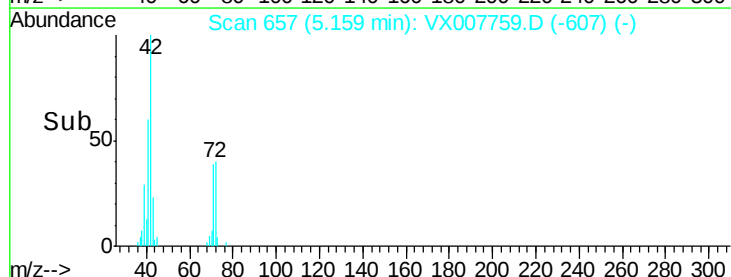
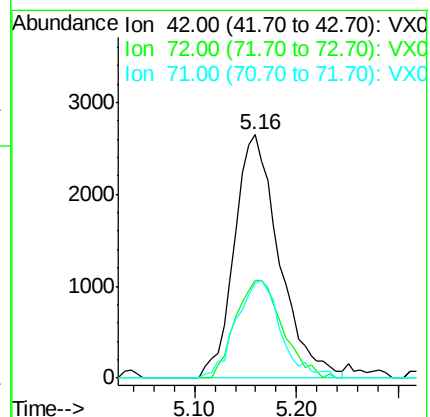
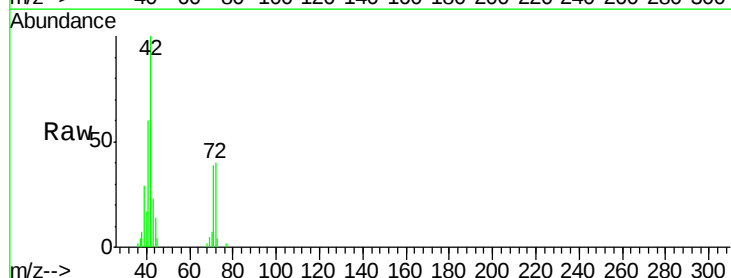
Tgt Ion: 42 Resp: 8099

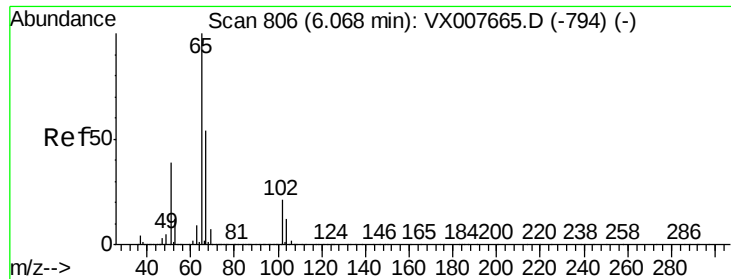
Ion Ratio Lower Upper

42 100

72 41.7 37.6 56.4

71 39.9 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 49.011 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007759.D

Acq: 28 Feb 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

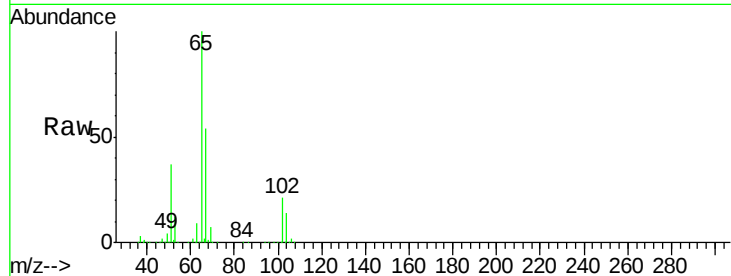
M1-T1-OZ(PRE)

Tot Ion: 65 Resp: 188885

Ion Ratio Lower Upper

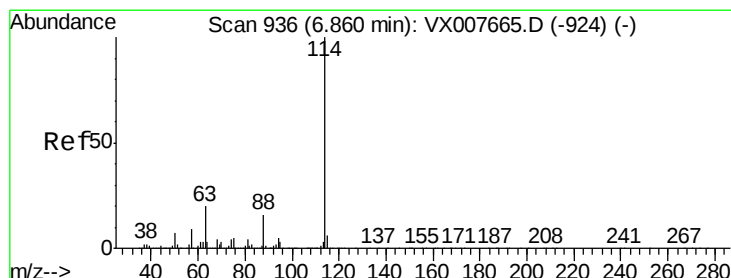
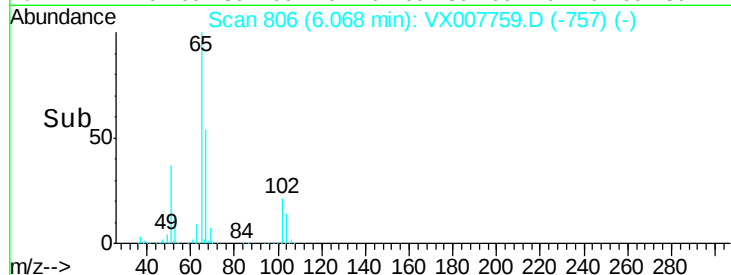
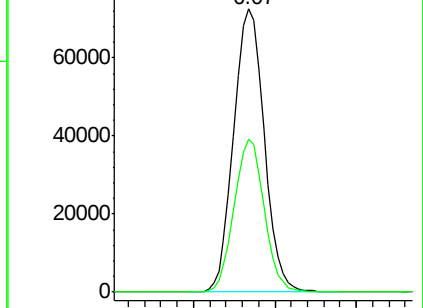
65 100

67 53.0 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007759.D

Acq: 28 Feb 2019 11:59

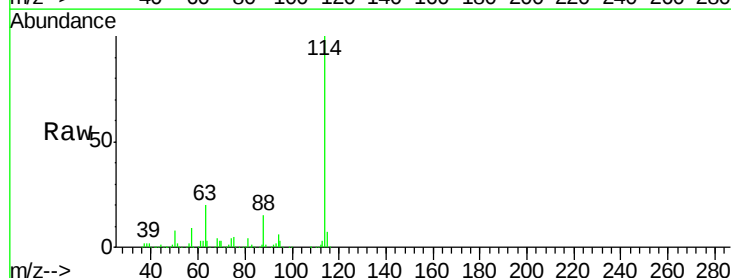
Tgt Ion: 114 Resp: 486490

Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.6

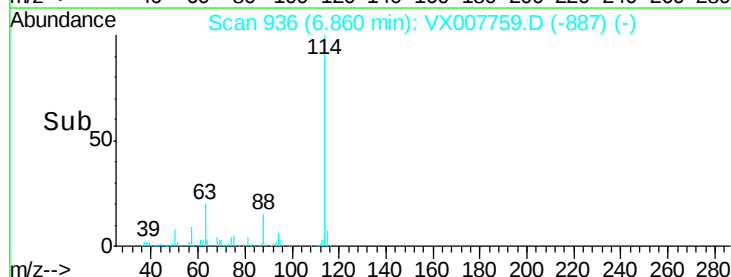
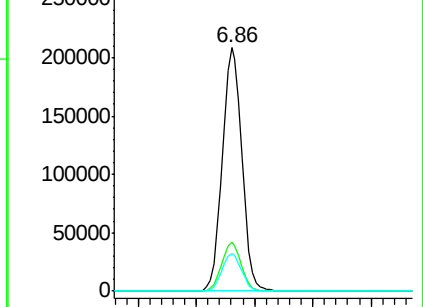
88 15.4 0.0 29.6

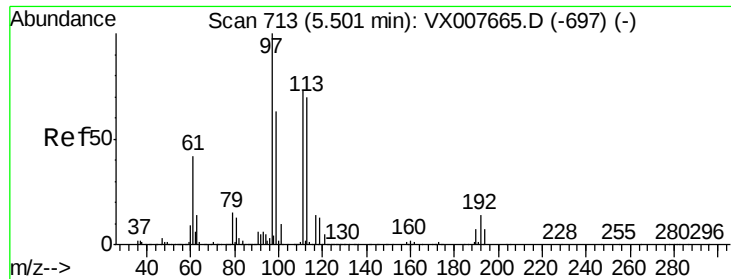


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.591 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007759.D

Acq: 28 Feb 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

M1-T1-OZ(PRE)

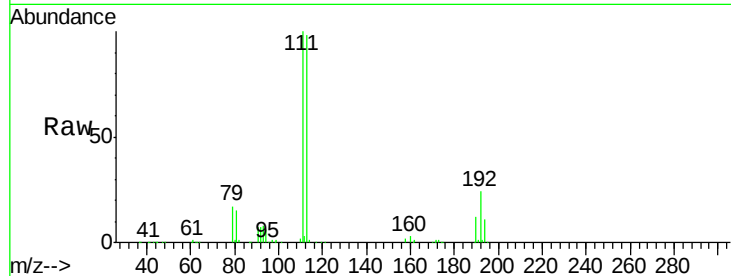
Tot Ion:113 Resp: 161273

Ion Ratio Lower Upper

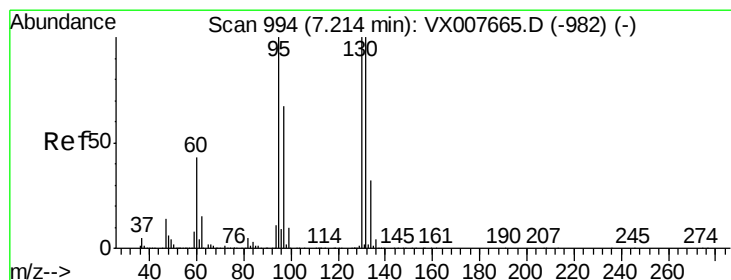
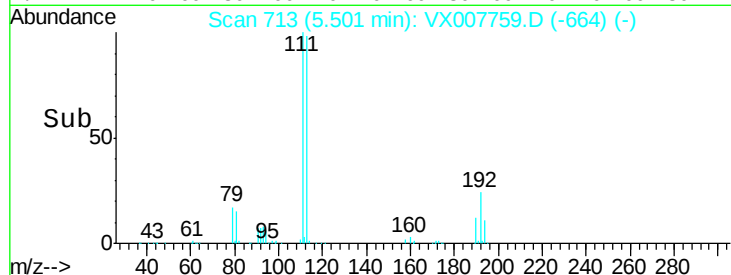
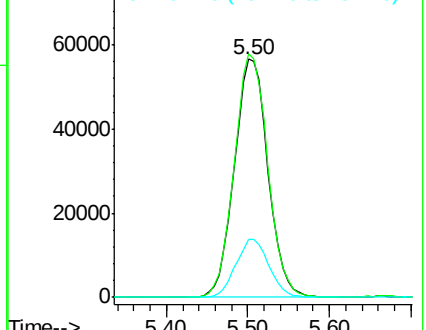
113 100

111 101.7 81.8 122.8

192 24.1 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: 7.819 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007759.D

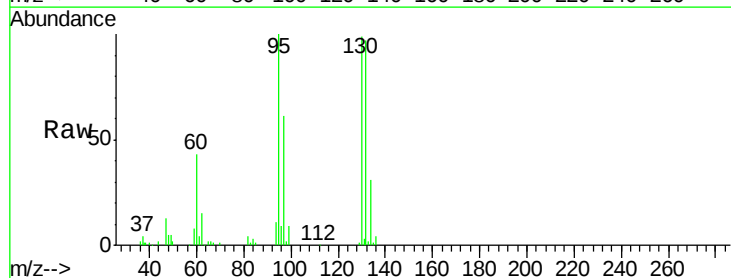
Acq: 28 Feb 2019 11:59

Tgt Ion:130 Resp: 29040

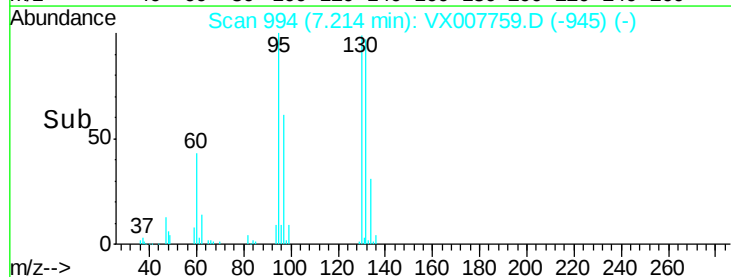
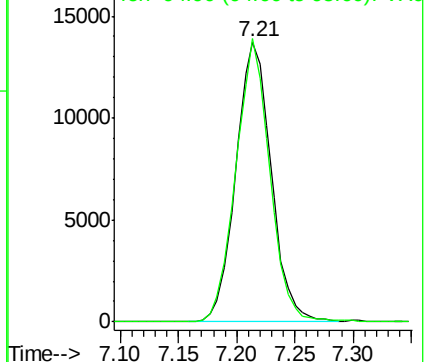
Ion Ratio Lower Upper

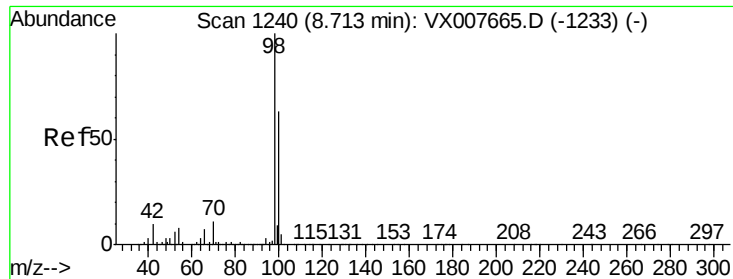
130 100

95 101.3 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.091 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007759.D

Acq: 28 Feb 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

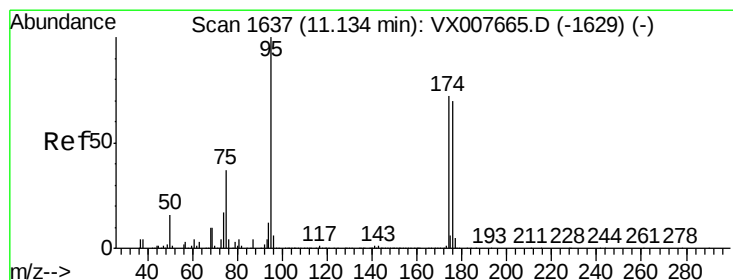
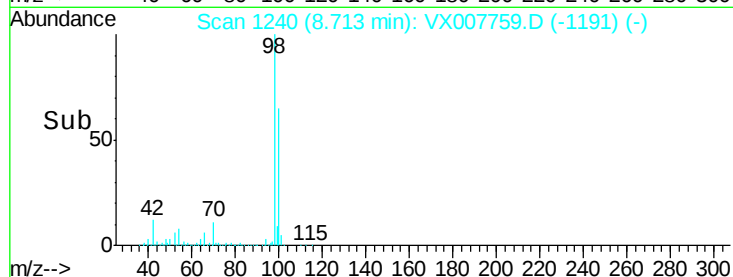
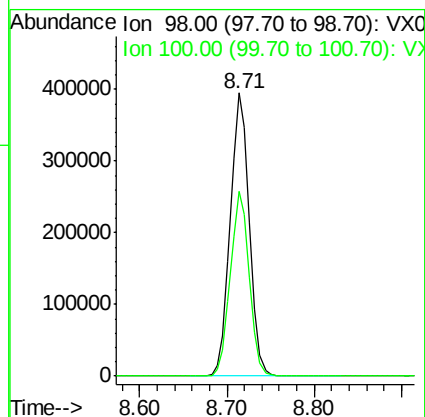
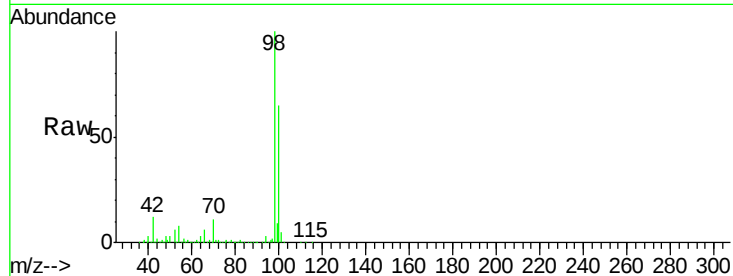
M1-T1-OZ(PRE)

Tot Ion: 98 Resp: 598737

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.912 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007759.D

Acq: 28 Feb 2019 11:59

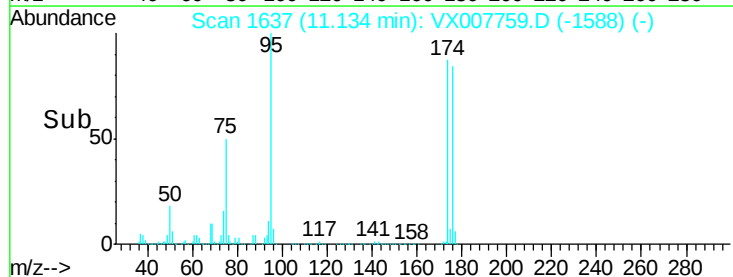
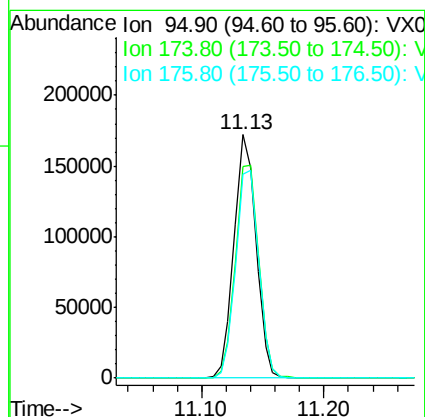
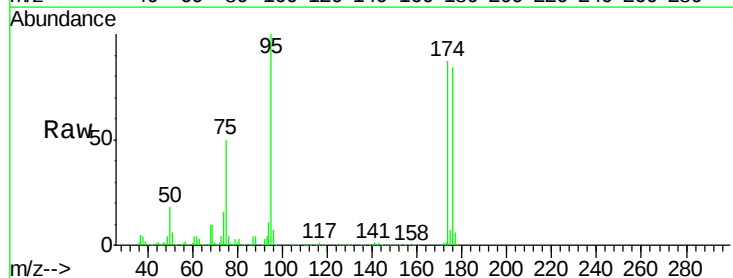
Tgt Ion: 95 Resp: 214370

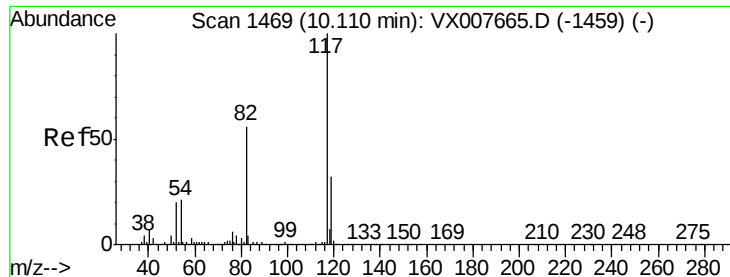
Ion Ratio Lower Upper

95 100

174 92.1 0.0 189.2

176 89.0 0.0 186.2

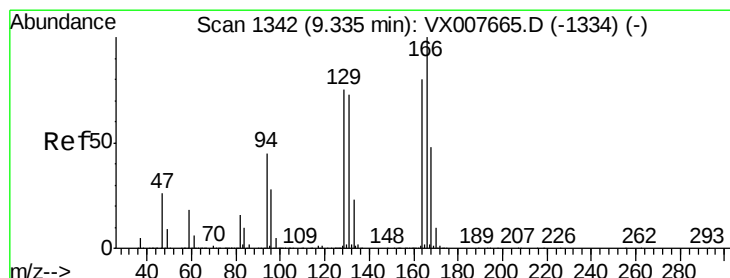
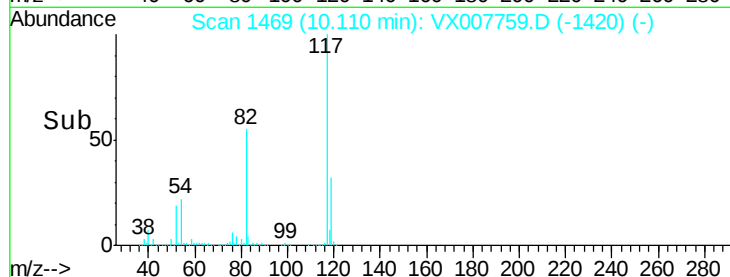
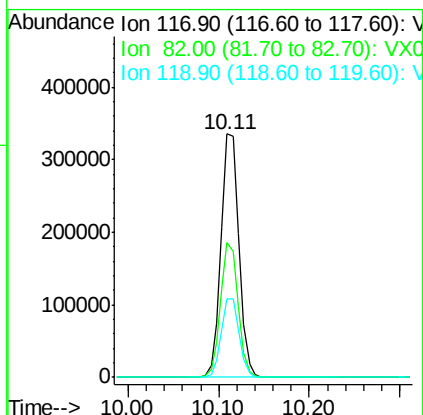
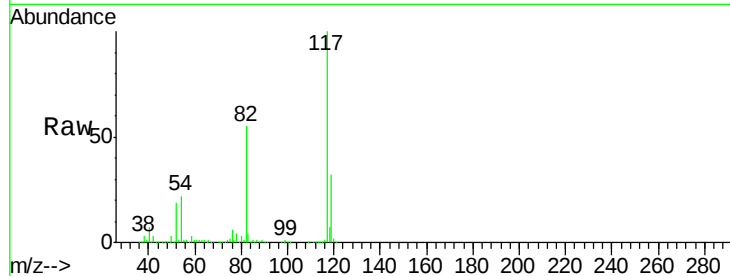




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007759.D
Acq: 28 Feb 2019 11:59

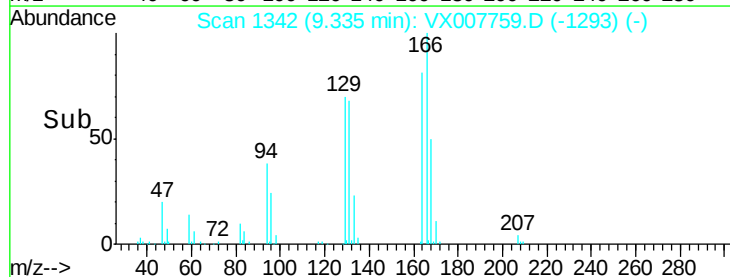
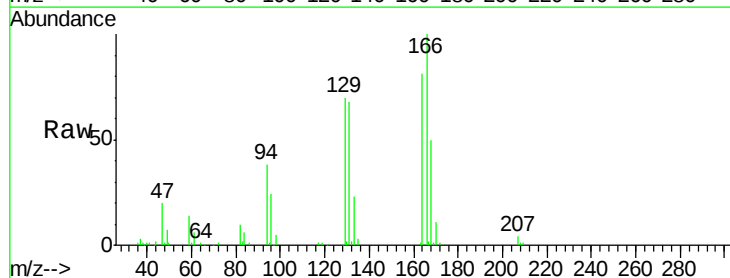
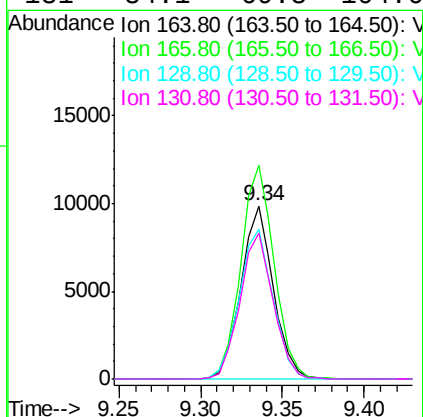
Instrument :
MSVOA_X
ClientSampleId :
M1-T1-OZ(PRE)

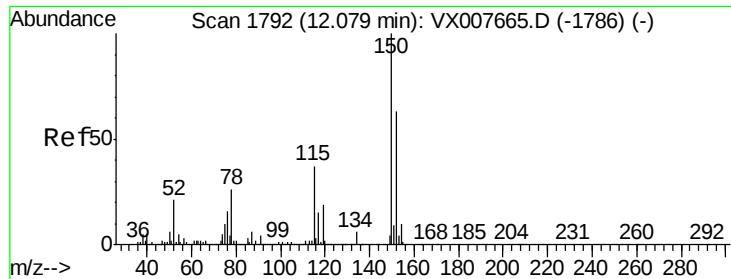
Tot Ion:117 Resp: 464092
Ion Ratio Lower Upper
117 100
82 55.2 42.1 63.1
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 3.625 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007759.D
Acq: 28 Feb 2019 11:59

Tgt Ion:164 Resp: 13659
Ion Ratio Lower Upper
164 100
166 123.5 101.0 151.4
129 86.4 70.5 105.7
131 84.1 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007759.D

Acq: 28 Feb 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

M1-T1-OZ(PRE)

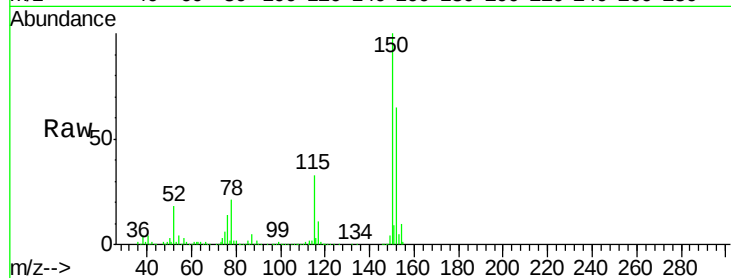
Tot Ion:152 Resp: 222351

Ion Ratio Lower Upper

152 100

115 54.5 38.0 114.0

150 155.9 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

