

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007762.D
 Acq On : 28 Feb 2019 13:19
 Operator : JC/SP
 Sample : K1603-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T0-UV(PRE)

Quant Time: Mar 01 12:39:12 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

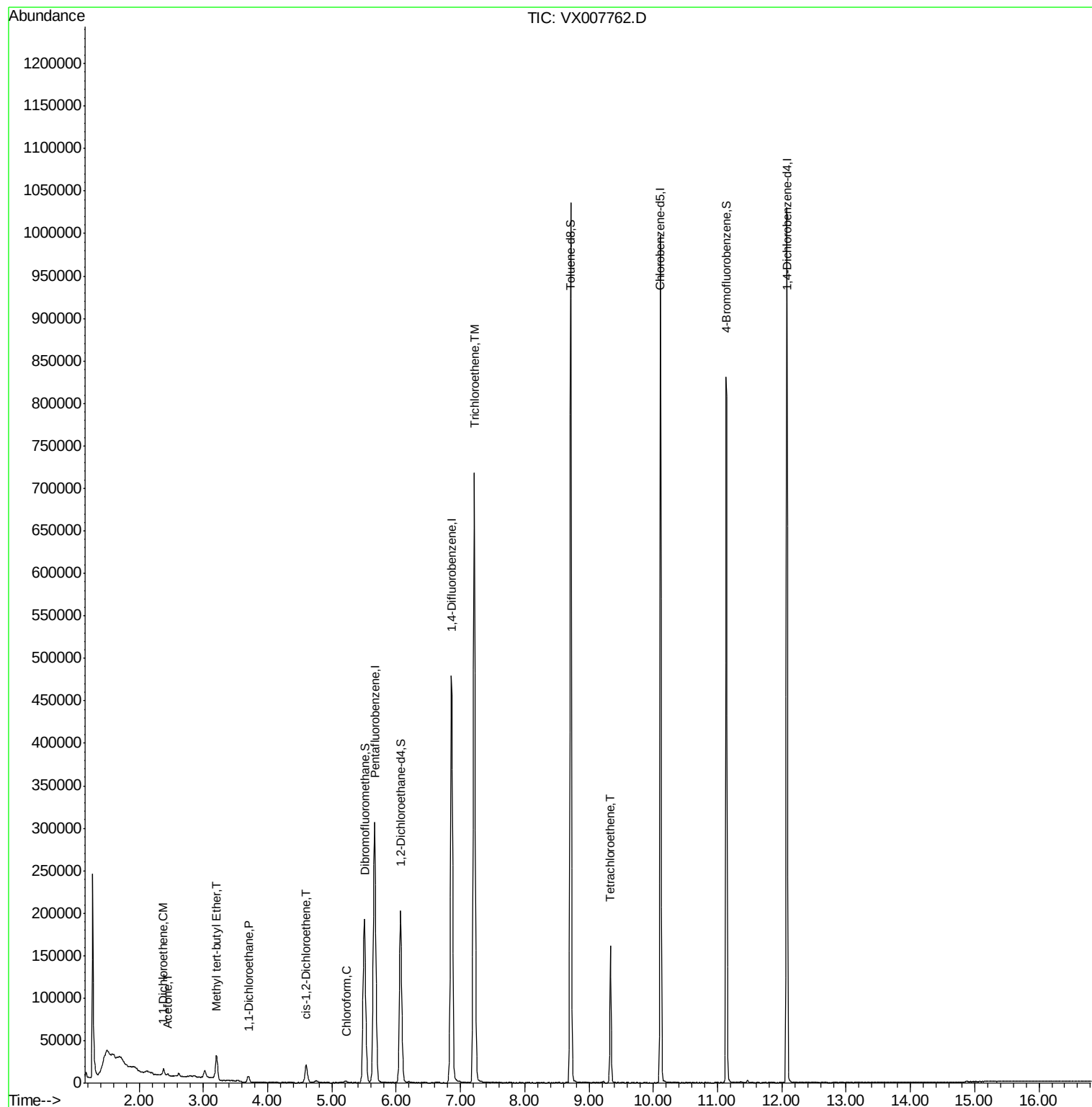
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	491805	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	467798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191583	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	5.51	113	161755	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	8.71	98	604898	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.13	95	214727	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.39	96	1980	0.722	ug/l	97
16) Acetone	2.45	43	2697	1.561	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	30694	3.213	ug/l	97
24) 1,1-Dichloroethane	3.70	63	8201	1.429	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	13372	3.524	ug/l	99
30) Chloroform	5.21	83	1769	0.288	ug/l #	83
44) Trichloroethene	7.21	130	284169	75.684	ug/l	95
64) Tetrachloroethene	9.34	164	33103	8.717	ug/l	98

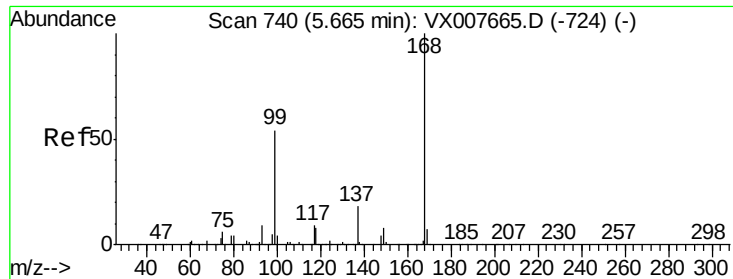
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022819\
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ClientSampleId :
M1-T0-UV(PRE)

Quant Time: Mar 01 12:39:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
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: VX007762.D

Acq: 28 Feb 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

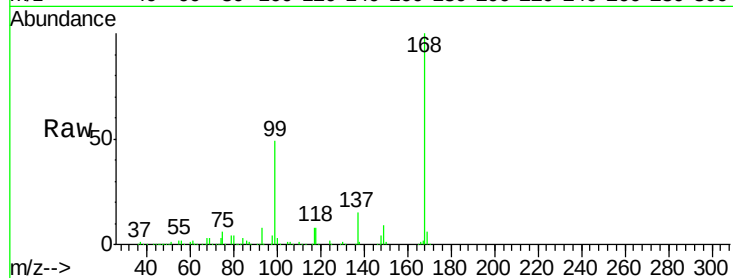
M1-T0-UV(PRE)

Tot Ion:168 Resp: 313629

Ion Ratio Lower Upper

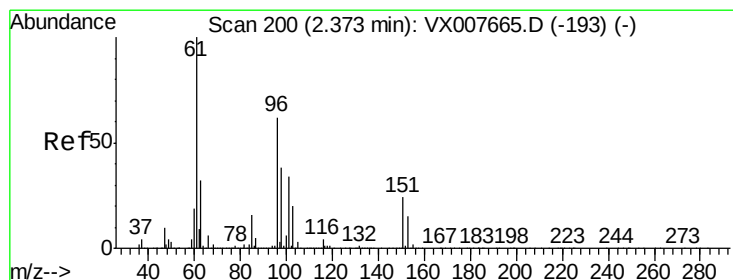
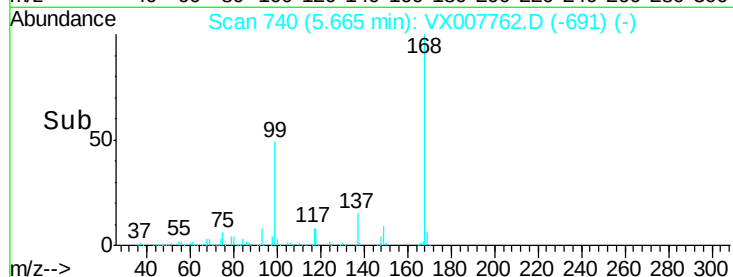
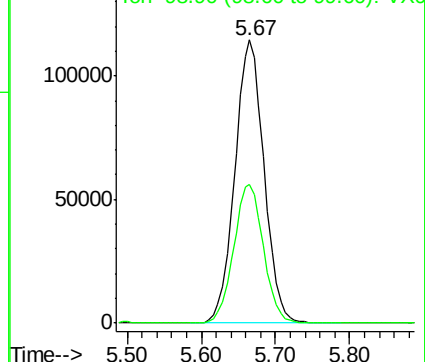
168 100

99 49.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 0.722 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX007762.D

Acq: 28 Feb 2019 13:19

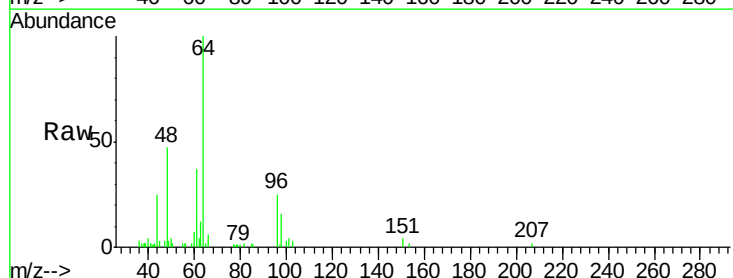
Tgt Ion: 96 Resp: 1980

Ion Ratio Lower Upper

96 100

61 148.6 123.0 184.4

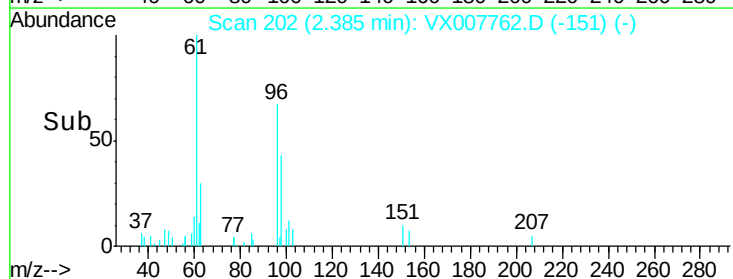
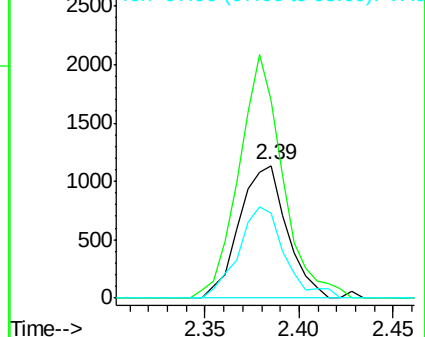
98 63.9 50.9 76.3

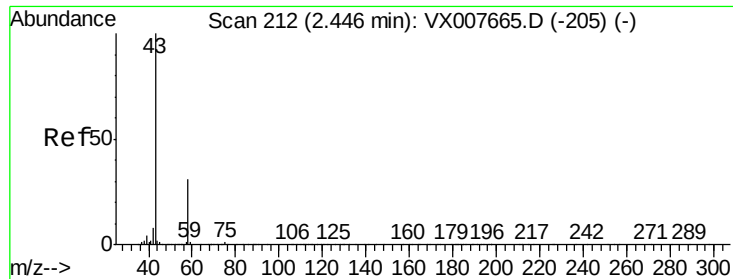


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 1.561 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007762.D

Acq: 28 Feb 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

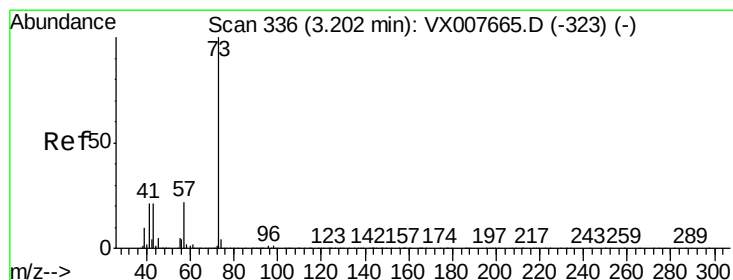
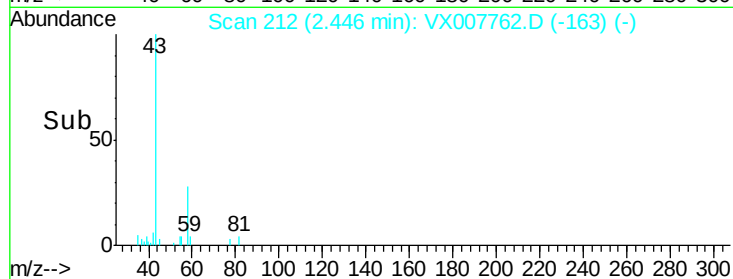
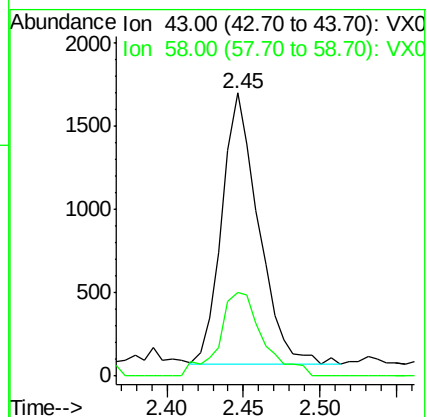
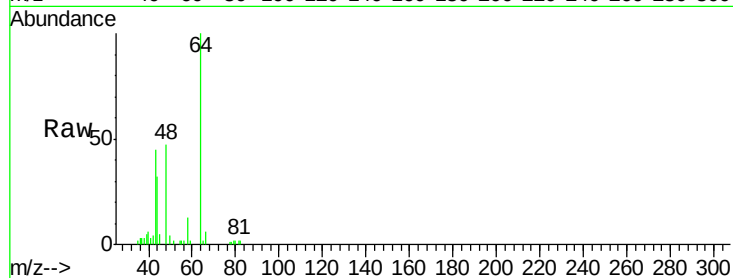
M1-T0-UV(PRE)

Tot Ion: 43 Resp: 2697

Ion Ratio Lower Upper

43 100

58 30.8 24.9 37.3



#19

Methyl tert-butyl Ether

Concen: 3.213 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX007762.D

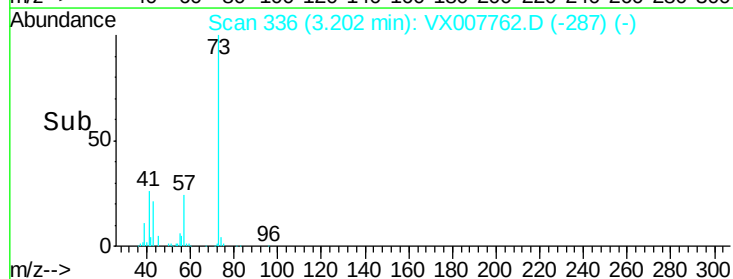
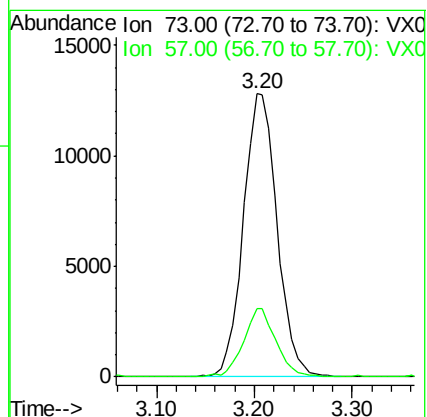
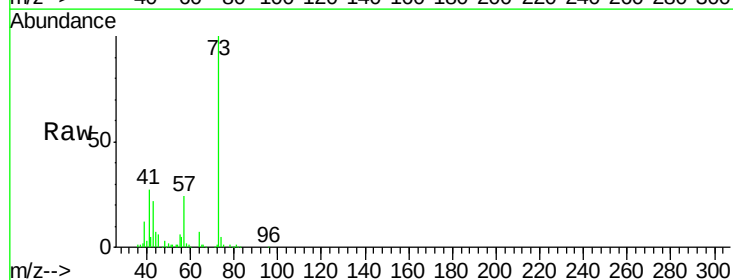
Acq: 28 Feb 2019 13:19

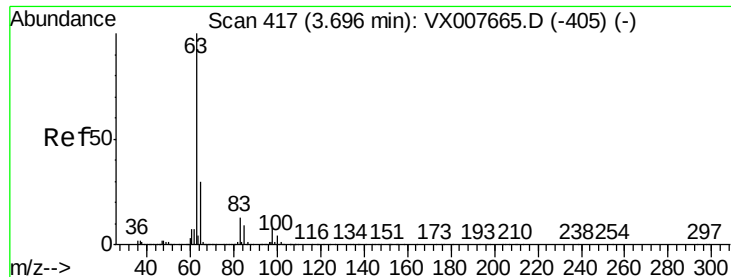
Tgt Ion: 73 Resp: 30694

Ion Ratio Lower Upper

73 100

57 24.0 17.8 26.8





#24

1,1-Dichloroethane

Concen: 1.429 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007762.D

Acq: 28 Feb 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

M1-T0-UV(PRE)

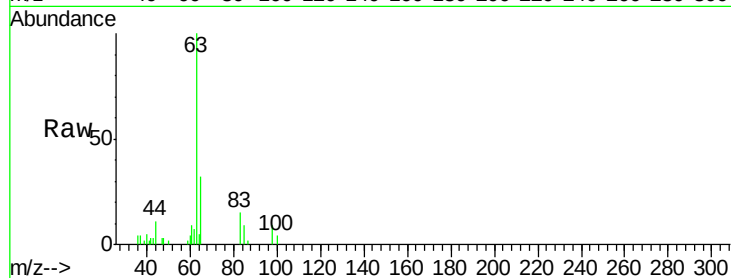
Tot Ion: 63 Resp: 8201

Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.8

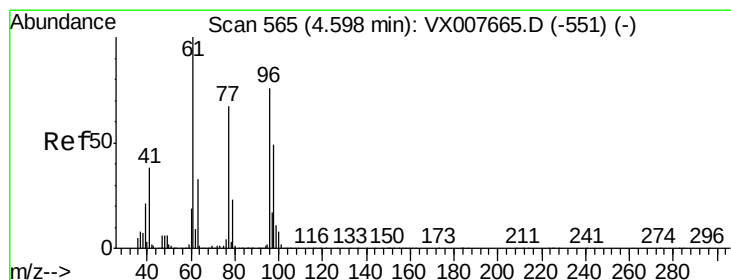
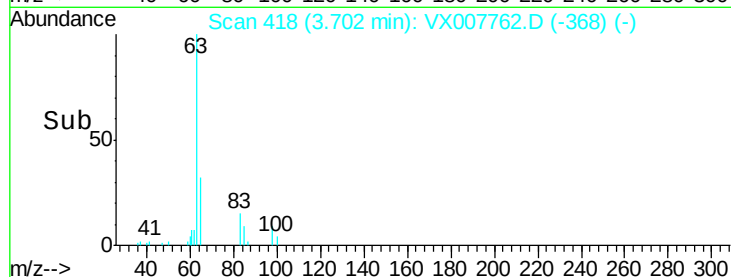
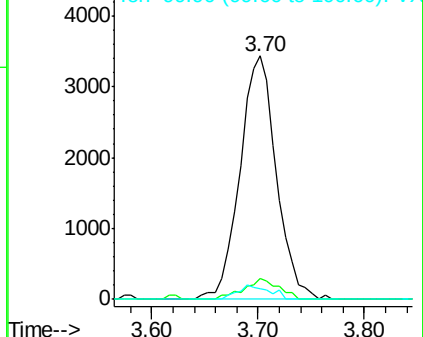
100 4.2 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.524 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007762.D

Acq: 28 Feb 2019 13:19

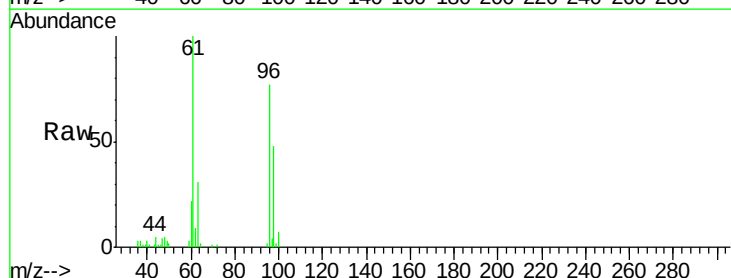
Tgt Ion: 96 Resp: 13372

Ion Ratio Lower Upper

96 100

61 132.7 0.0 265.6

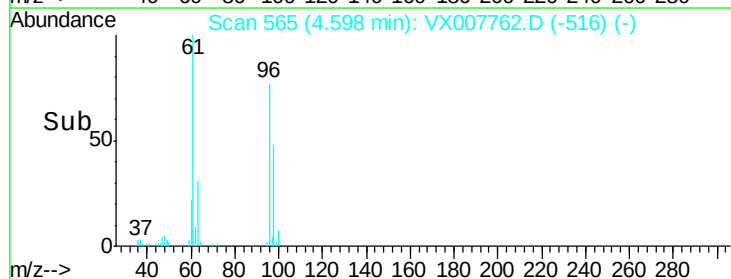
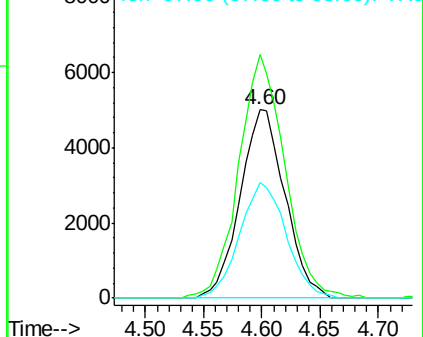
98 63.9 0.0 131.6

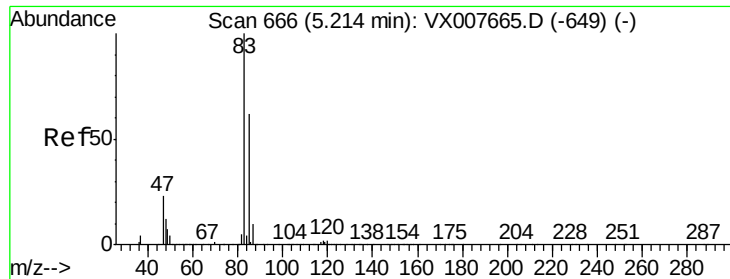


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

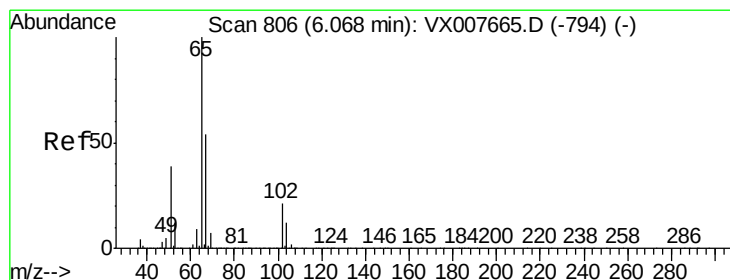
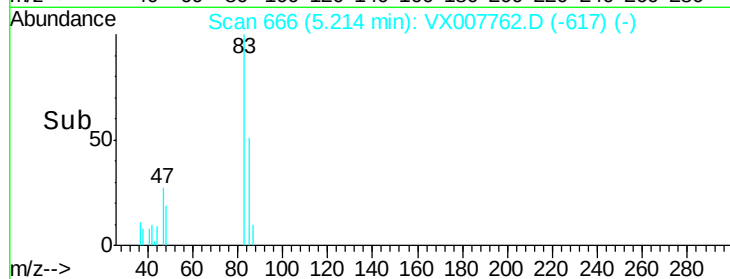
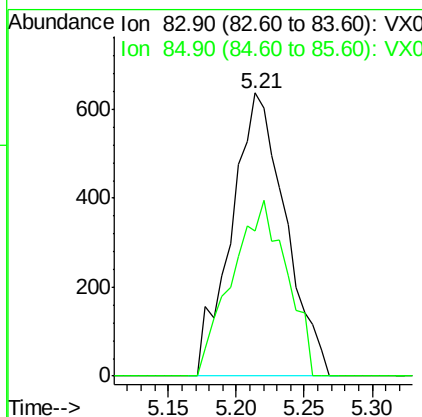
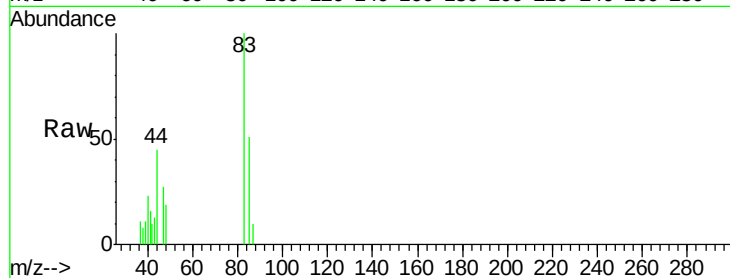




#30
Chloroform
Concen: 0.288 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007762.D
Acq: 28 Feb 2019 13:19

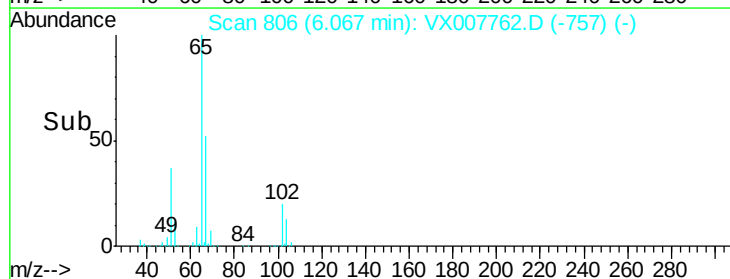
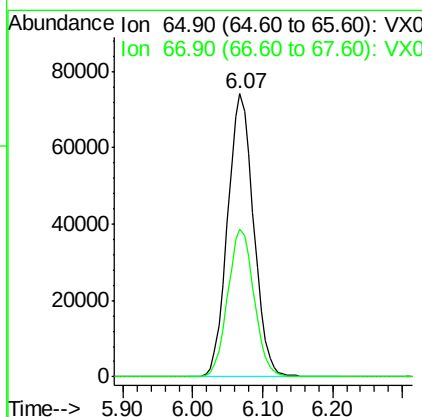
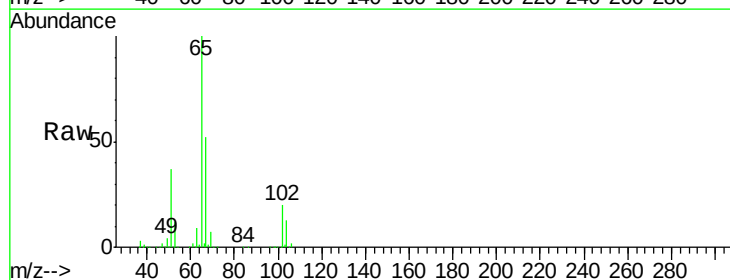
Instrument :
MSVOA_X
ClientSampleId :
M1-T0-UV(PRE)

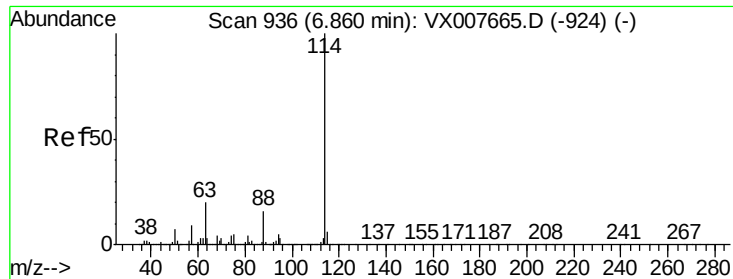
Tot Ion: 83 Resp: 1769
Ion Ratio Lower Upper
83 100
85 51.3 51.6 77.4#



#33
1,2-Dichloroethane-d4
Concen: 49.315 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007762.D
Acq: 28 Feb 2019 13:19

Tgt Ion: 65 Resp: 191583
Ion Ratio Lower Upper
65 100
67 52.8 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: VX007762.D

Acq: 28 Feb 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

M1-T0-UV(PRE)

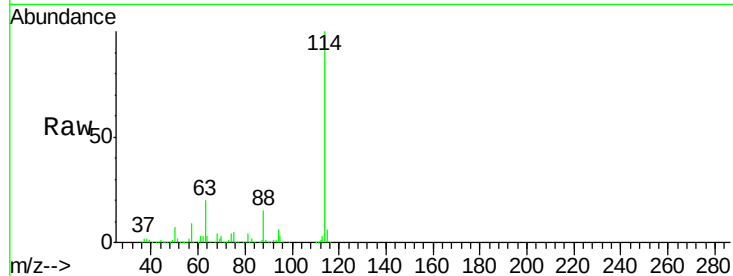
Tot Ion:114 Resp: 491805

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

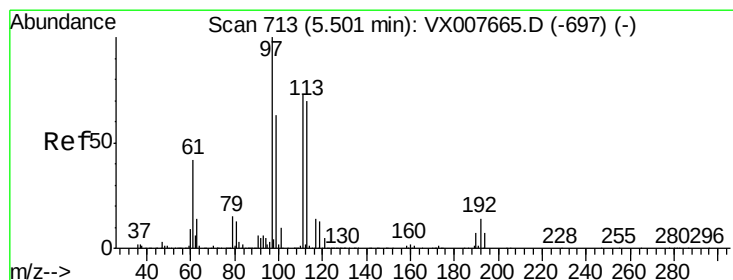
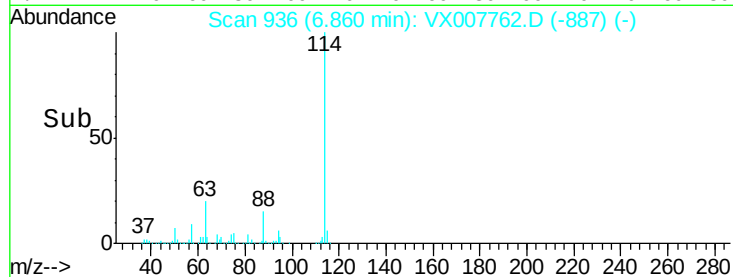
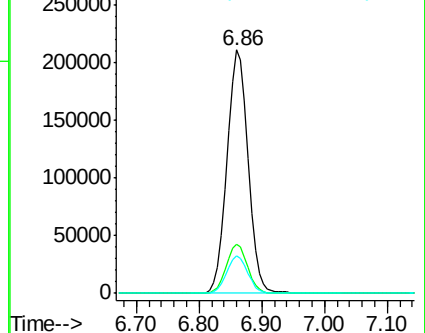
88 15.4 0.0 29.6



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: 49.202 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007762.D

Acq: 28 Feb 2019 13:19

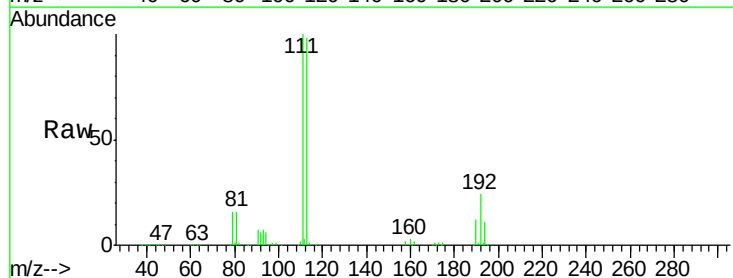
Tgt Ion:113 Resp: 161755

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

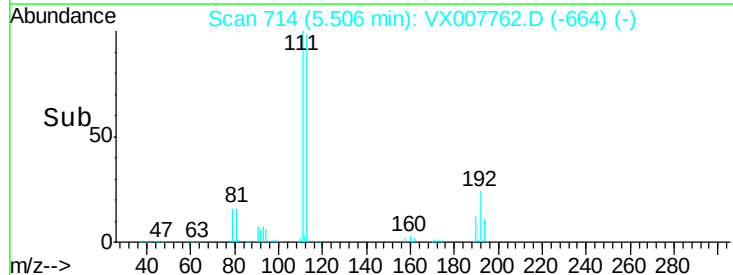
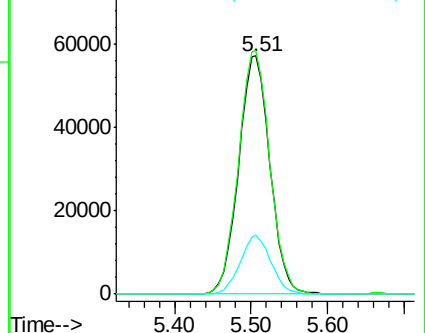
192 24.2 18.5 27.7

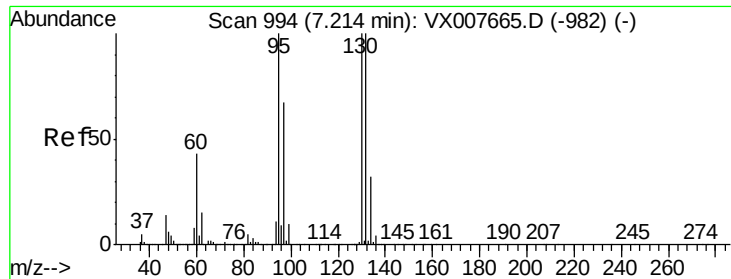


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 75.684 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007762.D

Acq: 28 Feb 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

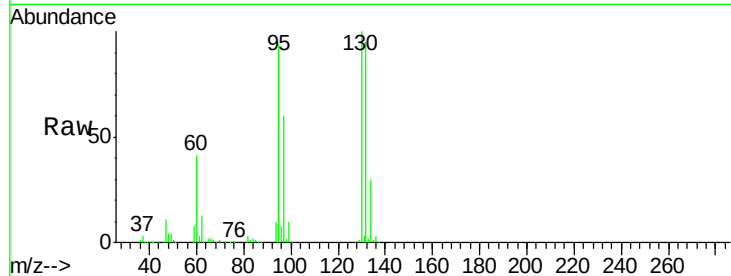
M1-T0-UV(PRE)

Tot Ion:130 Resp: 284169

Ion Ratio Lower Upper

130 100

95 94.3 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

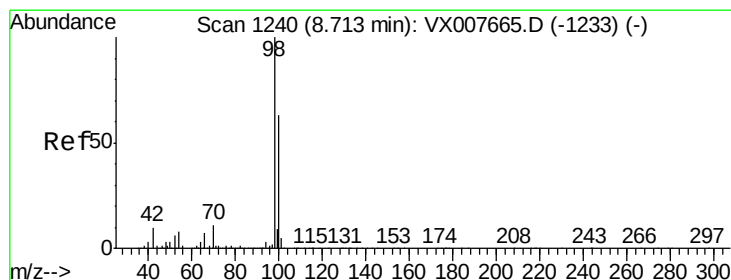
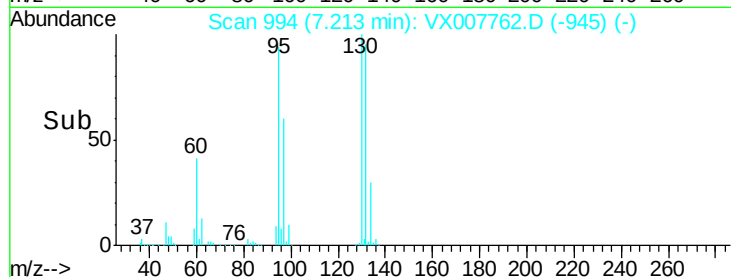
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 48.061 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007762.D

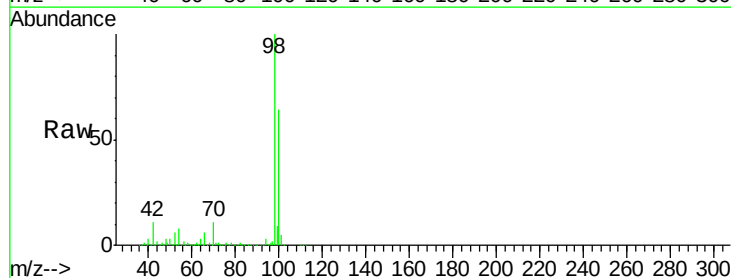
Acq: 28 Feb 2019 13:19

Tgt Ion: 98 Resp: 604898

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

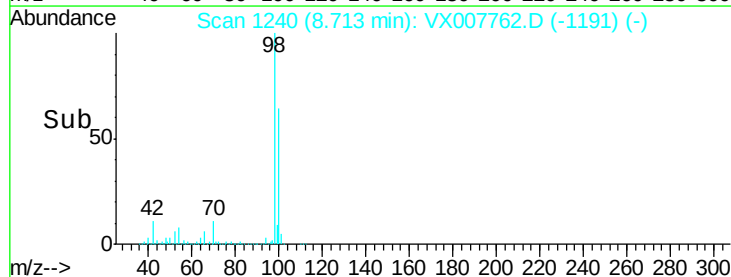
300000

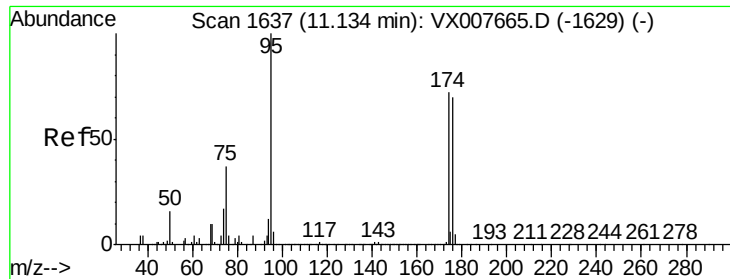
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007762.D

Acq: 28 Feb 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

M1-T0-UV(PRE)

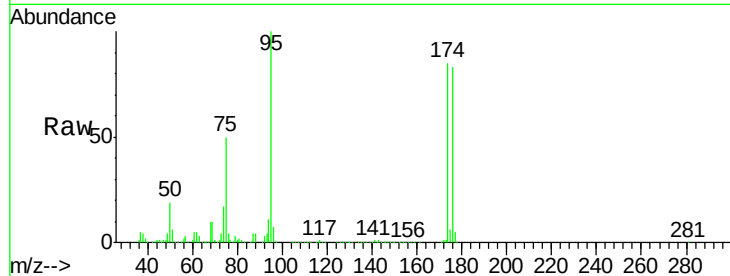
Tot Ion: 95 Resp: 214727

Ion Ratio Lower Upper

95 100

174 92.6 0.0 189.2

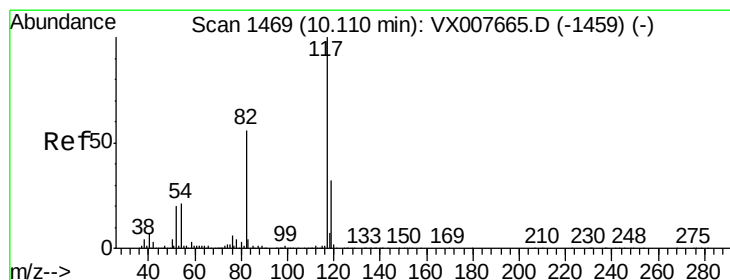
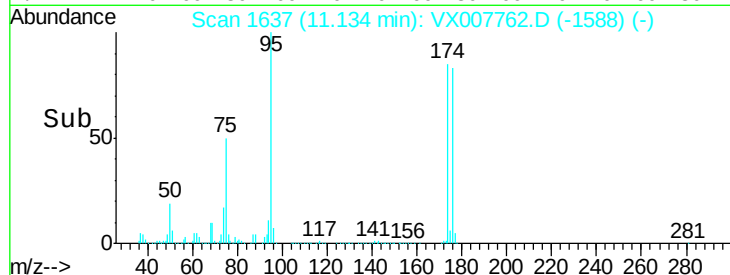
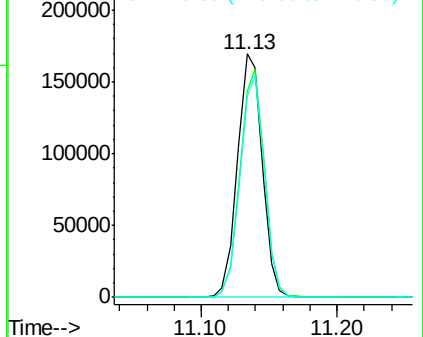
176 90.0 0.0 186.2



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007762.D

Acq: 28 Feb 2019 13:19

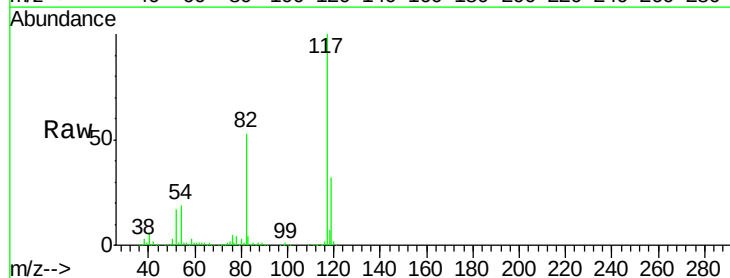
Tgt Ion: 117 Resp: 467798

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

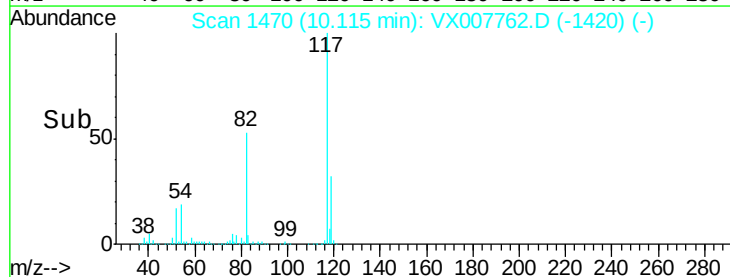
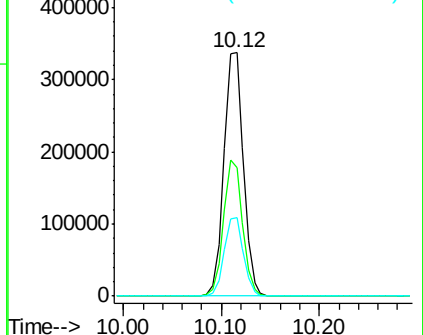
119 32.1 26.5 39.7

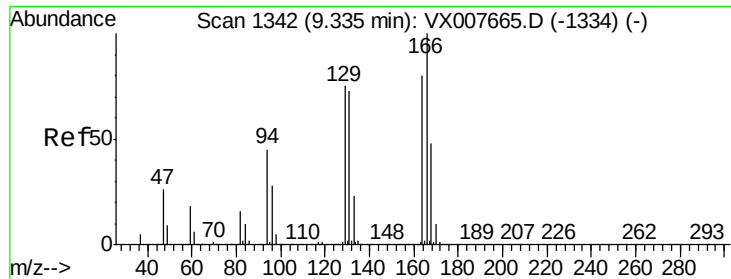


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

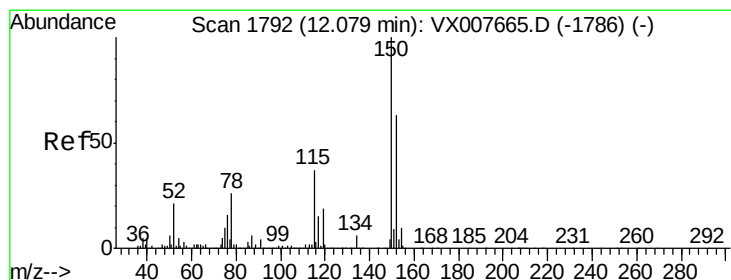
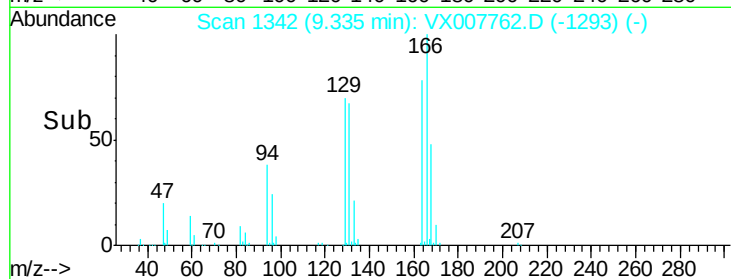
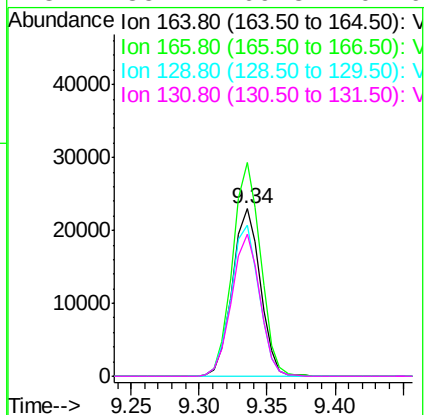
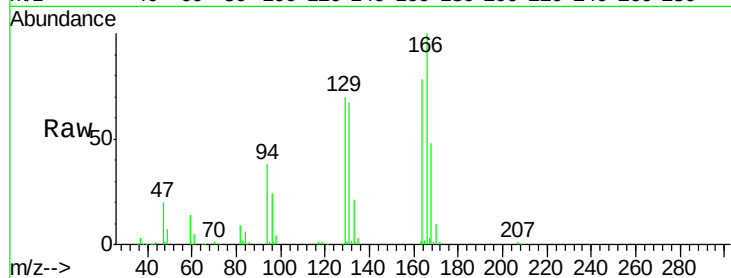




#64
Tetrachloroethene
Concen: 8.717 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007762.D
Acq: 28 Feb 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
M1-T0-UV(PRE)

Tot Ion:164 Resp: 33103
Ion Ratio Lower Upper
164 100
166 127.4 101.0 151.4
129 89.8 70.5 105.7
131 85.1 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: VX007762.D
Acq: 28 Feb 2019 13:19

Tgt Ion:152 Resp: 222208
Ion Ratio Lower Upper
152 100
115 54.6 38.0 114.0
150 156.5 0.0 346.4

