

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008272.D
 Acq On : 21 Mar 2019 04:31
 Operator : JC/SP
 Sample : K1912-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T3-UV(PRE)

Quant Time: Mar 22 08:09:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

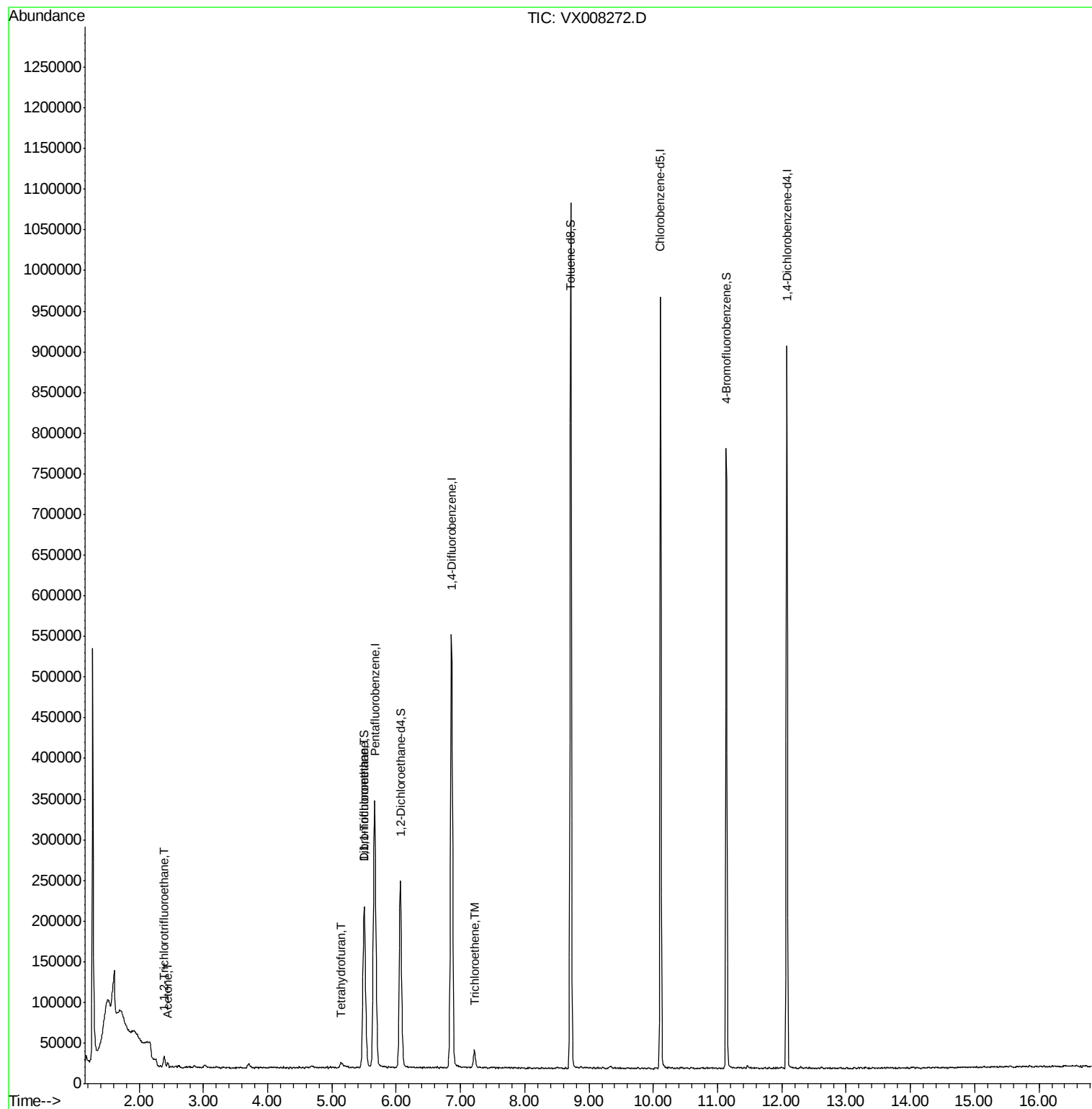
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	513268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	427789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218296	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	5.50	113	166717	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	625029	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.13	95	198506	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5945	1.484	ug/l	85
16) Acetone	2.45	43	5478	2.058	ug/l #	88
29) Tetrahydrofuran	5.14	42	5563	2.265	ug/l #	86
32) 1,1,1-Trichloroethane	5.51	97	3052	0.473	ug/l #	45
44) Trichloroethene	7.21	130	9072	2.098	ug/l	91

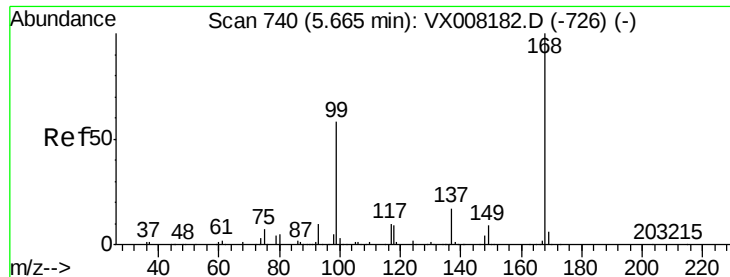
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008272.D

Acq: 21 Mar 2019 04:31

Instrument :

MSVOA_X

ClientSampleId :

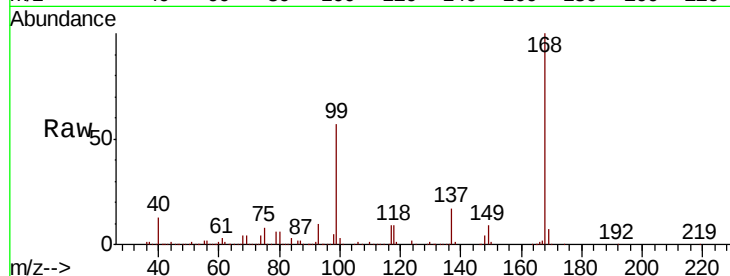
M3-T3-UV(PRE)

Tot Ion:168 Resp: 311619

Ion Ratio Lower Upper

168 100

99 56.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

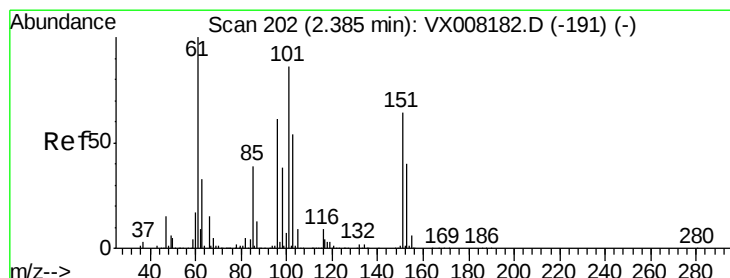
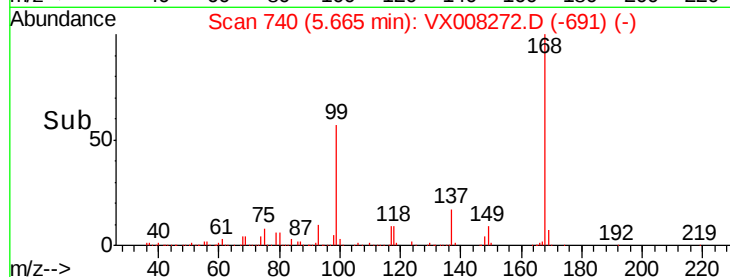
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.484 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008272.D

Acq: 21 Mar 2019 04:31

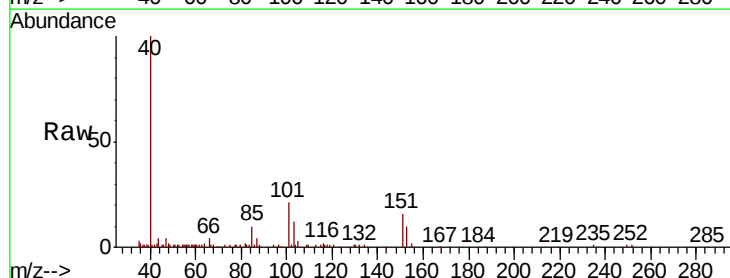
Tgt Ion:101 Resp: 5945

Ion Ratio Lower Upper

101 100

85 48.5 33.8 50.6

151 70.6 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

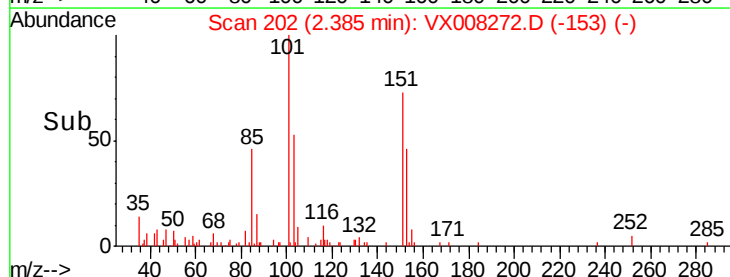
3000

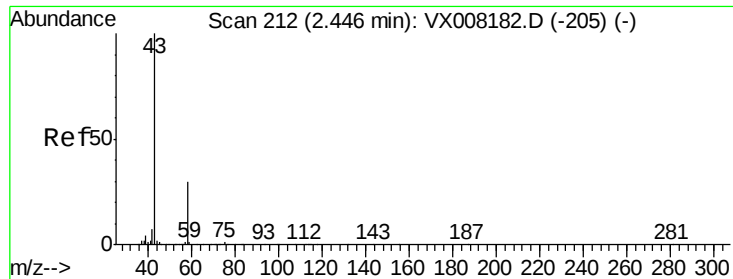
2000

1000

0

Time--> 2.30 2.35 2.40 2.45 2.50





#16

Acetone

Concen: 2.058 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008272.D

Acq: 21 Mar 2019 04:31

Instrument :

MSVOA_X

ClientSampleId :

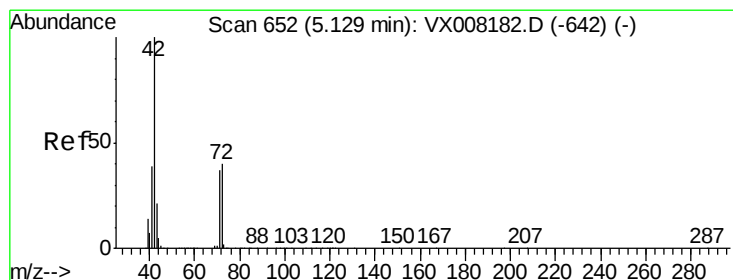
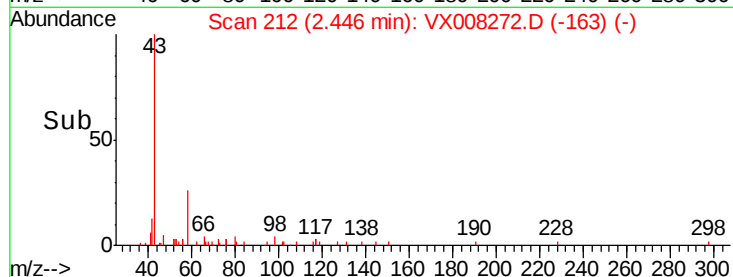
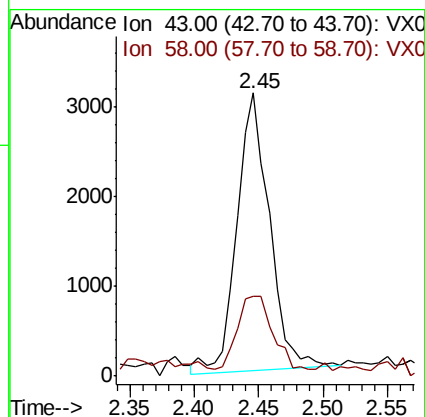
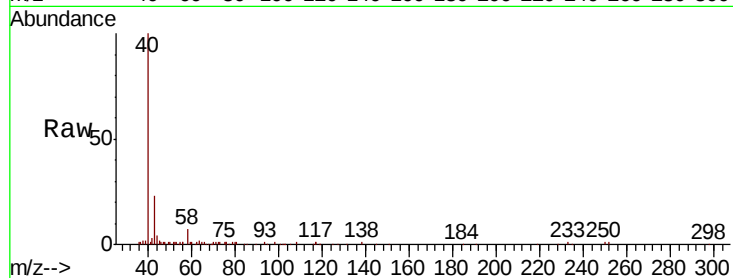
M3-T3-UV(PRE)

Tot Ion: 43 Resp: 5478

Ion Ratio Lower Upper

43 100

58 25.5 25.5 38.3#



#29

Tetrahydrofuran

Concen: 2.265 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX008272.D

Acq: 21 Mar 2019 04:31

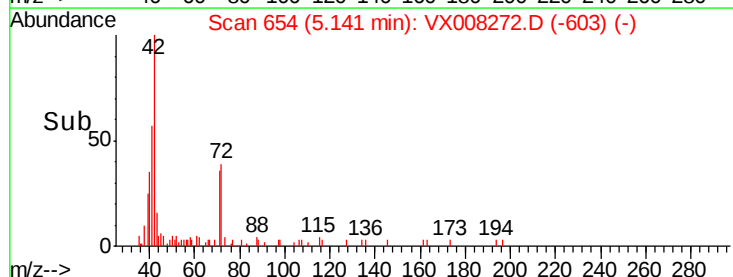
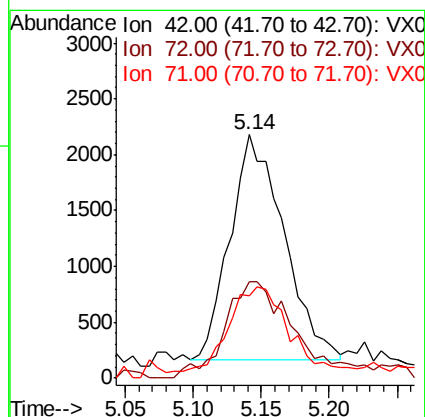
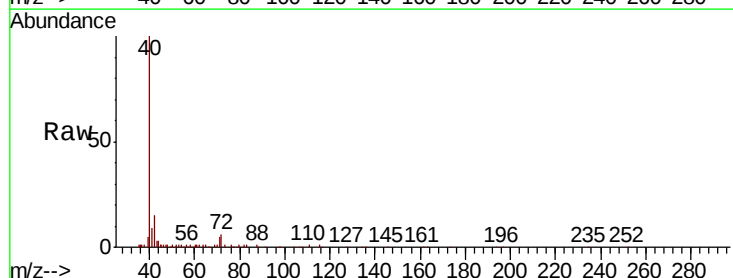
Tgt Ion: 42 Resp: 5563

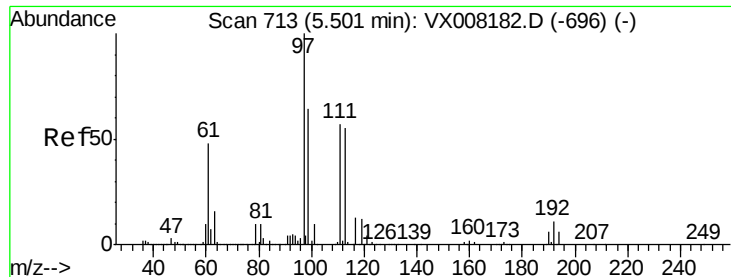
Ion Ratio Lower Upper

42 100

72 56.0 33.8 50.6#

71 42.4 31.5 47.3





#32

1,1,1-Trichloroethane

Concen: 0.473 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008272.D

Acq: 21 Mar 2019 04:31

Instrument :

MSVOA_X

ClientSampleId :

M3-T3-UV(PRE)

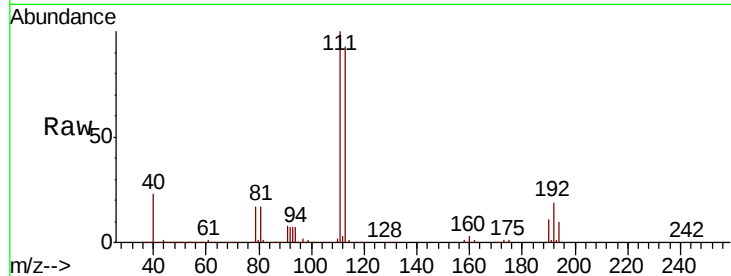
Tot Ion: 97 Resp: 3052

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

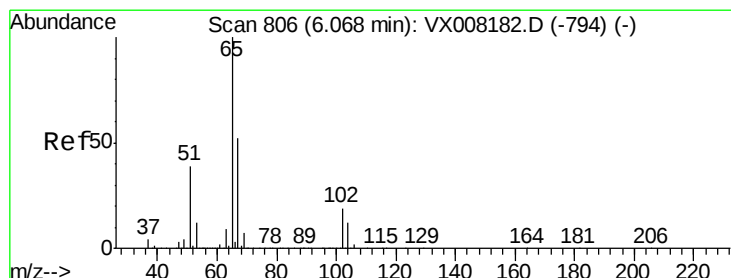
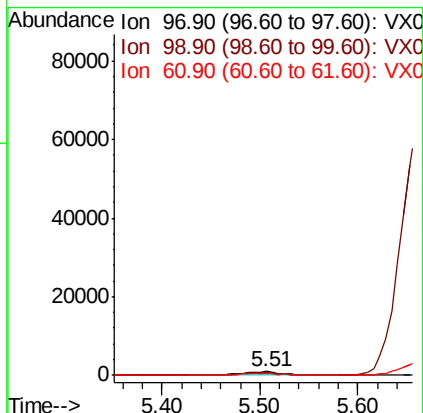
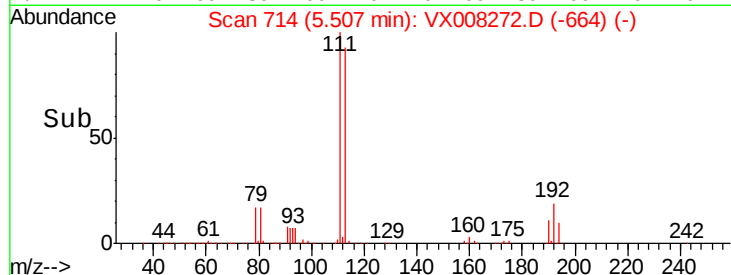
61 34.1 34.9 52.3#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.513 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008272.D

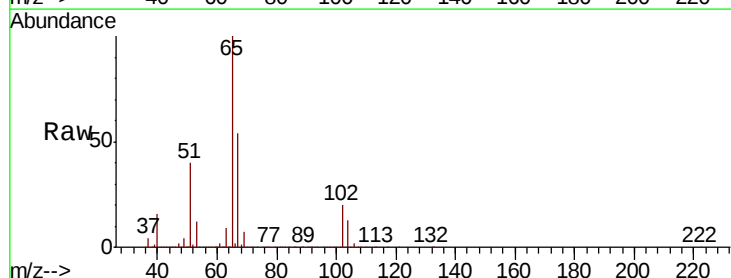
Acq: 21 Mar 2019 04:31

Tgt Ion: 65 Resp: 218296

Ion Ratio Lower Upper

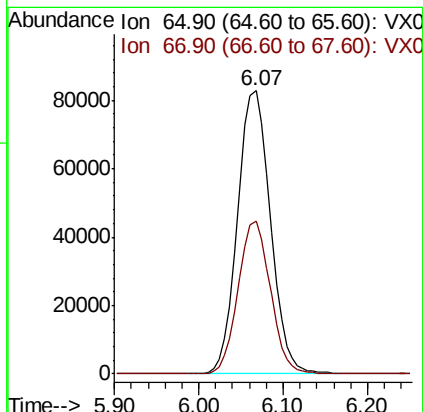
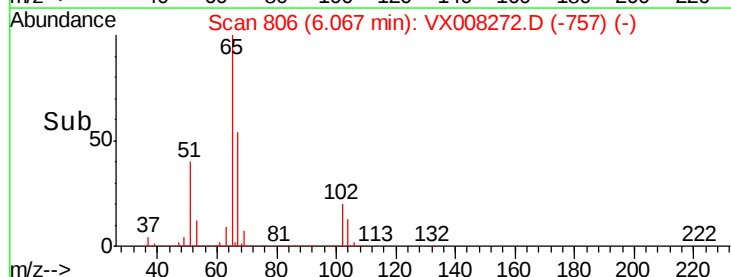
65 100

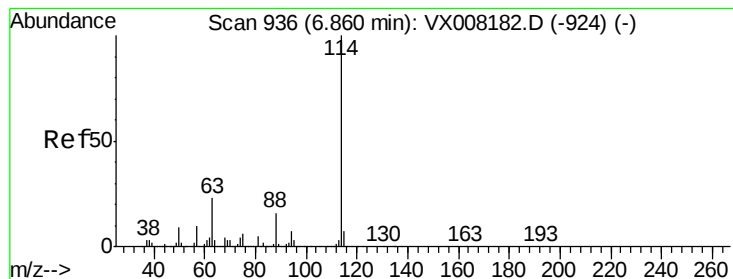
67 53.2 0.0 110.0



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: VX008272.D

Acq: 21 Mar 2019 04:31

Instrument :

MSVOA_X

ClientSampleId :

M3-T3-UV(PRE)

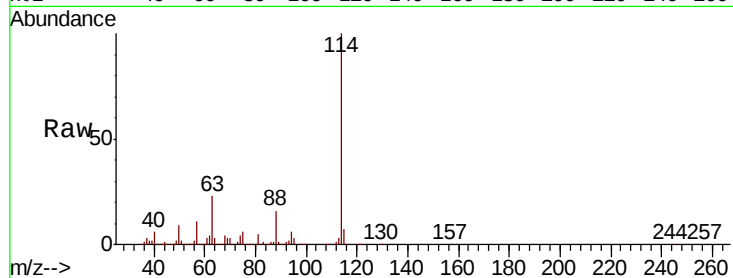
Tot Ion:114 Resp: 513268

Ion Ratio Lower Upper

114 100

63 23.3 0.0 39.8

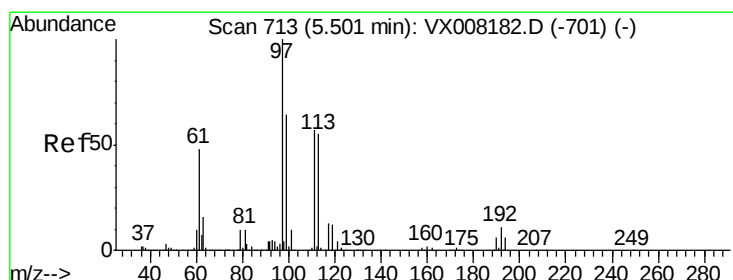
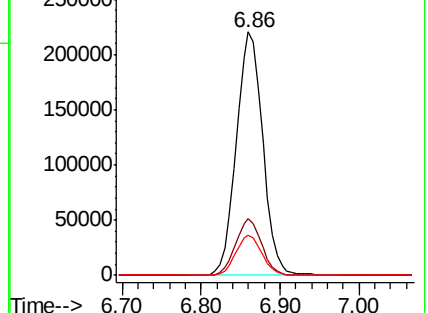
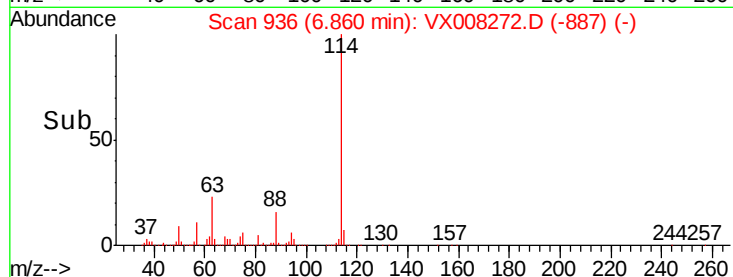
88 16.3 0.0 31.4



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: 48.521 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008272.D

Acq: 21 Mar 2019 04:31

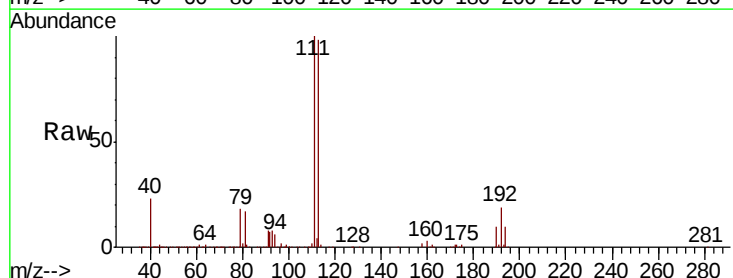
Tgt Ion:113 Resp: 166717

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

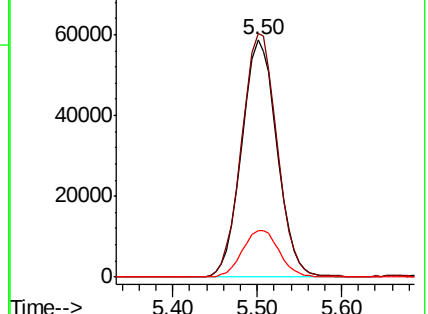
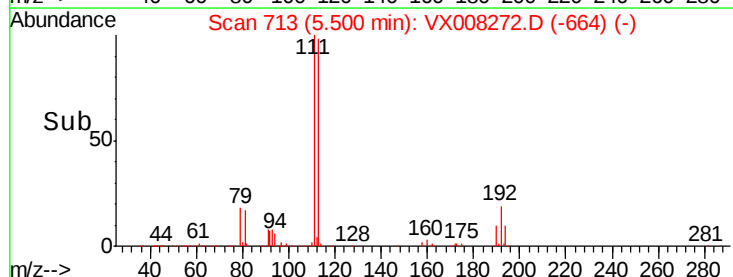
192 20.5 19.4 29.0

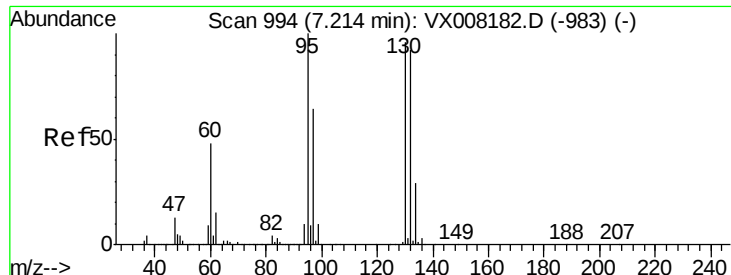


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

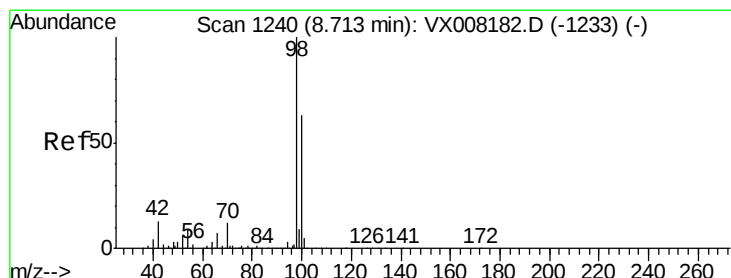
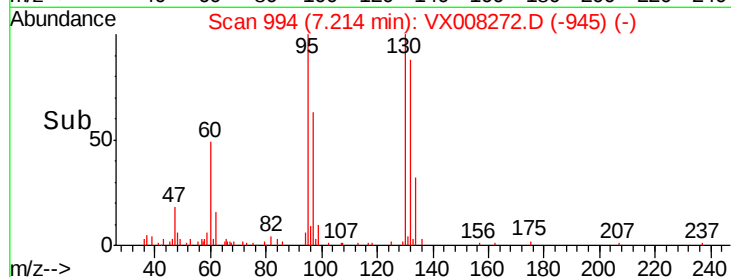
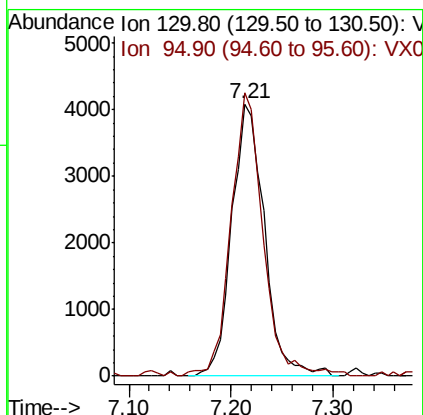
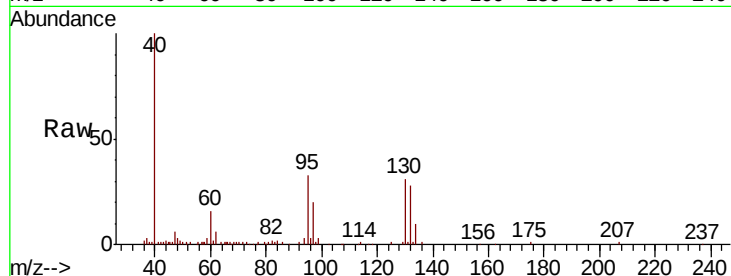




#44
 Trichloroethene
 Concen: 2.098 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008272.D
 Acq: 21 Mar 2019 04:31

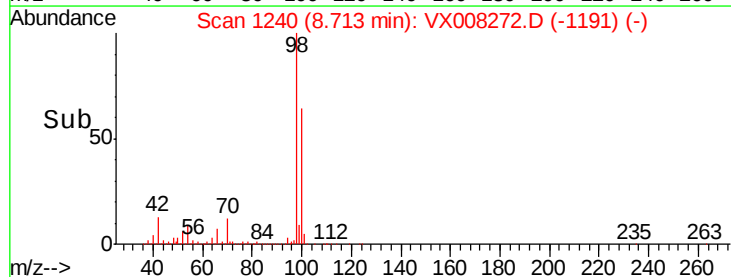
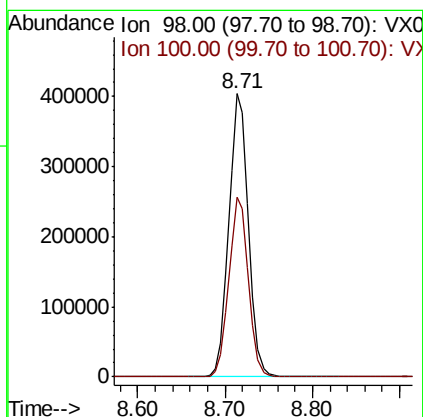
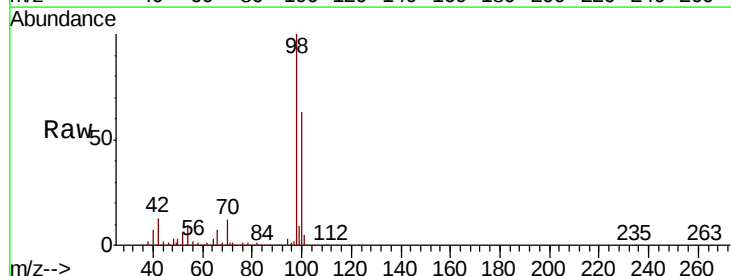
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T3-UV(PRE)

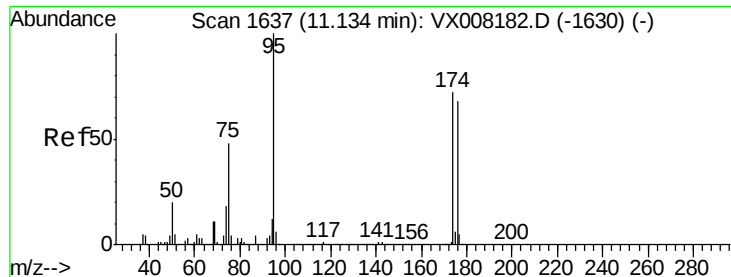
Tot Ion:130 Resp: 9072
 Ion Ratio Lower Upper
 130 100
 95 102.4 0.0 188.0



#50
 Toluene-d8
 Concen: 47.979 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008272.D
 Acq: 21 Mar 2019 04:31

Tgt Ion: 98 Resp: 625029
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.7 77.5

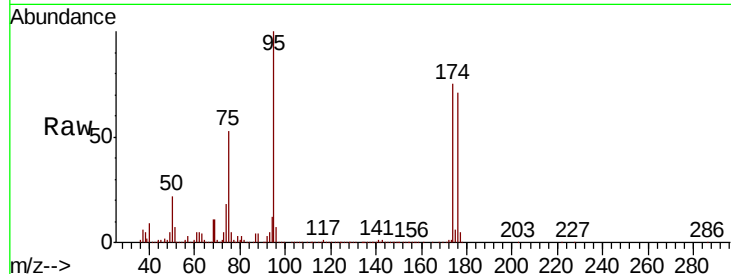




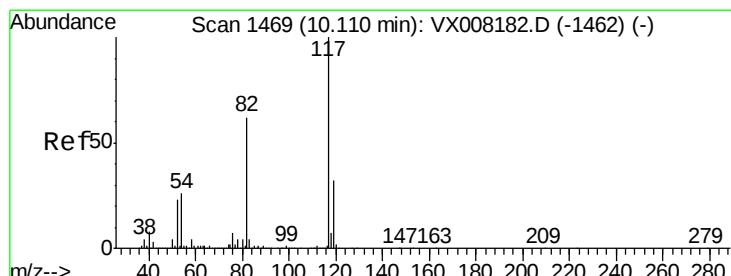
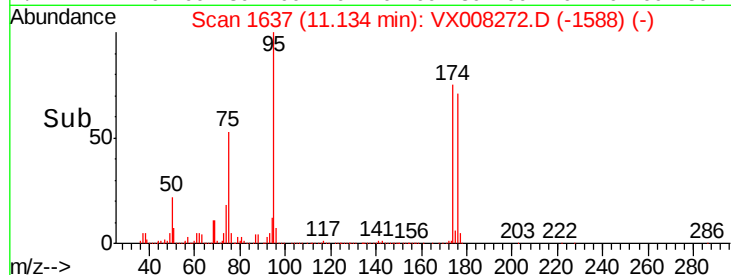
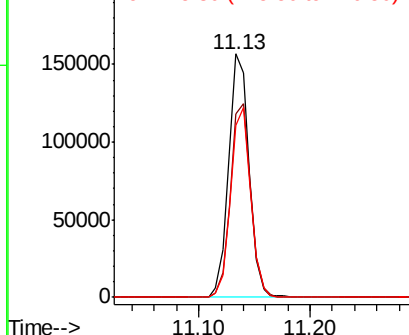
#62
4-Bromofluorobenzene
Concen: 44.255 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008272.D
Acq: 21 Mar 2019 04:31

Instrument :
MSVOA_X
ClientSampleId :
M3-T3-UV(PRE)

Tot Ion: 95 Resp: 198506
Ion Ratio Lower Upper
95 100
174 79.6 0.0 182.8
176 76.4 0.0 178.0

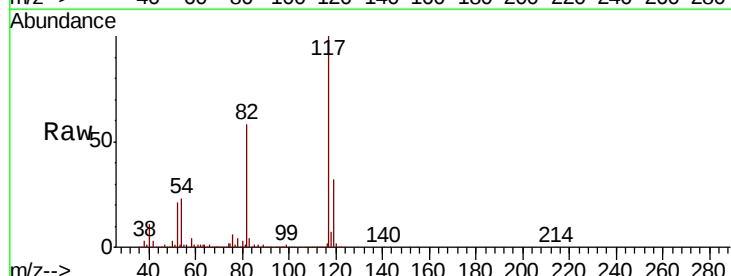


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

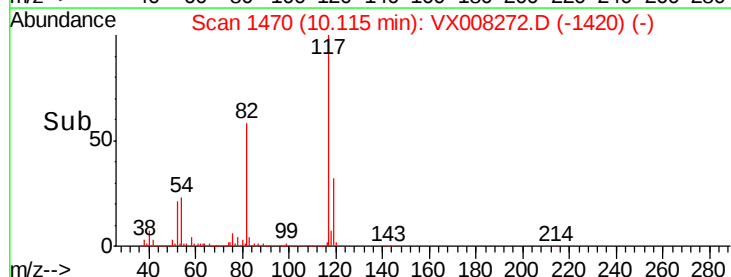
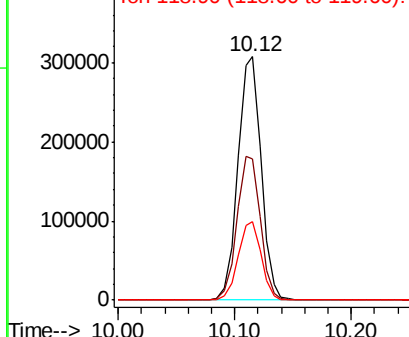


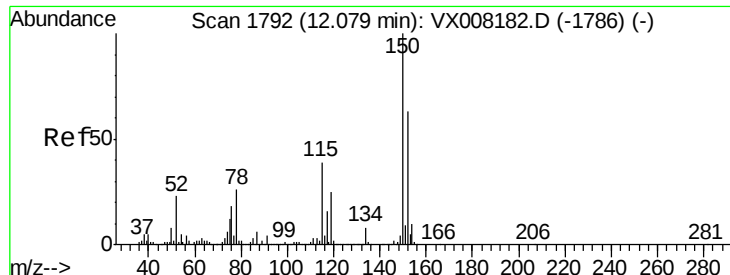
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008272.D
Acq: 21 Mar 2019 04:31

Tgt Ion: 117 Resp: 427789
Ion Ratio Lower Upper
117 100
82 58.1 44.3 66.5
119 32.5 25.3 37.9



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: VX008272.D

Acq: 21 Mar 2019 04:31

Instrument :

MSVOA_X

ClientSampleId :

M3-T3-UV(PRE)

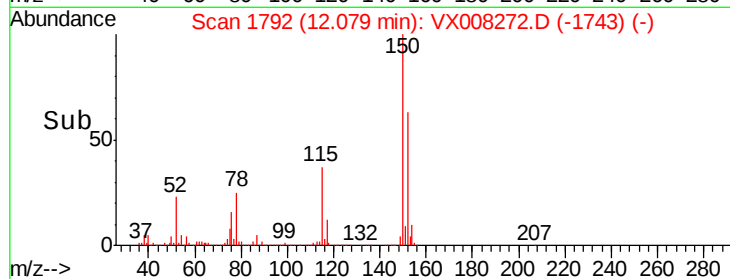
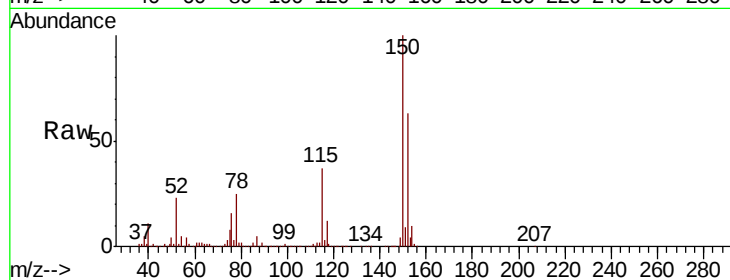
Tot Ion:152 Resp: 170626

Ion Ratio Lower Upper

152 100

115 60.5 38.6 115.7

150 159.1 0.0 348.4



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

