

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008663.D
 Acq On : 05 Apr 2019 02:36
 Operator : JC/SP
 Sample : K2274-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW162-190402

Quant Time: Apr 05 09:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

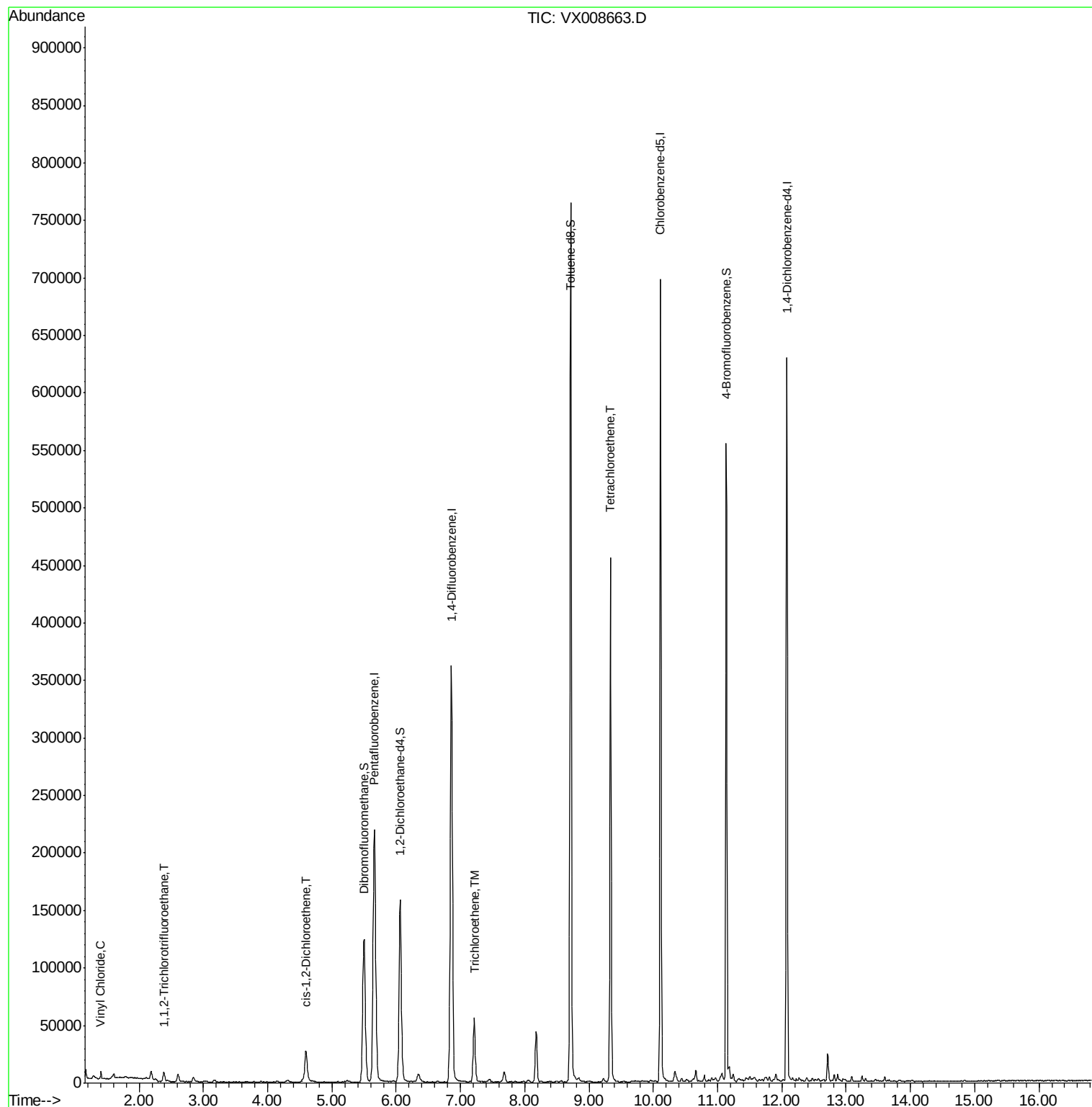
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	148105	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
35) Dibromofluoromethane	5.50	113	109074	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
50) Toluene-d8	8.71	98	444169	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.13	95	148108	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
4) Vinyl Chloride	1.40	62	4152	1.258	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2969	1.264	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	16057	5.264	ug/l	90
44) Trichloroethene	7.21	130	21116	7.779	ug/l	94
64) Tetrachloroethene	9.34	164	85651	37.910	ug/l	99

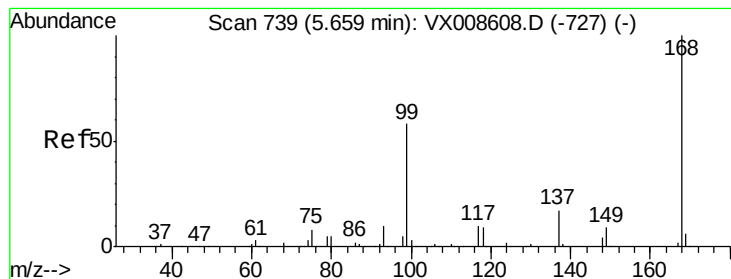
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008663.D

Acq: 05 Apr 2019 02:36

Instrument :

MSVOA_X

ClientSampleId :

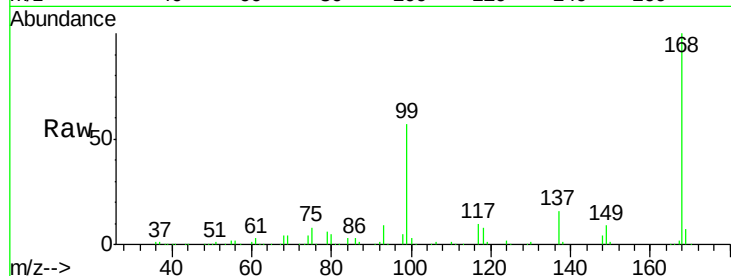
SS037MW162-190402

Tot Ion:168 Resp: 212152

Ion Ratio Lower Upper

168 100

99 56.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

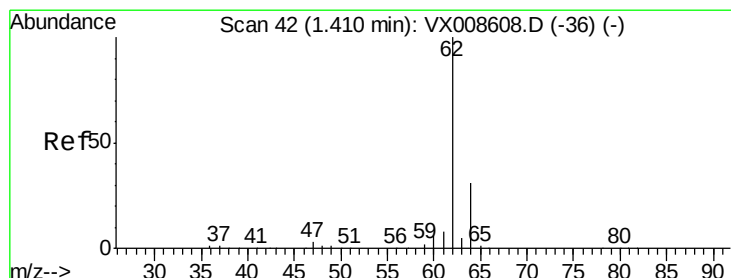
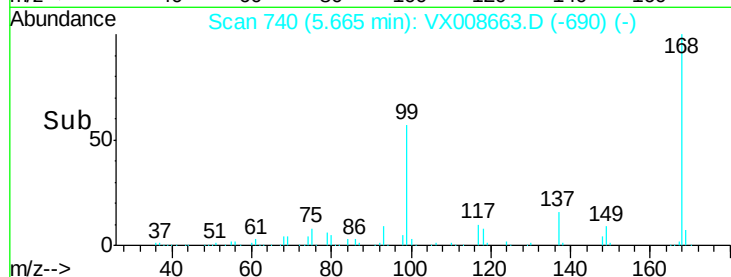
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.258 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008663.D

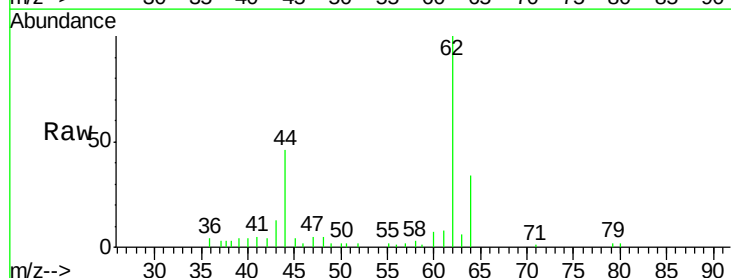
Acq: 05 Apr 2019 02:36

Tgt Ion: 62 Resp: 4152

Ion Ratio Lower Upper

62 100

64 31.3 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

4000

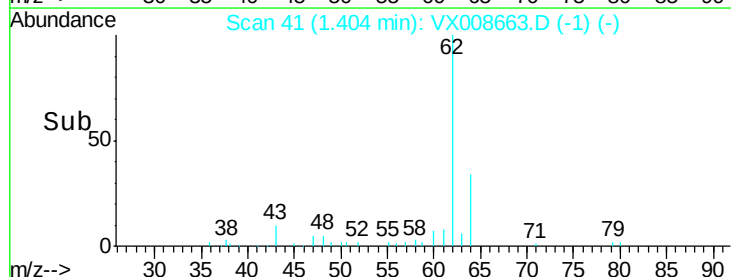
3000

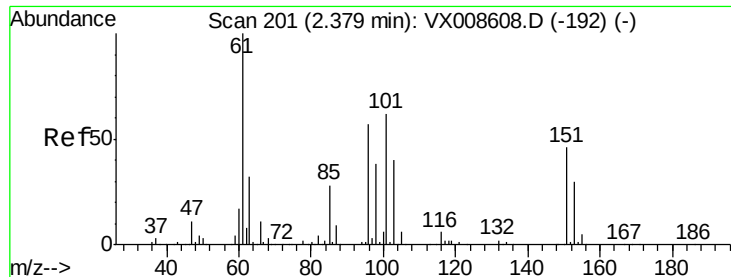
2000

1000

0

Time--> 1.35 1.40 1.45





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.264 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008663.D

Acq: 05 Apr 2019 02:36

Instrument :

MSVOA_X

ClientSampleId :

SS037MW162-190402

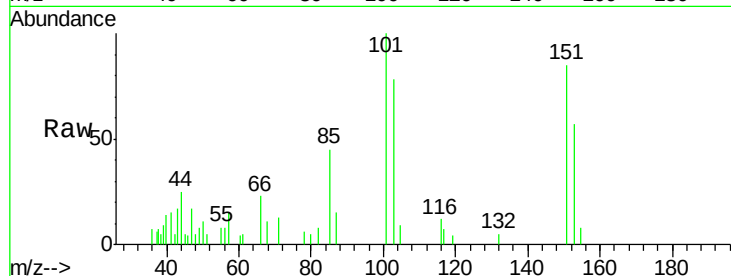
Tot Ion:101 Resp: 2969

Ion Ratio Lower Upper

101 100

85 48.3 36.0 54.0

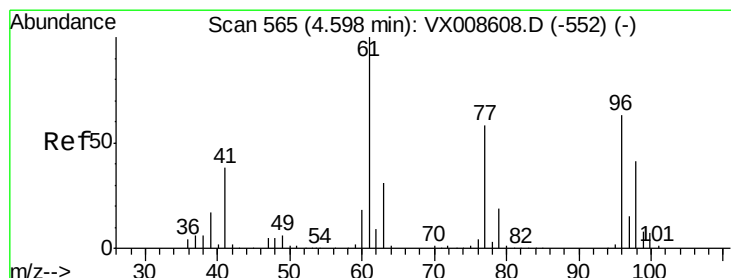
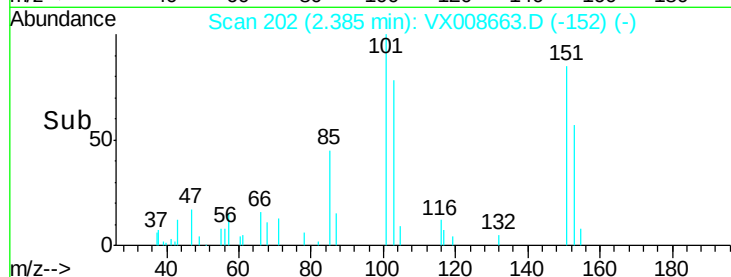
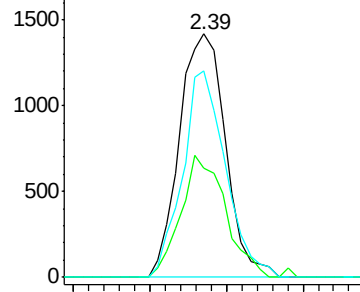
151 79.2 59.9 89.9



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



#27

cis-1,2-Dichloroethene

Concen: 5.264 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008663.D

Acq: 05 Apr 2019 02:36

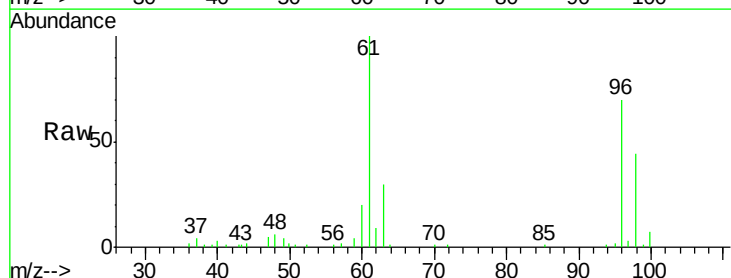
Tgt Ion: 96 Resp: 16057

Ion Ratio Lower Upper

96 100

61 146.7 0.0 327.6

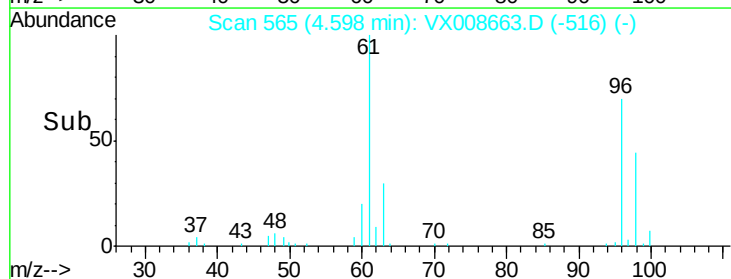
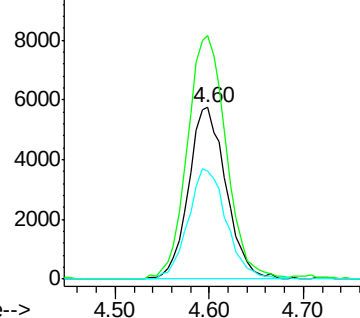
98 65.4 0.0 128.6

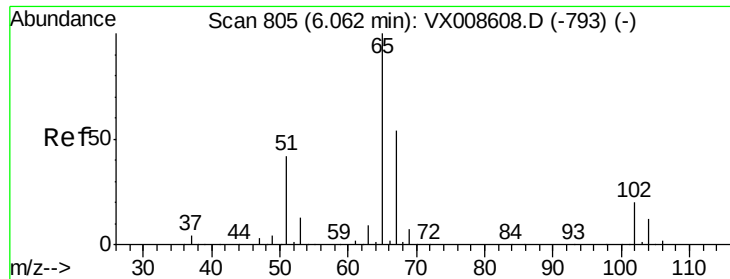


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

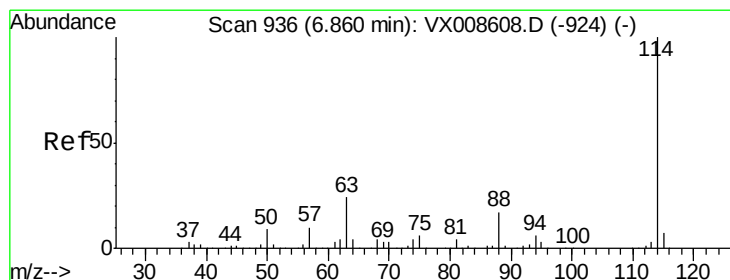
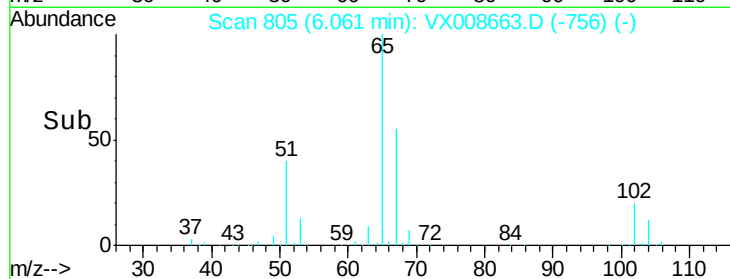
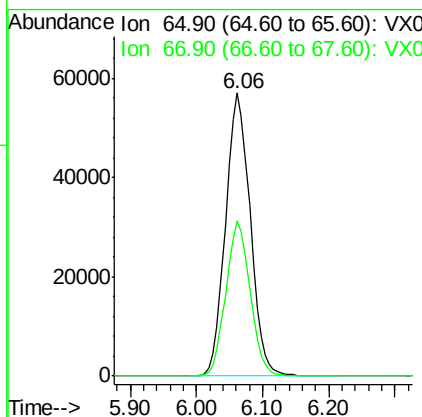
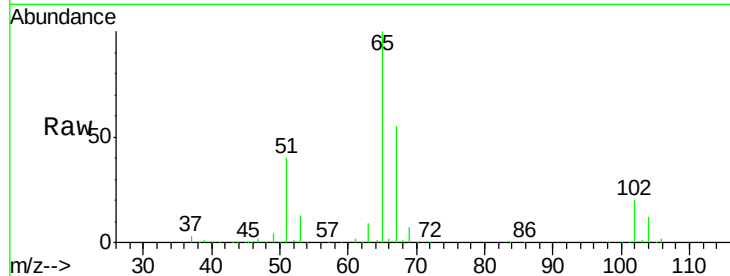




#33
 1,2-Dichloroethane-d4
 Concen: 47.863 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008663.D
 Acq: 05 Apr 2019 02:36

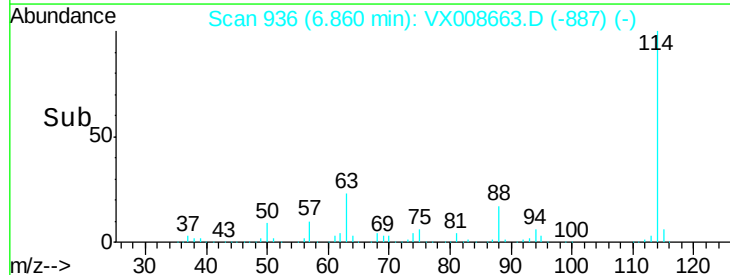
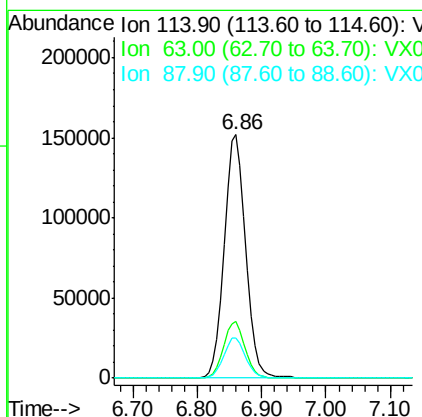
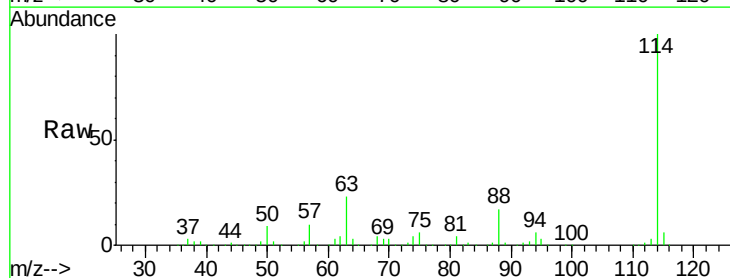
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW162-190402

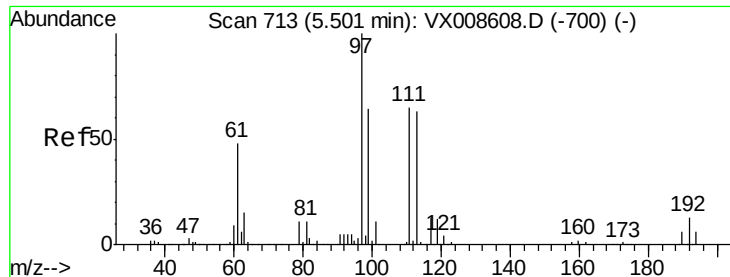
Tot Ion: 65 Resp: 148105
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008663.D
 Acq: 05 Apr 2019 02:36

Tgt Ion: 114 Resp: 357907
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.665 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008663.D

Acq: 05 Apr 2019 02:36

Instrument :

MSVOA_X

ClientSampleId :

SS037MW162-190402

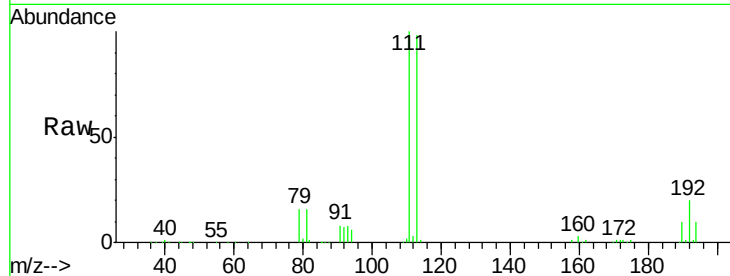
Tot Ion:113 Resp: 109074

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

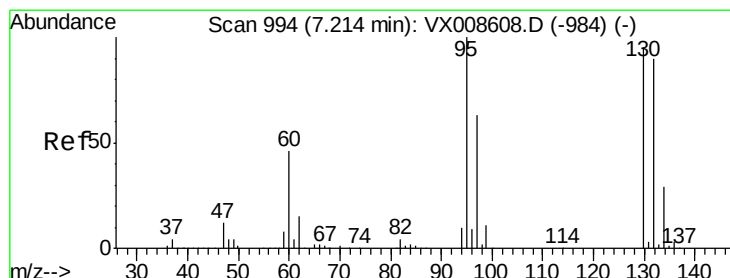
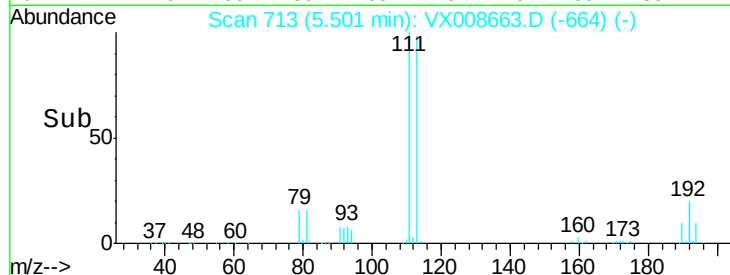
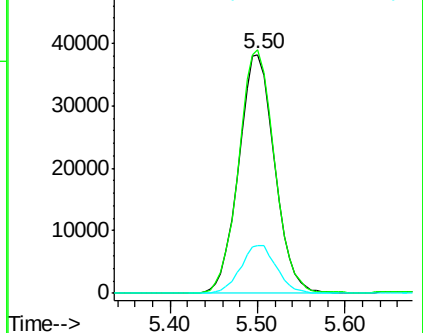
192 20.2 16.1 24.1



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: 7.779 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008663.D

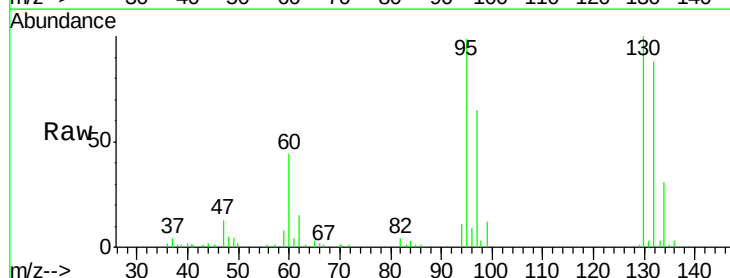
Acq: 05 Apr 2019 02:36

Tgt Ion:130 Resp: 21116

Ion Ratio Lower Upper

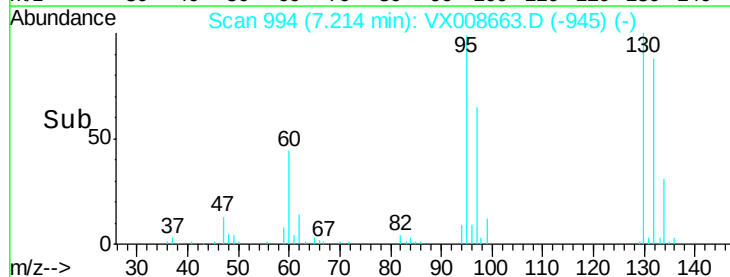
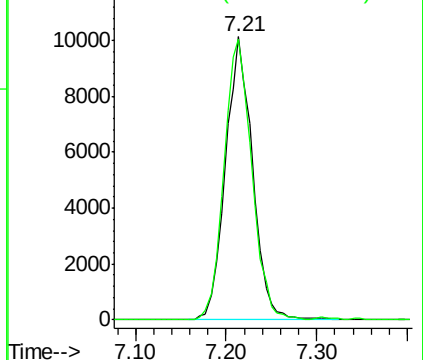
130 100

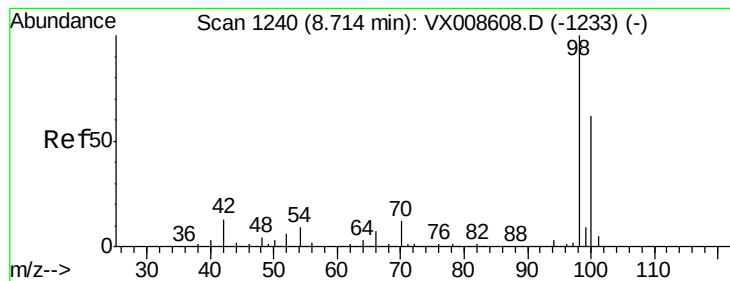
95 99.1 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.748 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008663.D

Acq: 05 Apr 2019 02:36

Instrument :

MSVOA_X

ClientSampleId :

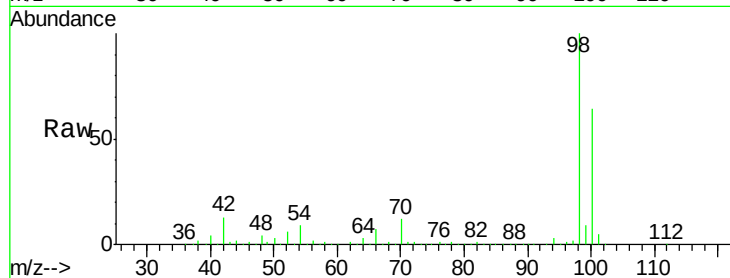
SS037MW162-190402

Tot Ion: 98 Resp: 444169

Ion Ratio Lower Upper

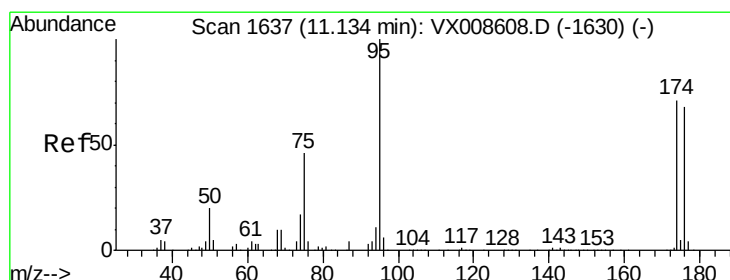
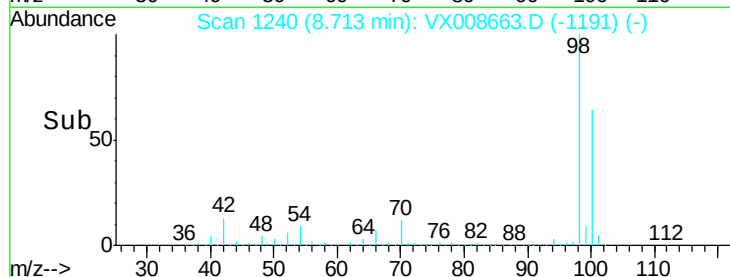
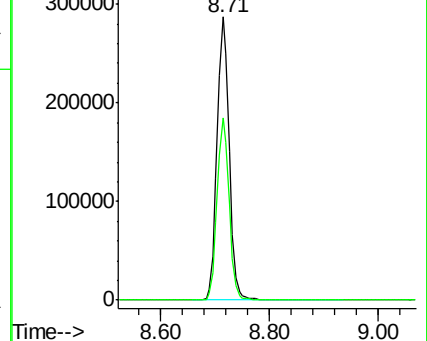
98 100

100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.839 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008663.D

Acq: 05 Apr 2019 02:36

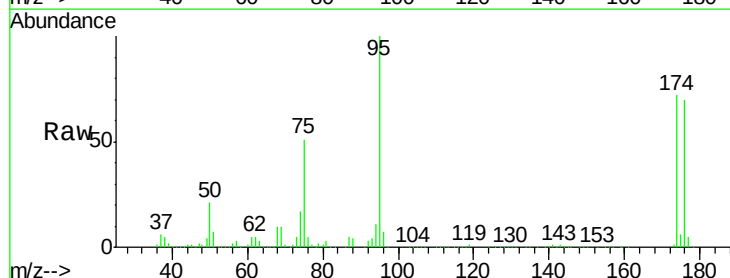
Tgt Ion: 95 Resp: 148108

Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.8

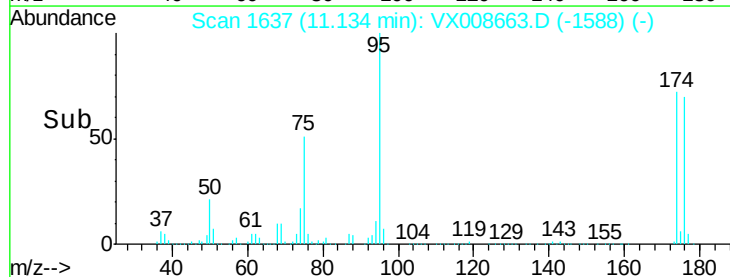
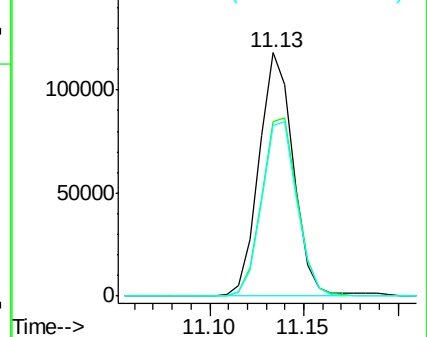
176 74.3 0.0 145.8

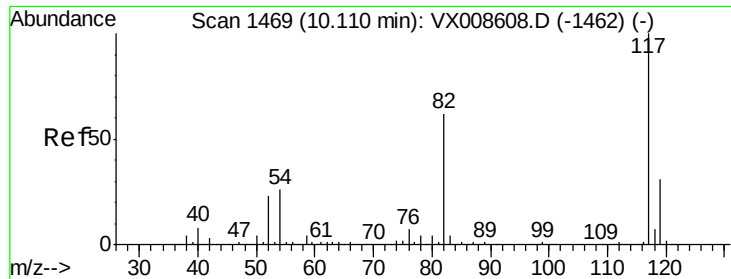


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

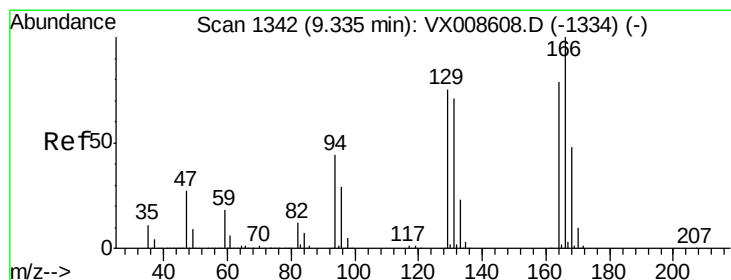
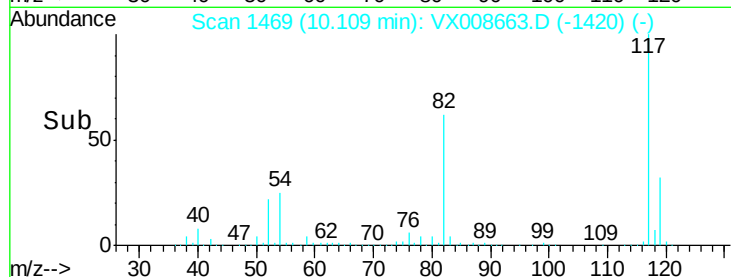
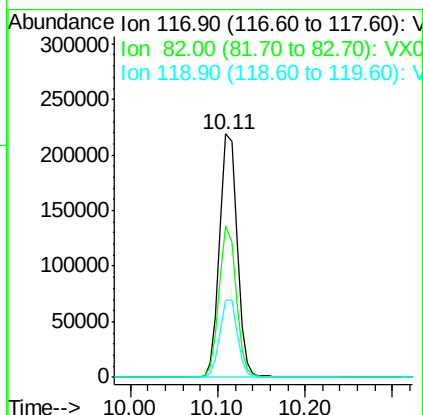
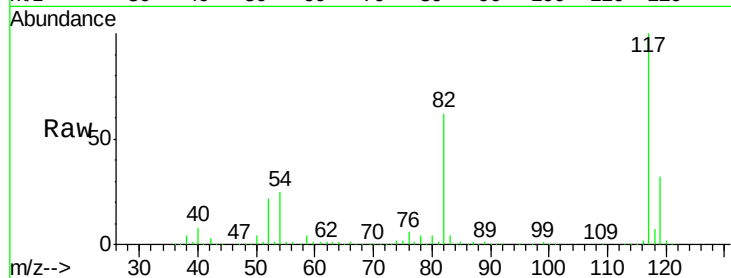




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008663.D
Acq: 05 Apr 2019 02:36

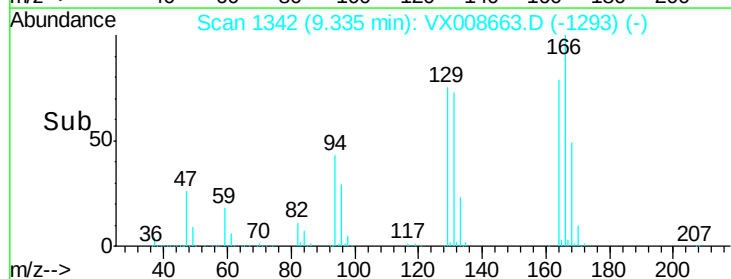
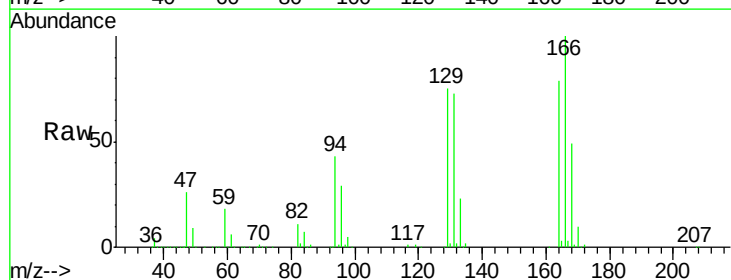
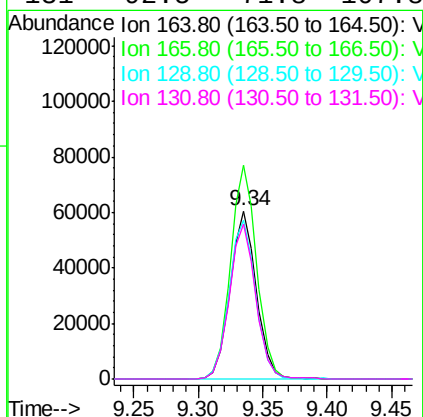
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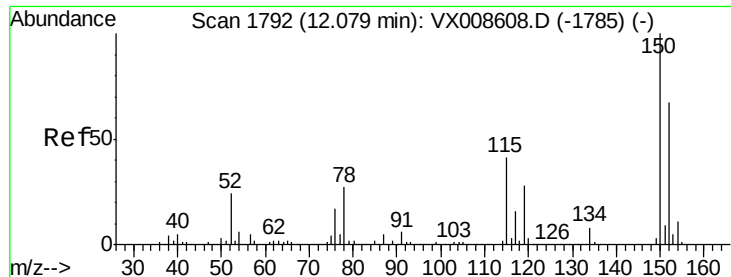
Tot Ion:117 Resp: 304943
Ion Ratio Lower Upper
117 100
82 62.0 49.6 74.4
119 32.0 25.0 37.4



#64
Tetrachloroethene
Concen: 37.910 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008663.D
Acq: 05 Apr 2019 02:36

Tgt Ion:164 Resp: 85651
Ion Ratio Lower Upper
164 100
166 127.3 101.0 151.6
129 95.0 75.8 113.8
131 92.5 71.8 107.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008663.D

Acq: 05 Apr 2019 02:36

Instrument :

MSVOA_X

ClientSampleId :

SS037MW162-190402

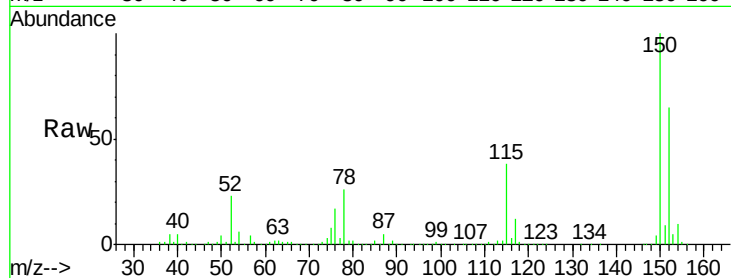
Tot Ion:152 Resp: 127241

Ion Ratio Lower Upper

152 100

115 60.0 43.5 130.5

150 154.4 0.0 348.8



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

