

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008864.D
 Acq On : 11 Apr 2019 20:00
 Operator : JC/SP
 Sample : K2349-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW151-190409

Quant Time: Apr 12 08:35:45 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

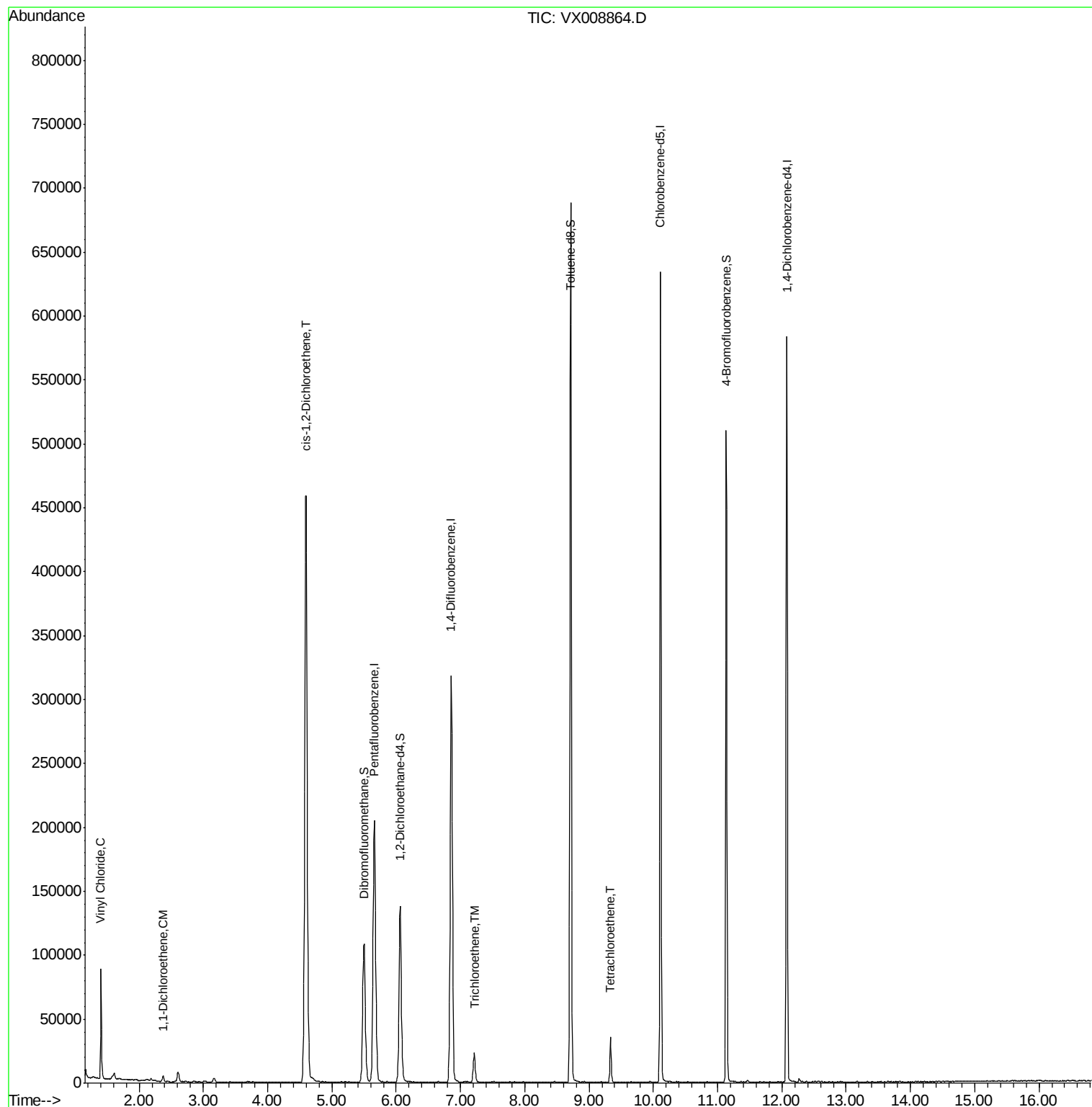
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128828	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
35) Dibromofluoromethane	5.50	113	94746	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	8.71	98	394712	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.13	95	132646	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
Target Compounds						
4) Vinyl Chloride	1.40	62	59994	19.613	ug/l	99
12) 1,1-Dichloroethene	2.37	96	1503	0.661	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	286309	101.302	ug/l	89
44) Trichloroethene	7.21	130	8431	3.529	ug/l	83
64) Tetrachloroethene	9.34	164	6651	3.277	ug/l	94

(#) = 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: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008864.D

Acq: 11 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

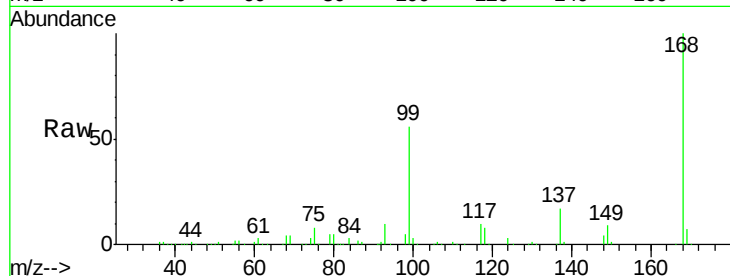
ST008MW151-190409

Tot Ion:168 Resp: 196581

Ion Ratio Lower Upper

168 100

99 55.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

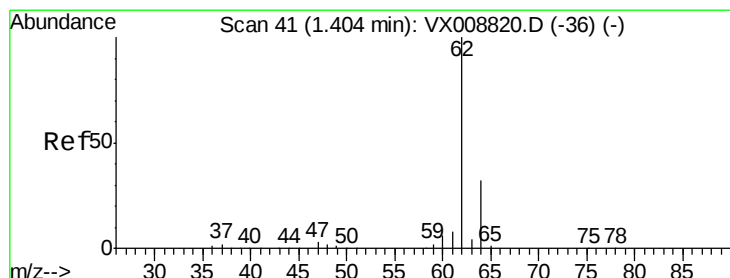
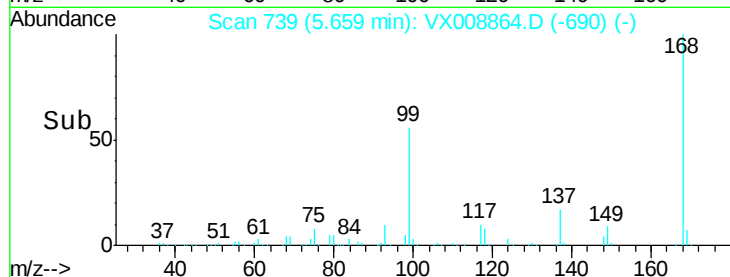
40000

20000

0

Time-->

5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 19.613 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008864.D

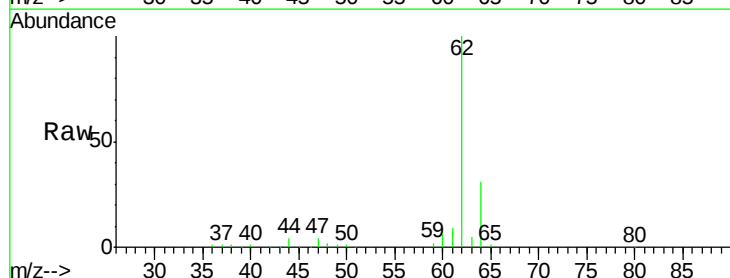
Acq: 11 Apr 2019 20:00

Tgt Ion: 62 Resp: 59994

Ion Ratio Lower Upper

62 100

64 30.6 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

60000

50000

40000

30000

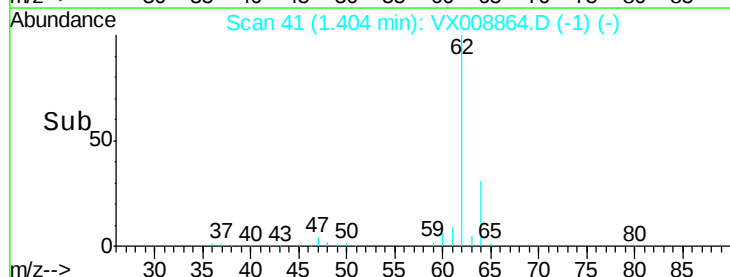
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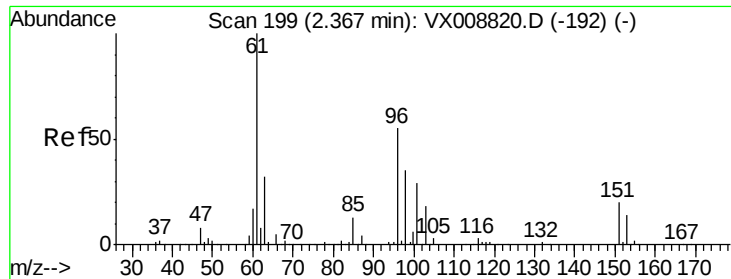
10000

0

Time-->

1.35 1.40 1.45 1.50





#12

1,1-Dichloroethene

Concen: 0.661 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008864.D

Acq: 11 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

ST008MW151-190409

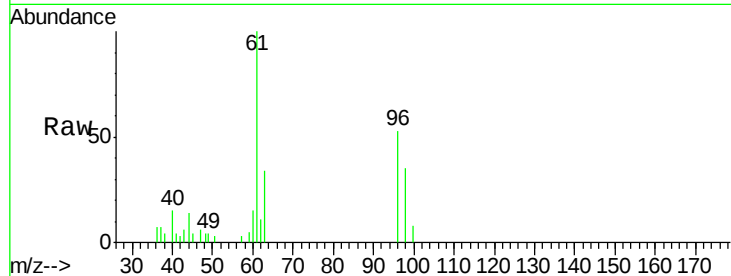
Tot Ion: 96 Resp: 1503

Ion Ratio Lower Upper

96 100

61 188.1 140.9 211.3

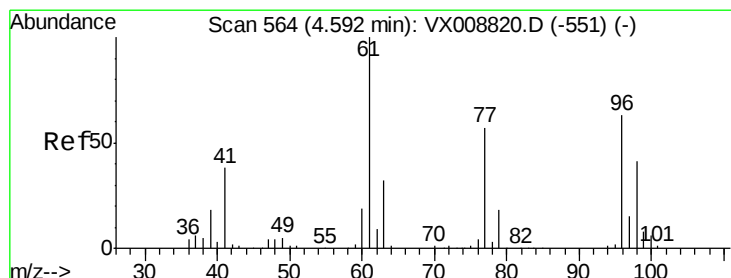
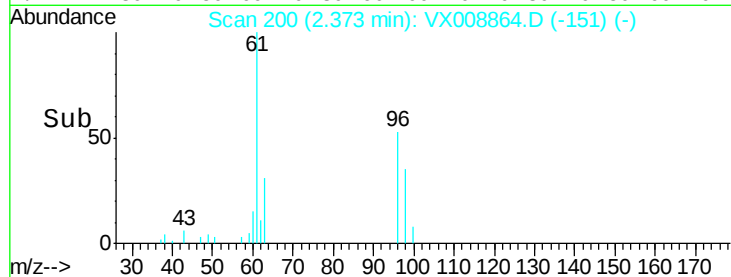
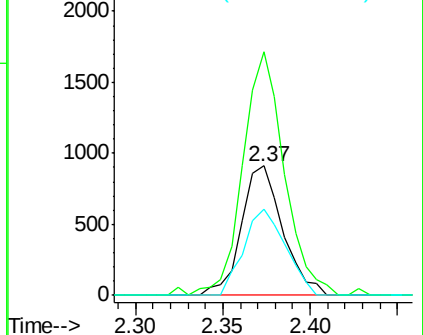
98 66.4 52.1 78.1



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



#27

cis-1,2-Dichloroethene

Concen: 101.302 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008864.D

Acq: 11 Apr 2019 20:00

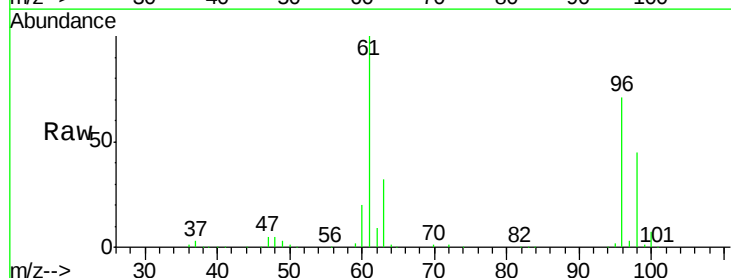
Tgt Ion: 96 Resp: 286309

Ion Ratio Lower Upper

96 100

61 144.3 0.0 327.6

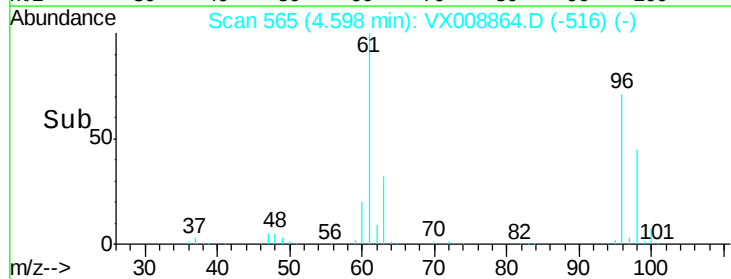
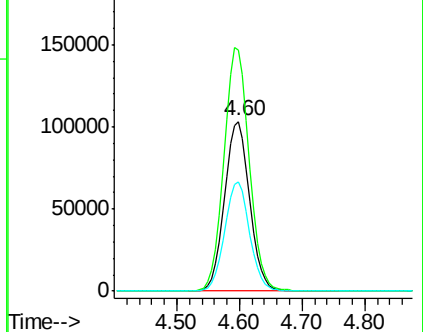
98 63.9 0.0 128.6

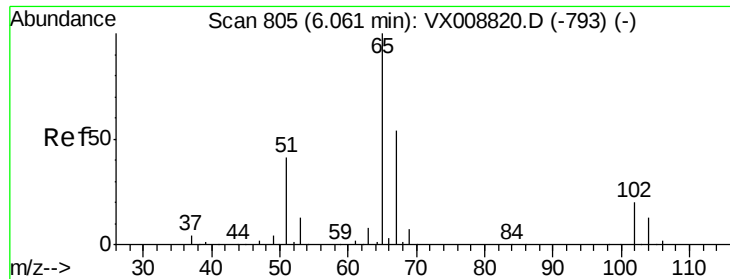


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

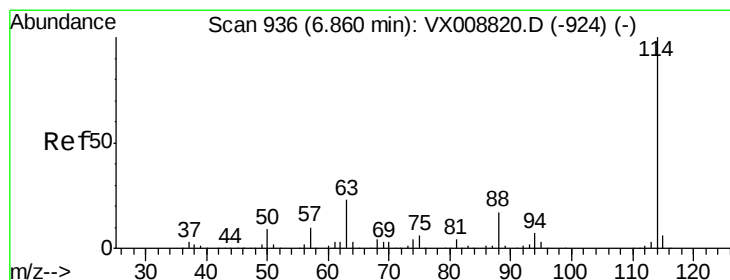
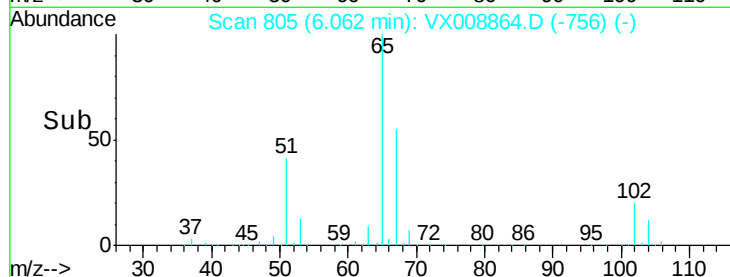
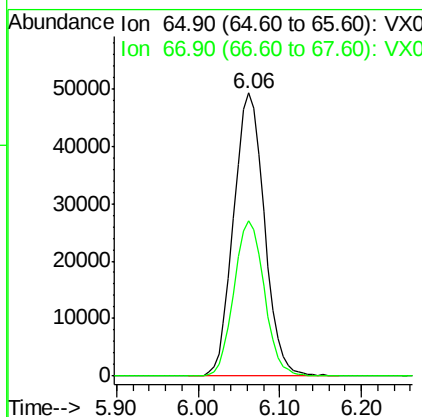
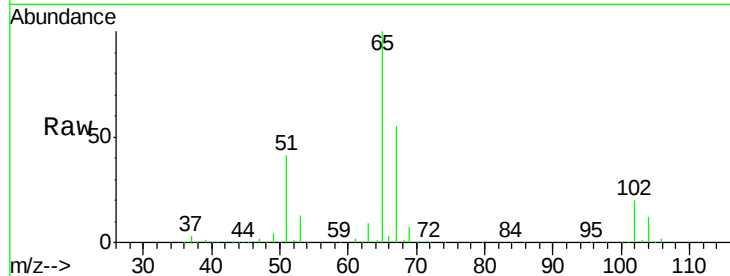




#33
 1,2-Dichloroethane-d4
 Concen: 44.931 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008864.D
 Acq: 11 Apr 2019 20:00

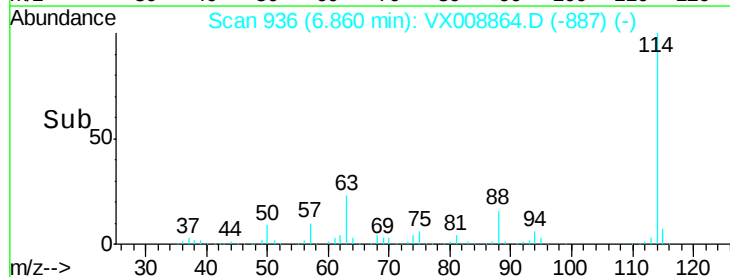
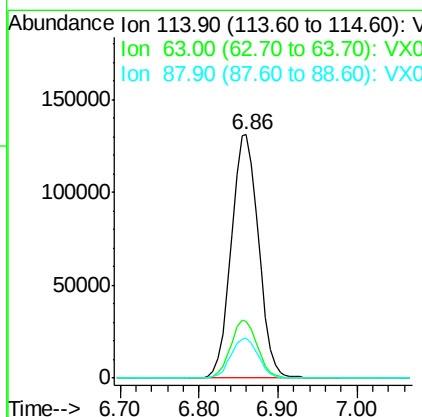
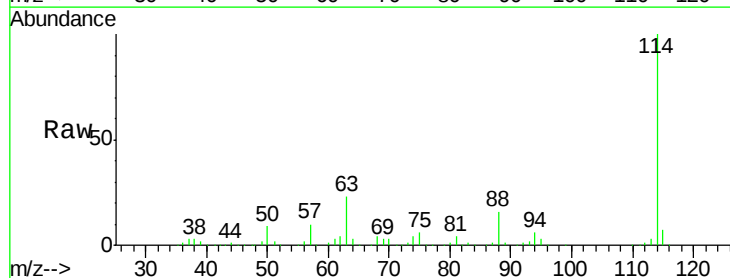
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW151-190409

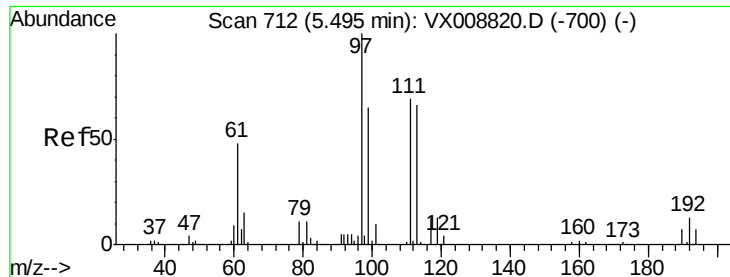
Tot Ion: 65 Resp: 128828
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008864.D
 Acq: 11 Apr 2019 20:00

Tgt Ion: 114 Resp: 314952
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 16.4 0.0 34.0

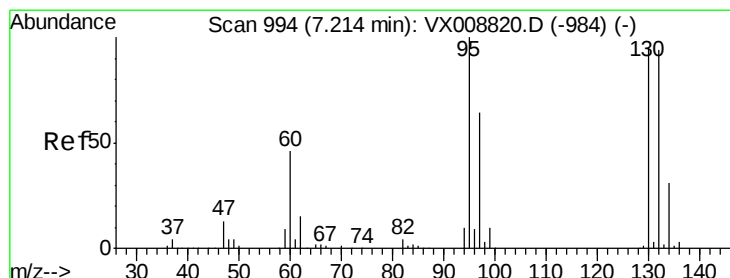
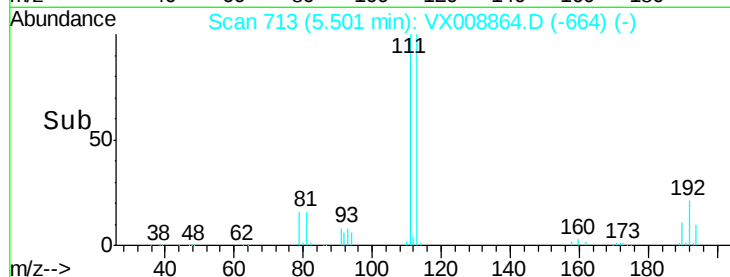
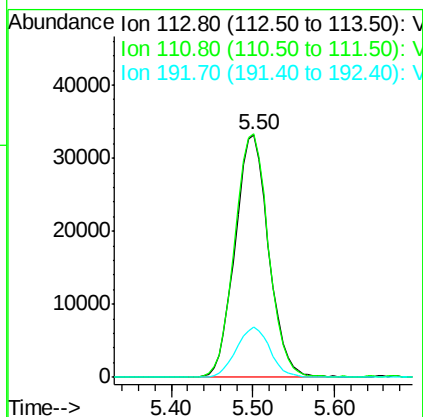
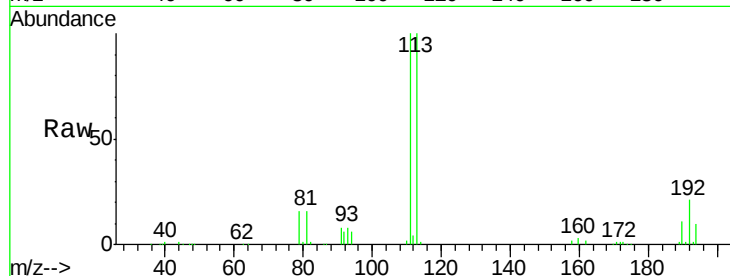




#35
 Dibromofluoromethane
 Concen: 47.051 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008864.D
 Acq: 11 Apr 2019 20:00

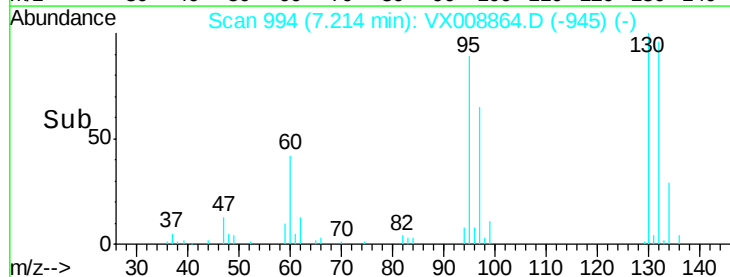
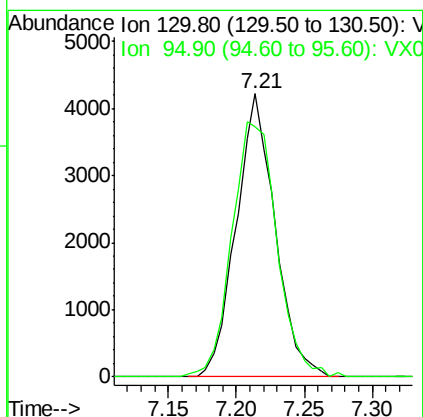
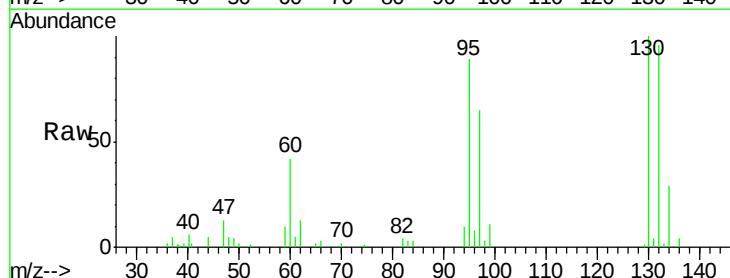
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW151-190409

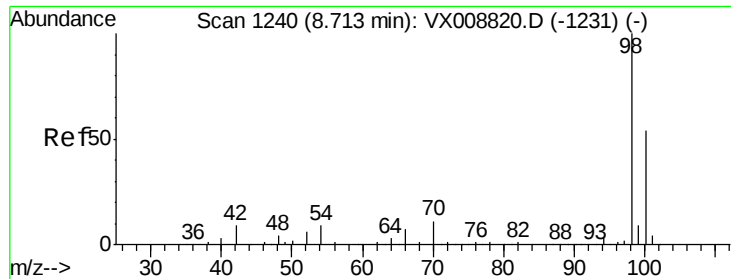
Tot Ion:113 Resp: 94746
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.4 125.2
 192 20.9 16.1 24.1



#44
 Trichloroethene
 Concen: 3.529 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008864.D
 Acq: 11 Apr 2019 20:00

Tgt Ion:130 Resp: 8431
 Ion Ratio Lower Upper
 130 100
 95 87.3 0.0 209.8





#50

Toluene-d8

Concen: 49.229 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008864.D

Acq: 11 Apr 2019 20:00

Instrument :

MSVOA_X

ClientSampleId :

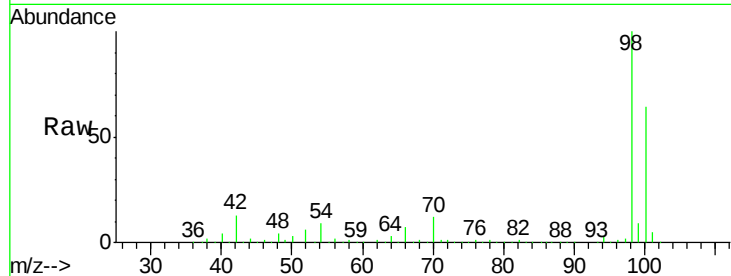
ST008MW151-190409

Tot Ion: 98 Resp: 394712

Ion Ratio Lower Upper

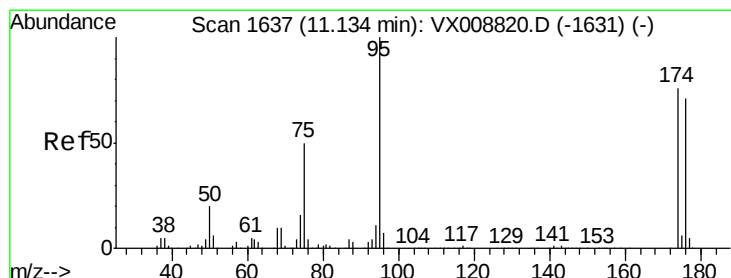
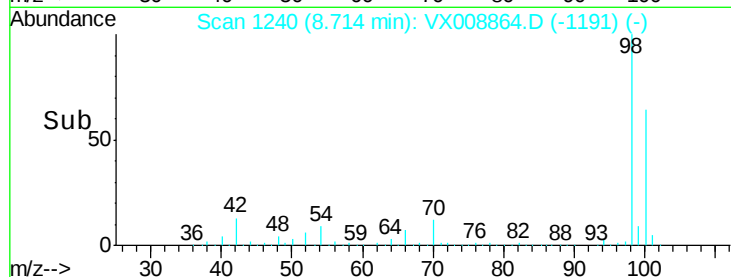
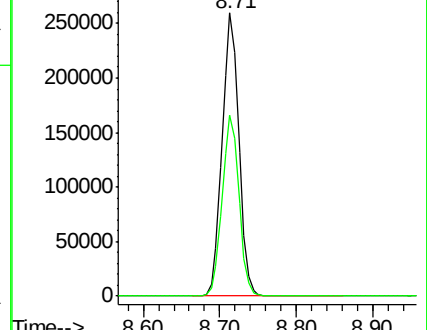
98 100

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: 46.652 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008864.D

Acq: 11 Apr 2019 20:00

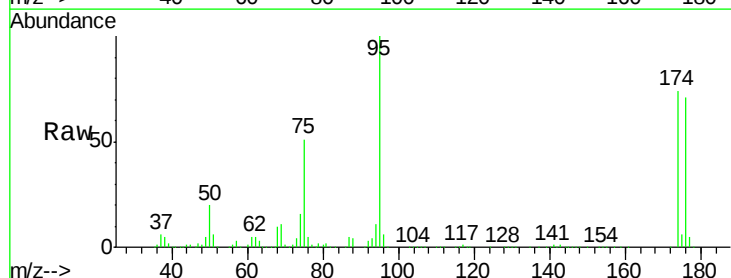
Tgt Ion: 95 Resp: 132646

Ion Ratio Lower Upper

95 100

174 78.5 0.0 151.8

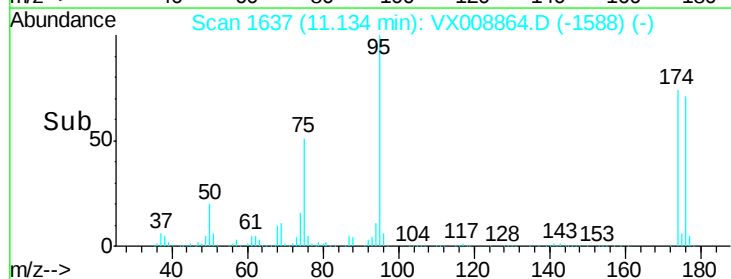
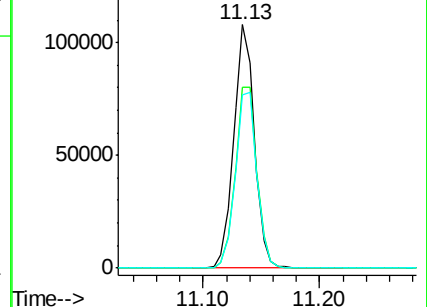
176 76.1 0.0 145.8

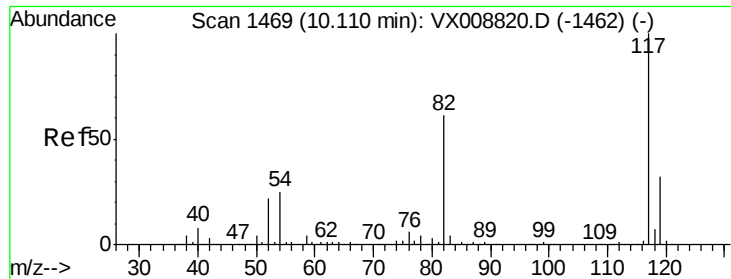


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

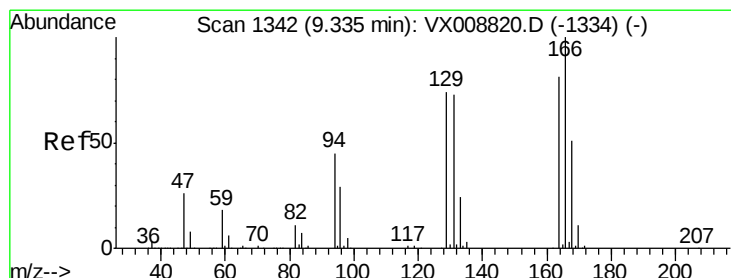
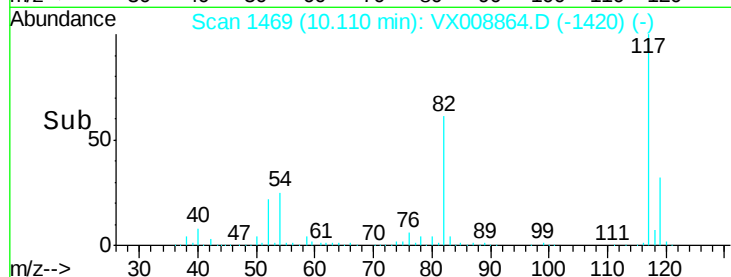
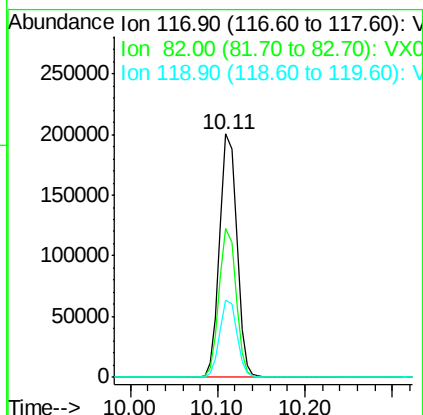
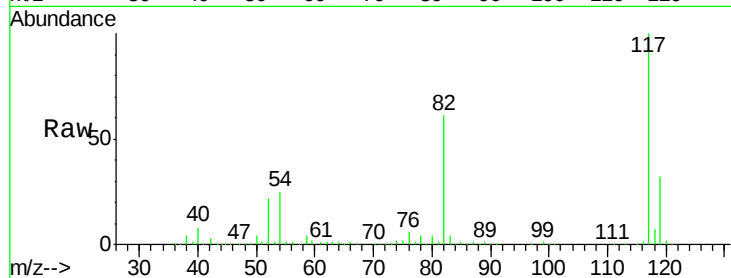




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008864.D
Acq: 11 Apr 2019 20:00

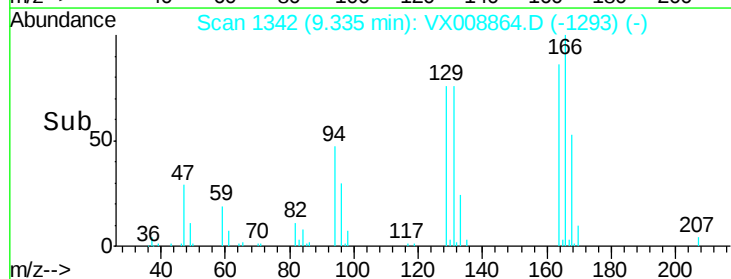
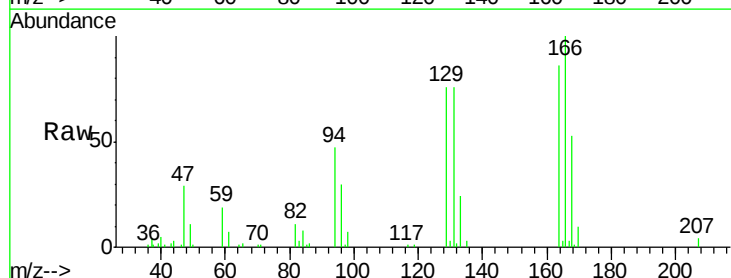
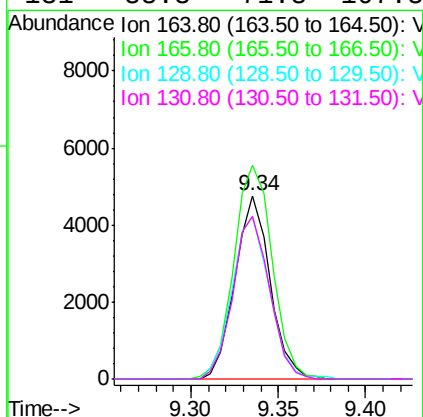
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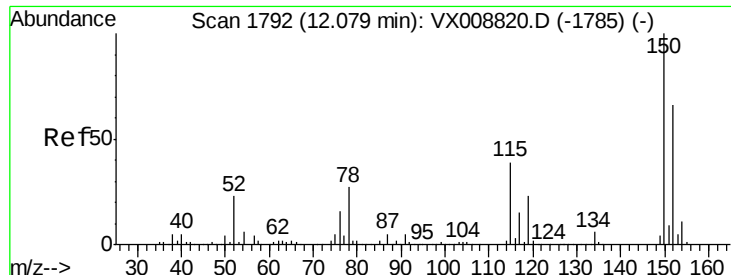
Tot Ion:117 Resp: 273901
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 3.277 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008864.D
Acq: 11 Apr 2019 20:00

Tgt Ion:164 Resp: 6651
Ion Ratio Lower Upper
164 100
166 116.5 101.0 151.6
129 88.9 75.8 113.8
131 88.3 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: VX008864.D
 Acq: 11 Apr 2019 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW151-190409

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	43.5	130.5
150	157.9	0.0	348.8

