

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008861.D
 Acq On : 11 Apr 2019 18:50
 Operator : JC/SP
 Sample : K2349-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-190408DL

Quant Time: Apr 12 08:27:06 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

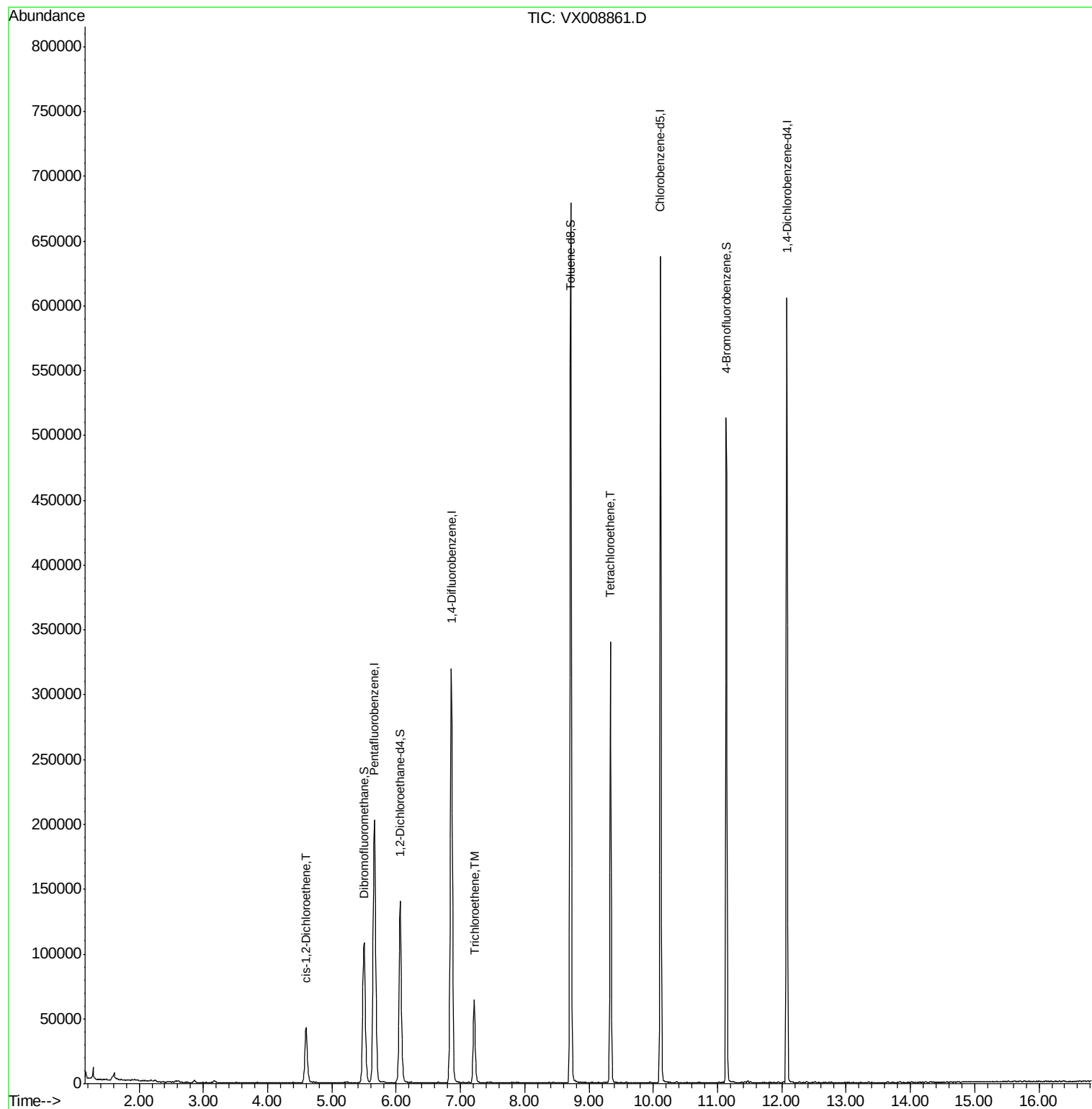
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	194823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128176	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
35) Dibromofluoromethane	5.50	113	93937	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
50) Toluene-d8	8.71	98	395686	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	135913	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	26121	9.326	ug/l	89
44) Trichloroethene	7.21	130	24488	10.279	ug/l	93
64) Tetrachloroethene	9.34	164	64505	31.473	ug/l	98

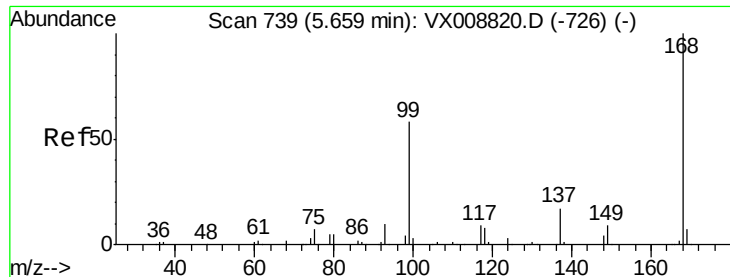
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
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: VX008861.D

Acq: 11 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

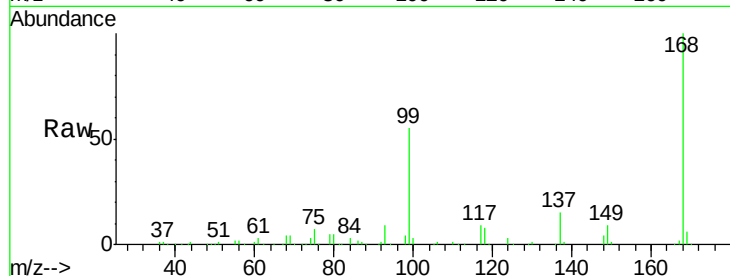
ST008MW158-190408DL

Tot Ion:168 Resp: 194823

Ion Ratio Lower Upper

168 100

99 55.4 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

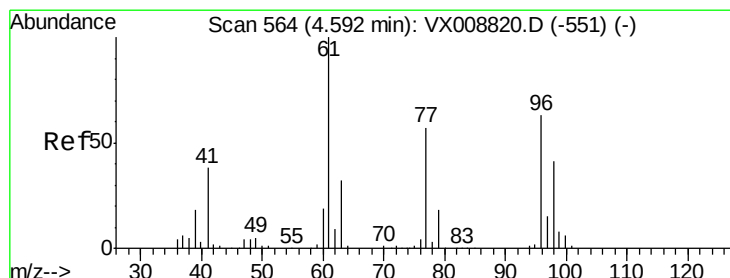
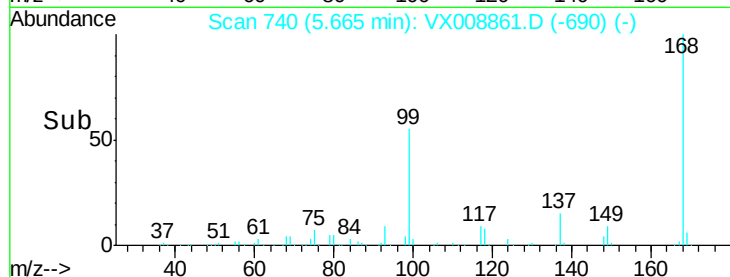
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 9.326 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008861.D

Acq: 11 Apr 2019 18:50

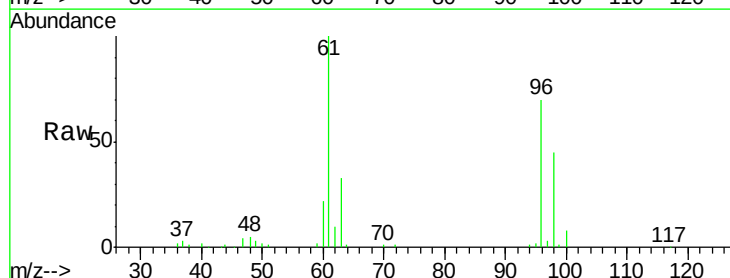
Tgt Ion: 96 Resp: 26121

Ion Ratio Lower Upper

96 100

61 143.3 0.0 327.6

98 64.1 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

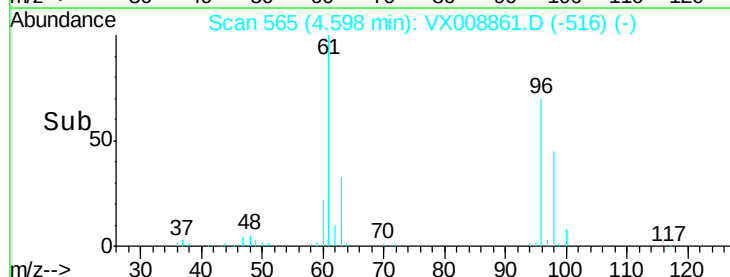
15000

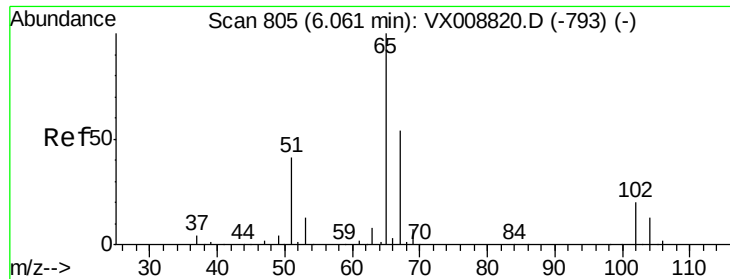
10000

5000

0

Time--> 4.50 4.60 4.70

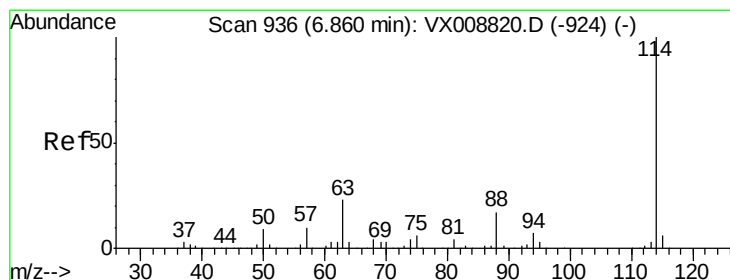
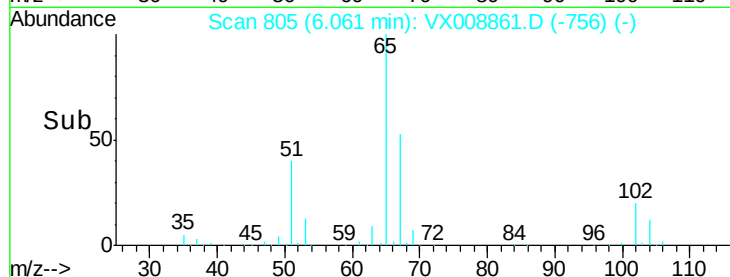
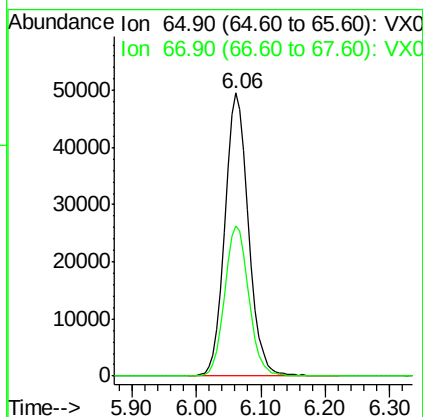
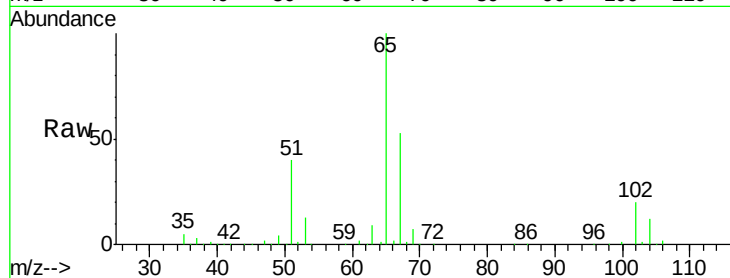




#33
 1,2-Dichloroethane-d4
 Concen: 45.107 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008861.D
 Acq: 11 Apr 2019 18:50

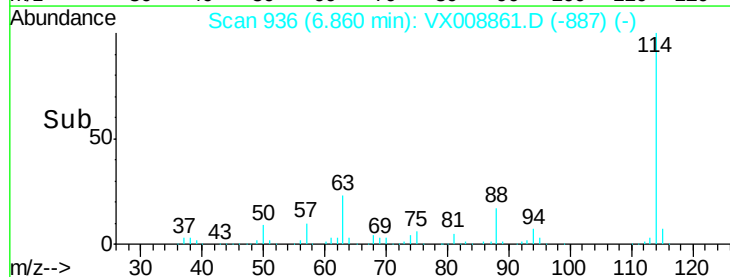
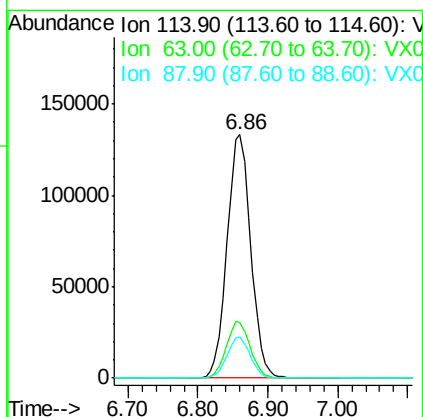
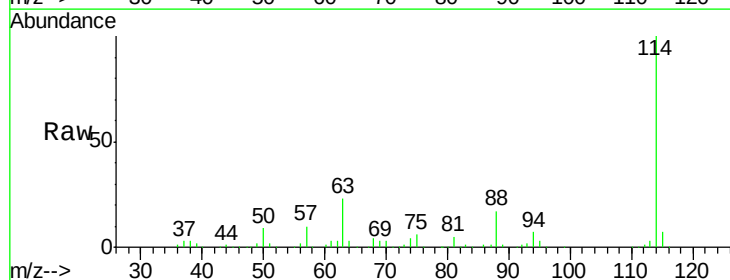
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-190408DL

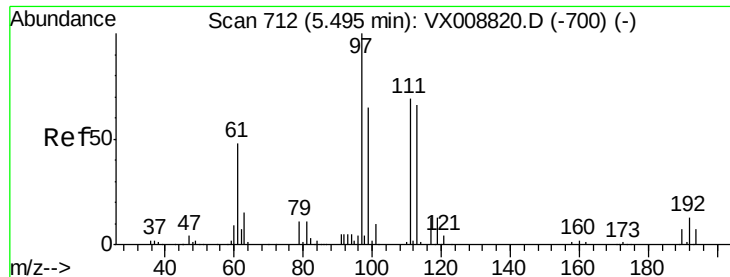
Tot Ion: 65 Resp: 128176
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008861.D
 Acq: 11 Apr 2019 18:50

Tgt Ion: 114 Resp: 314102
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.2
 88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.776 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008861.D

Acq: 11 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

ST008MW158-190408DL

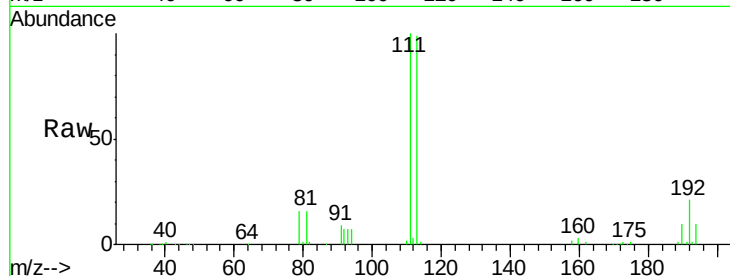
Tot Ion:113 Resp: 93937

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

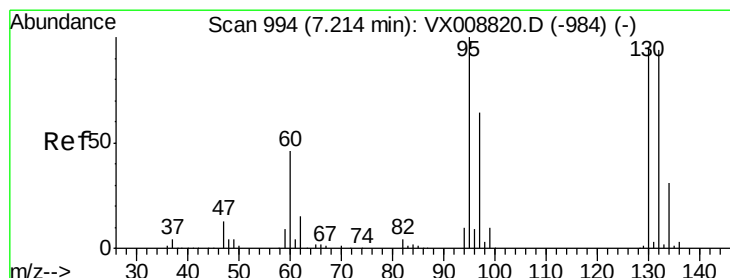
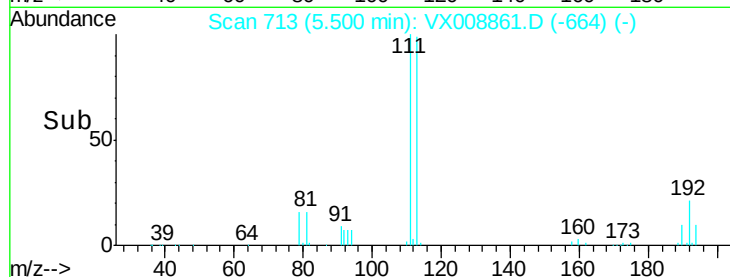
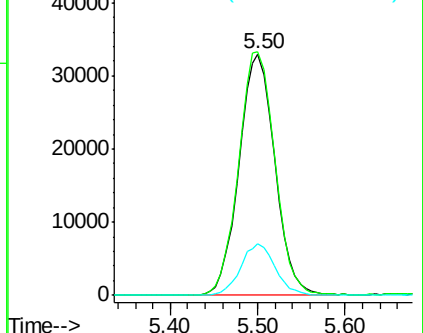
192 20.6 16.1 24.1



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: 10.279 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008861.D

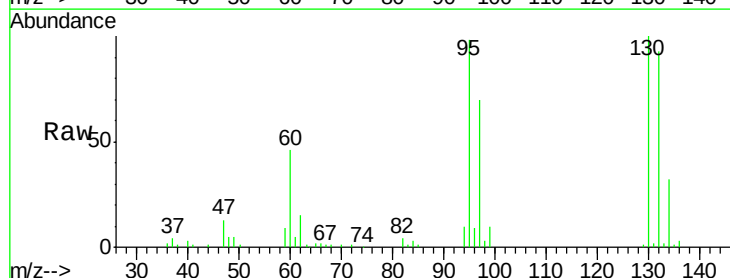
Acq: 11 Apr 2019 18:50

Tgt Ion:130 Resp: 24488

Ion Ratio Lower Upper

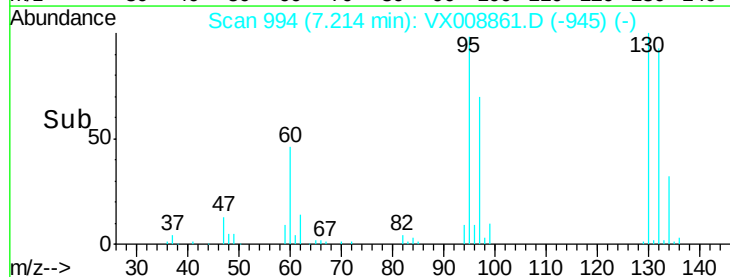
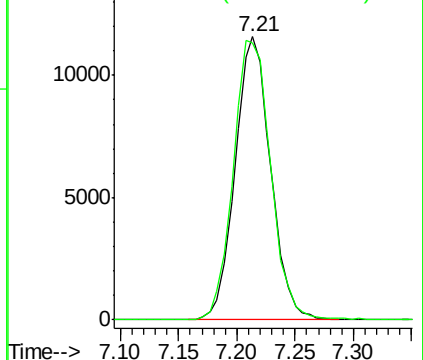
130 100

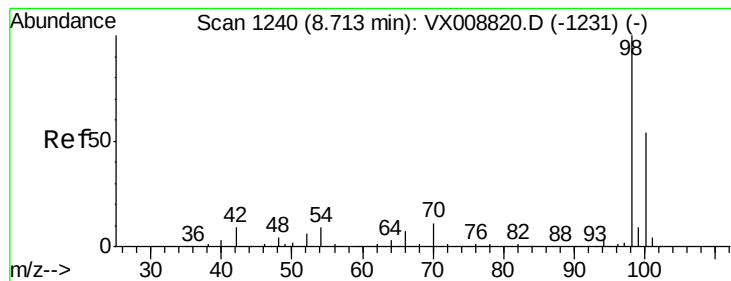
95 98.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.484 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008861.D

Acq: 11 Apr 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

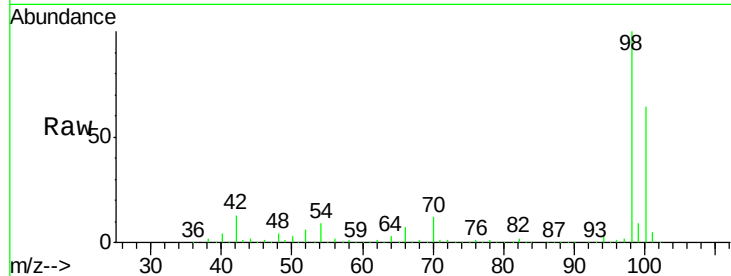
ST008MW158-190408DL

Tot Ion: 98 Resp: 395686

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

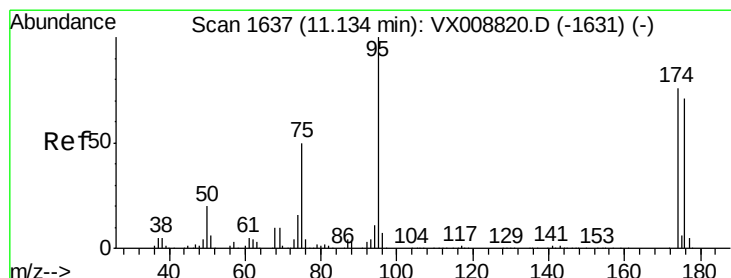
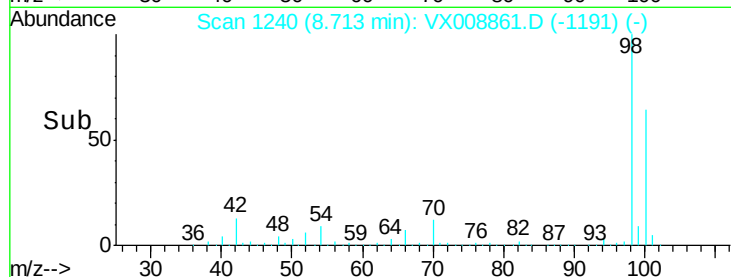
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.931 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008861.D

Acq: 11 Apr 2019 18:50

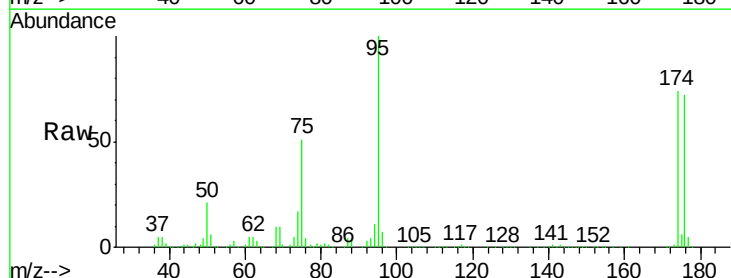
Tgt Ion: 95 Resp: 135913

Ion Ratio Lower Upper

95 100

174 78.4 0.0 151.8

176 75.9 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

11.13

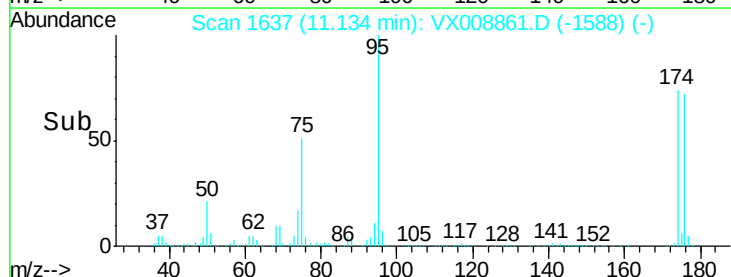
150000

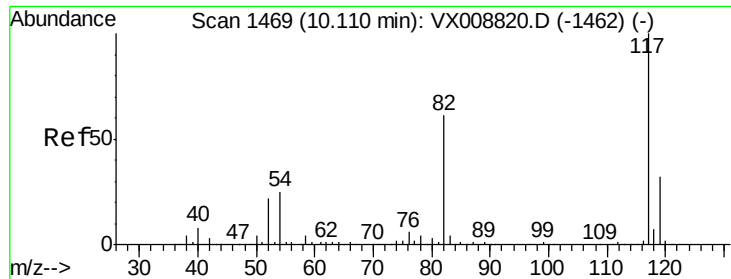
100000

50000

0

Time-->

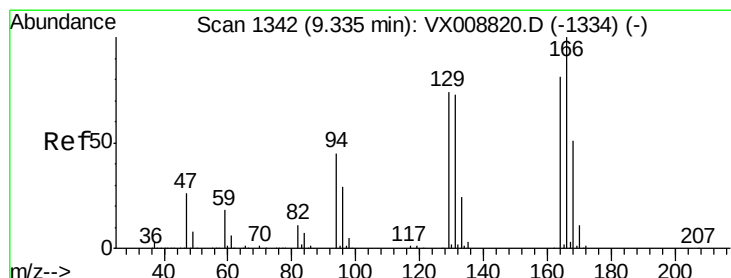
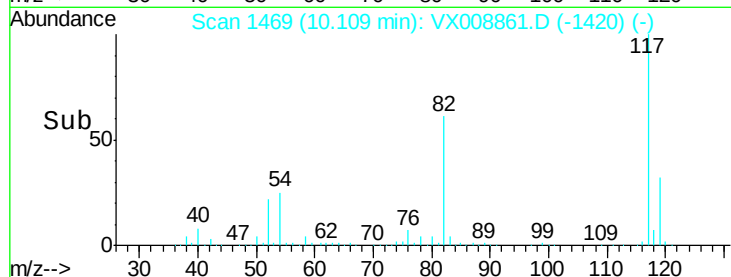
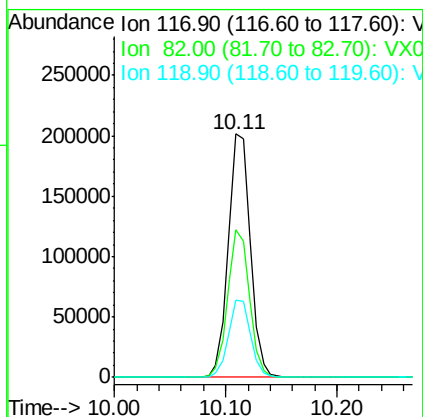
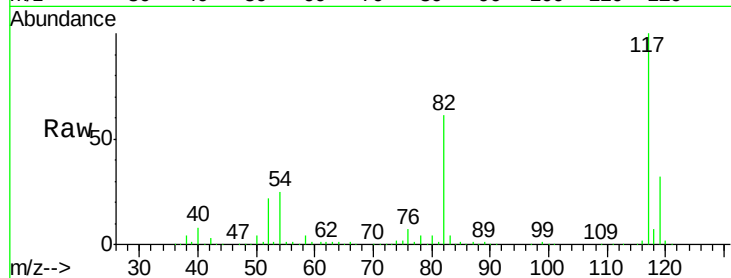




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008861.D
Acq: 11 Apr 2019 18:50

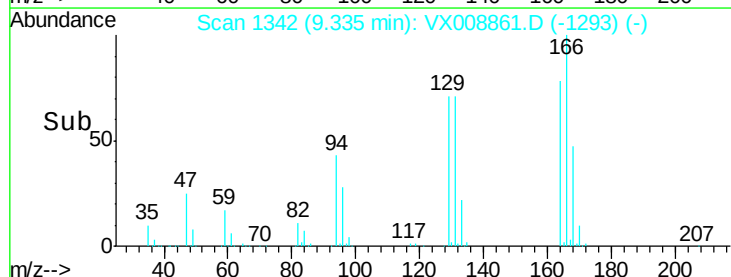
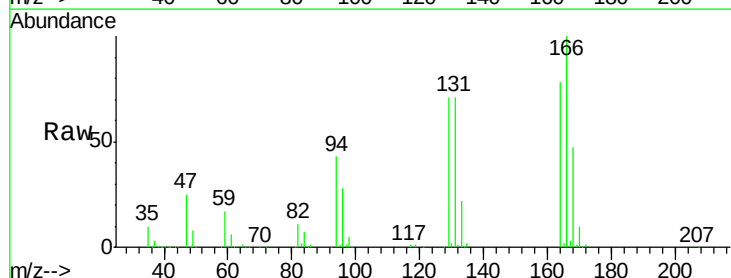
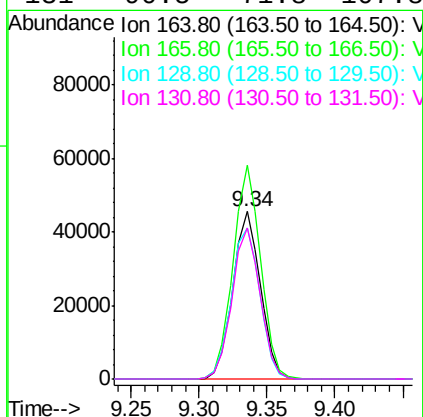
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MSVOA_X
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ST008MW158-190408DL

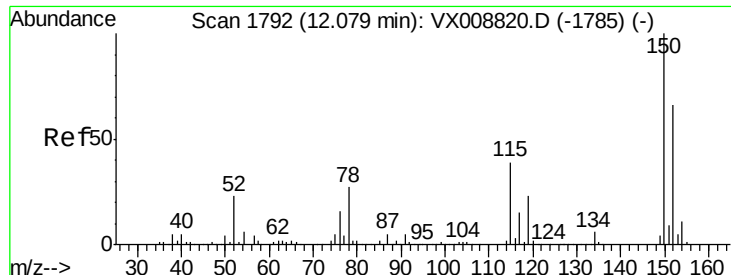
Tot Ion:117 Resp: 276627
Ion Ratio Lower Upper
117 100
82 60.7 49.6 74.4
119 31.5 25.0 37.4



#64
Tetrachloroethene
Concen: 31.473 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008861.D
Acq: 11 Apr 2019 18:50

Tgt Ion:164 Resp: 64505
Ion Ratio Lower Upper
164 100
166 127.6 101.0 151.6
129 90.6 75.8 113.8
131 90.5 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: VX008861.D
 Acq: 11 Apr 2019 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-190408DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	43.5	130.5
150	159.7	0.0	348.8

