

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008700.D
 Acq On : 05 Apr 2019 22:26
 Operator : JC/SP
 Sample : K2295-12DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-190404DL

Quant Time: Apr 06 03:31:39 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

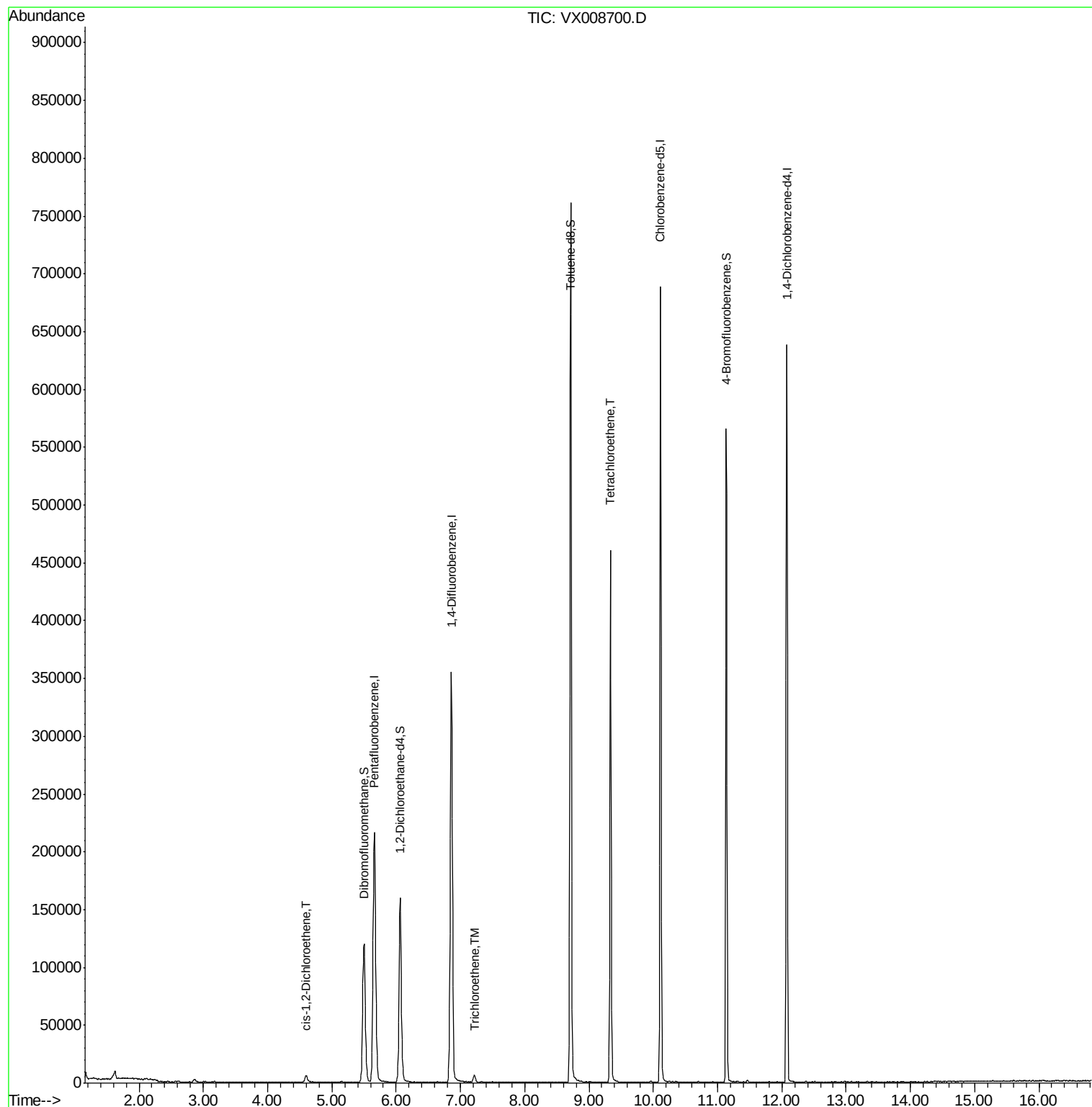
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	144679	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	5.50	113	105223	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	8.71	98	440158	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	148715	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	3455	1.151	ug/l	94
44) Trichloroethene	7.21	130	2316	0.873	ug/l	82
64) Tetrachloroethene	9.34	164	88353	39.204	ug/l	99

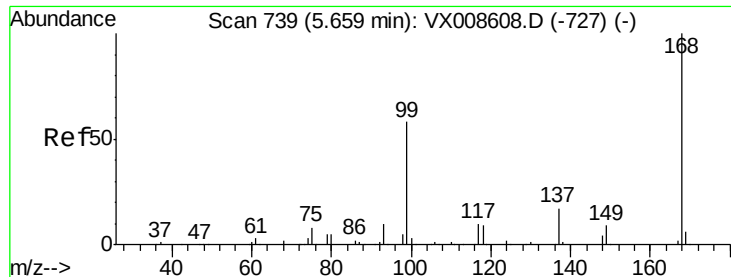
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 04:47:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008700.D

Acq: 05 Apr 2019 22:26

Instrument :

MSVOA_X

ClientSampleId :

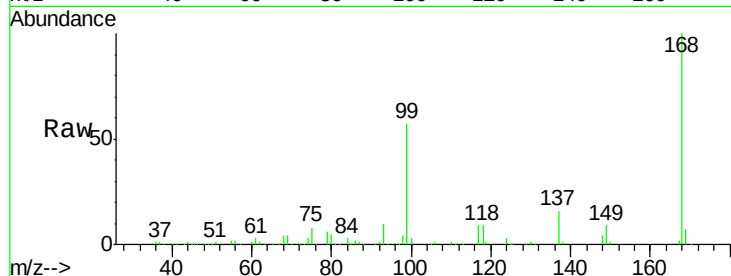
ST008MW336-190404DL

Tgt Ion: 168 Resp: 208756

Ion Ratio Lower Upper

168 100

99 57.0 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

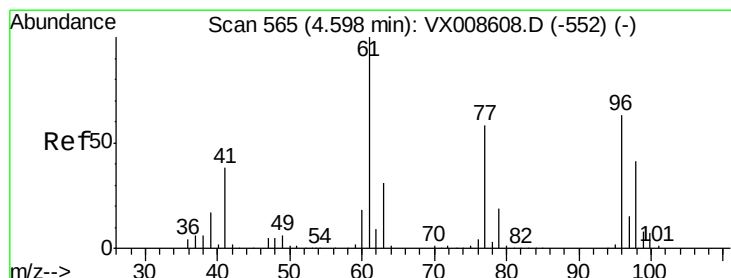
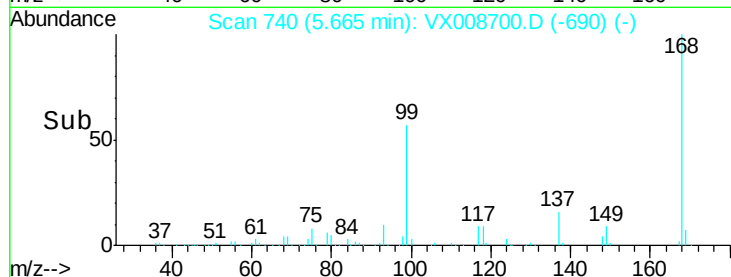
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.151 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008700.D

Acq: 05 Apr 2019 22:26

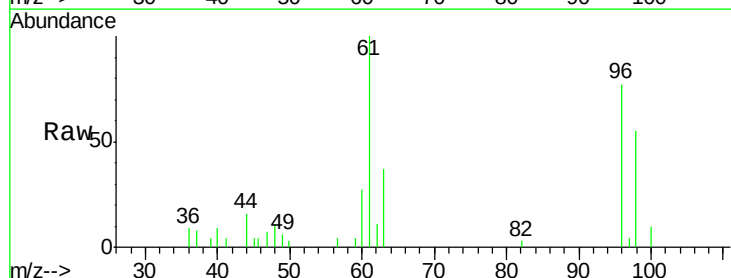
Tgt Ion: 96 Resp: 3455

Ion Ratio Lower Upper

96 100

61 154.9 0.0 327.6

98 66.7 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

2000

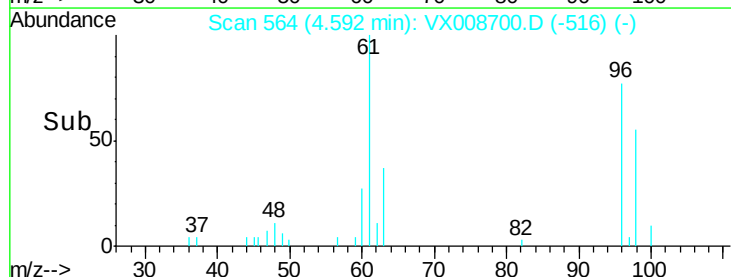
1500

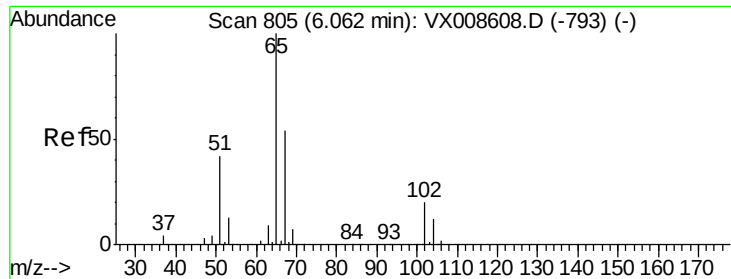
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70

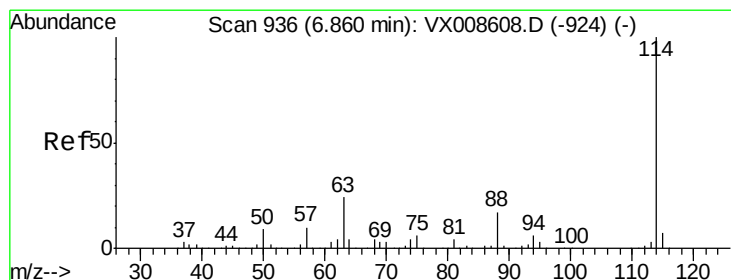
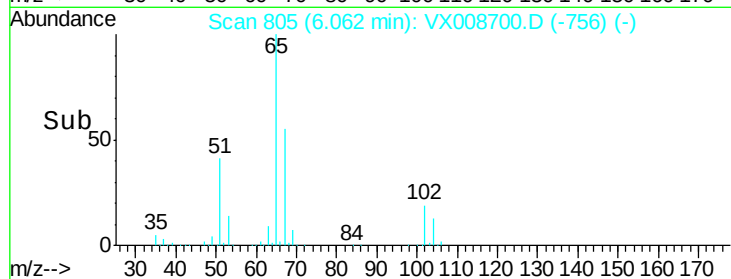
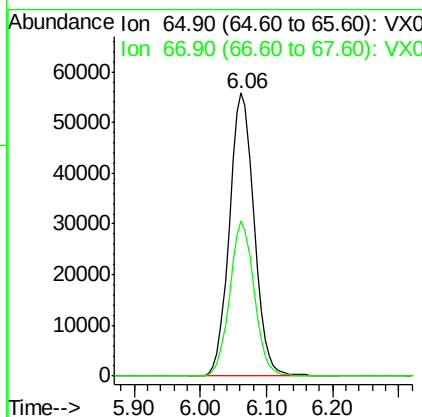
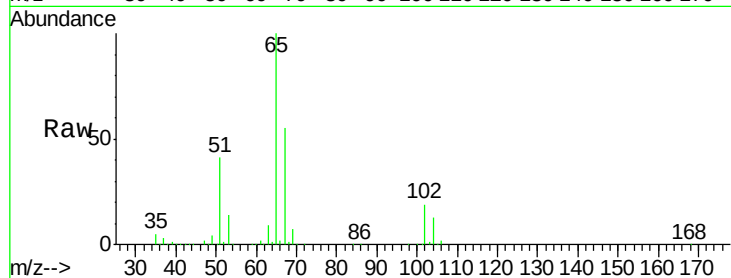




#33
 1,2-Dichloroethane-d4
 Concen: 47.516 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008700.D
 Acq: 05 Apr 2019 22:26

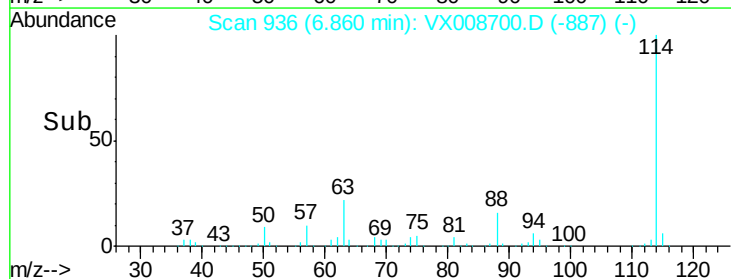
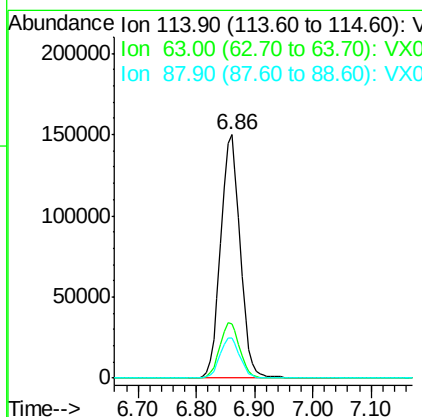
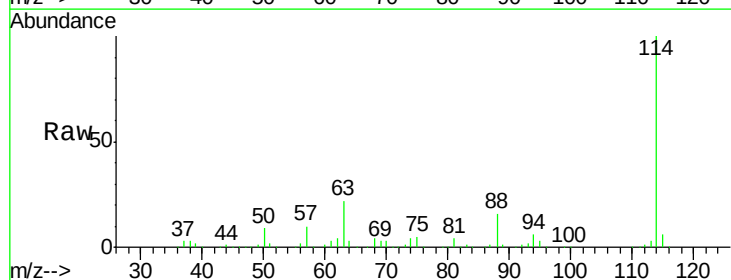
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-190404DL

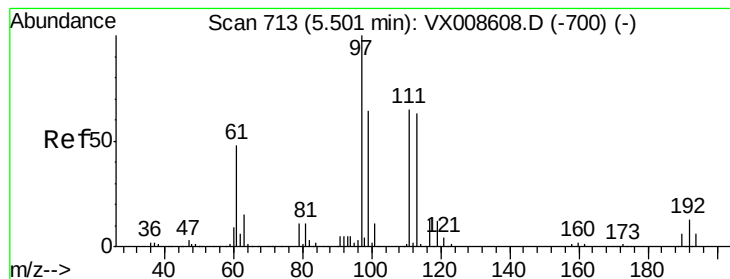
Tgt Ion: 65 Resp: 144679
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008700.D
 Acq: 05 Apr 2019 22:26

Tgt Ion: 114 Resp: 349758
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.2
 88 16.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.054 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008700.D

Acq: 05 Apr 2019 22:26

Instrument :

MSVOA_X

ClientSampleId :

ST008MW336-190404DL

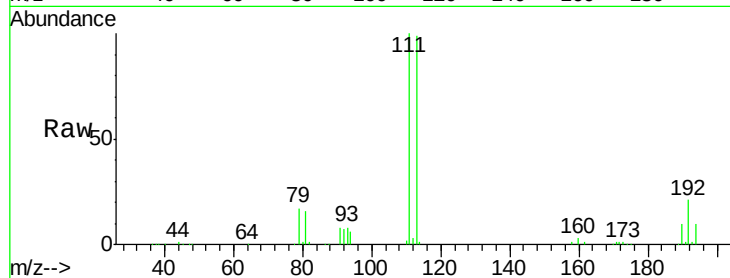
Tgt Ion:113 Resp: 105223

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

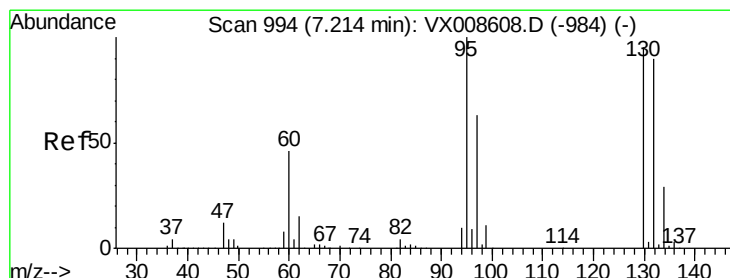
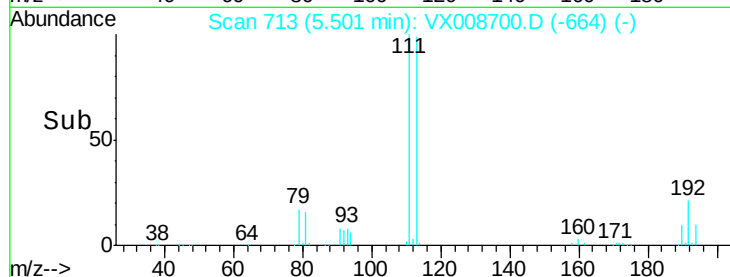
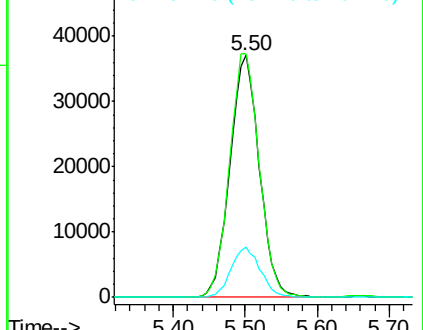
192 20.7 16.1 24.1



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: 0.873 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008700.D

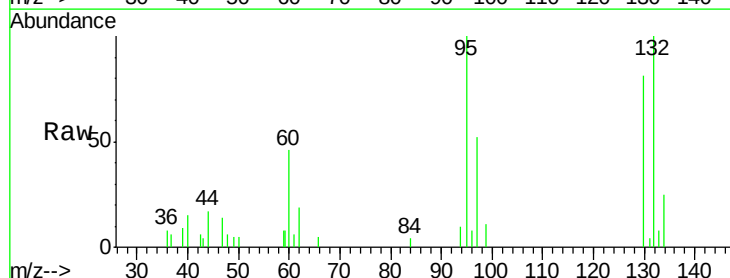
Acq: 05 Apr 2019 22:26

Tgt Ion:130 Resp: 2316

Ion Ratio Lower Upper

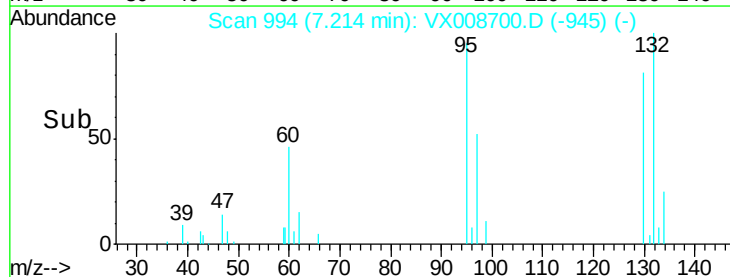
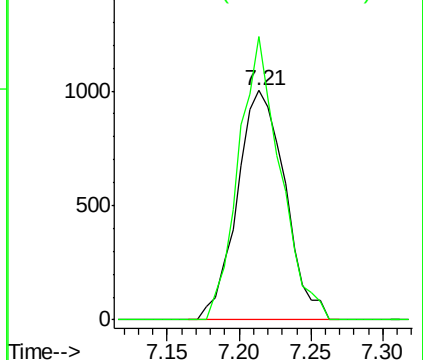
130 100

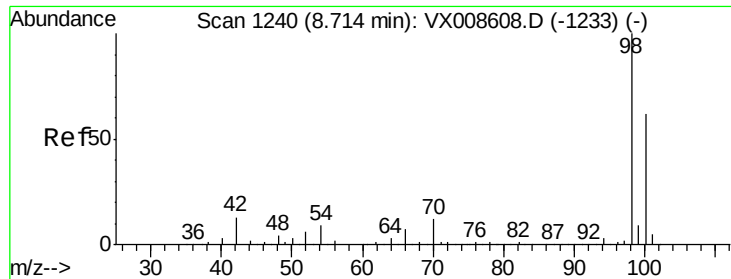
95 123.6 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

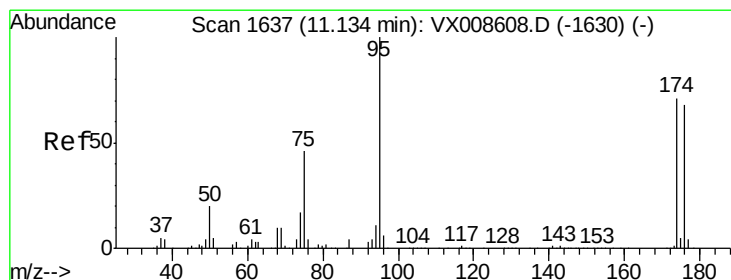
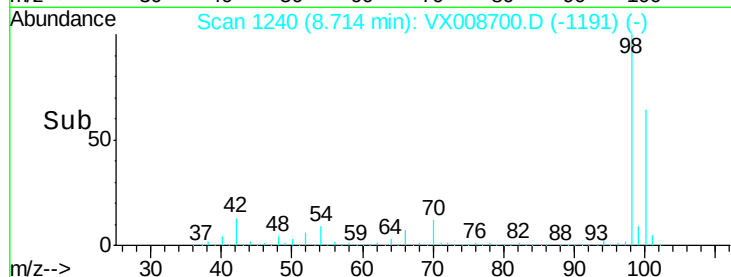
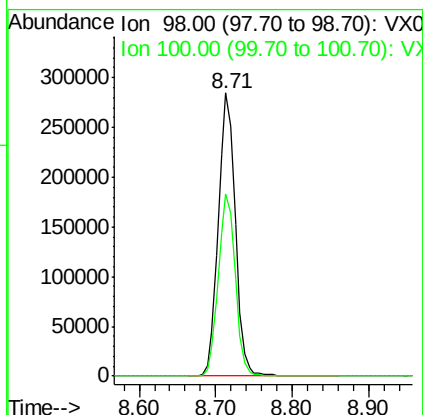
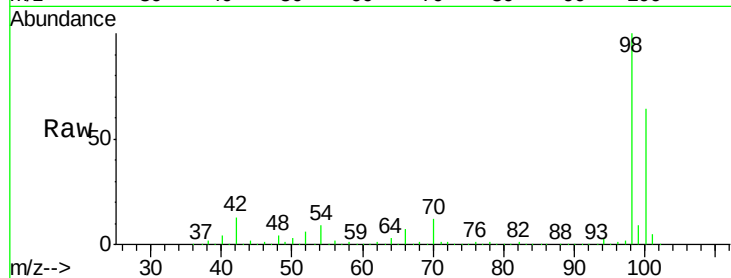




#50
Toluene-d8
Concen: 49.434 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008700.D
Acq: 05 Apr 2019 22:26

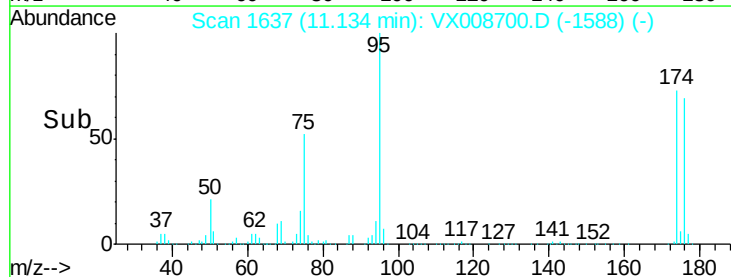
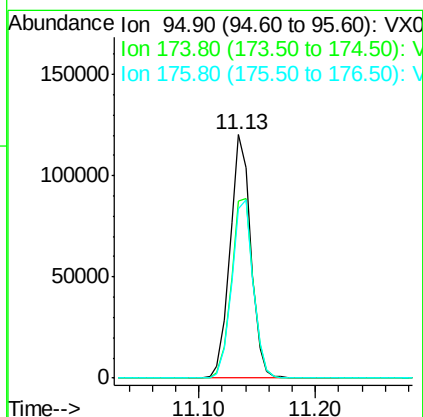
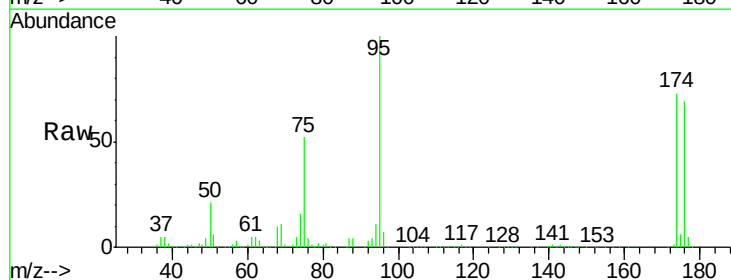
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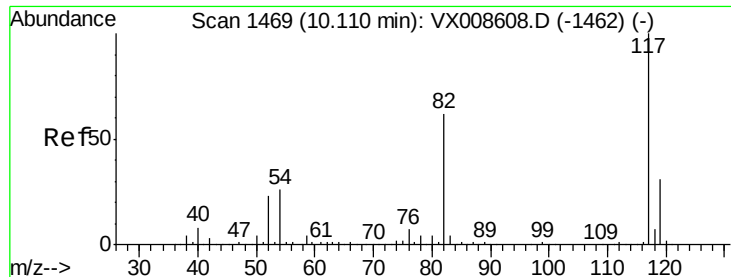
Tgt Ion: 98 Resp: 440158
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.099 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008700.D
Acq: 05 Apr 2019 22:26

Tgt Ion: 95 Resp: 148715
Ion Ratio Lower Upper
95 100
174 78.2 0.0 151.8
176 75.9 0.0 145.8

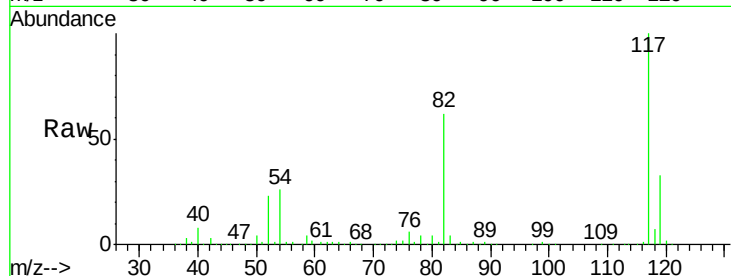




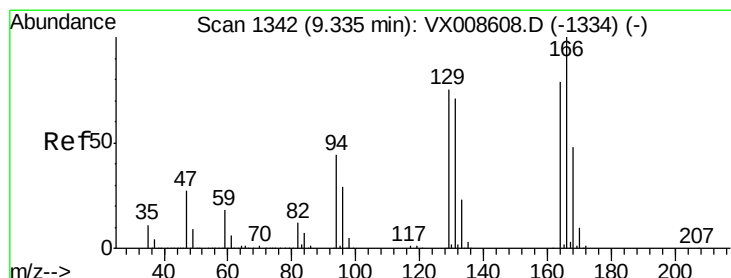
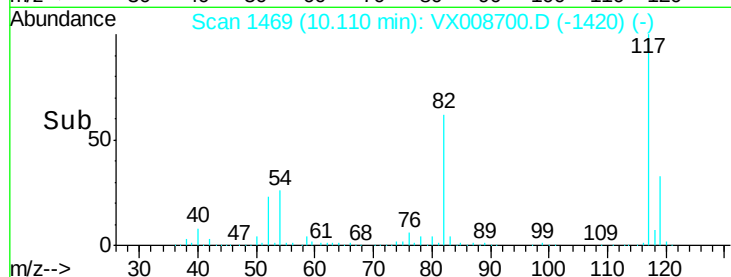
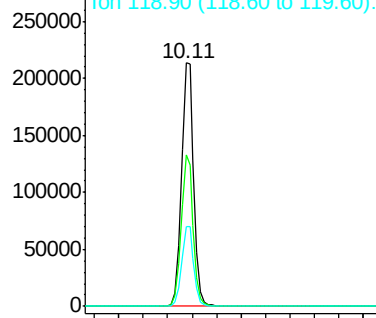
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008700.D
Acq: 05 Apr 2019 22:26

Instrument :
MSVOA_X
ClientSampleId :
ST008MW336-190404DL

Tgt Ion:117 Resp: 304184
Ion Ratio Lower Upper
117 100
82 62.5 49.6 74.4
119 32.6 25.0 37.4

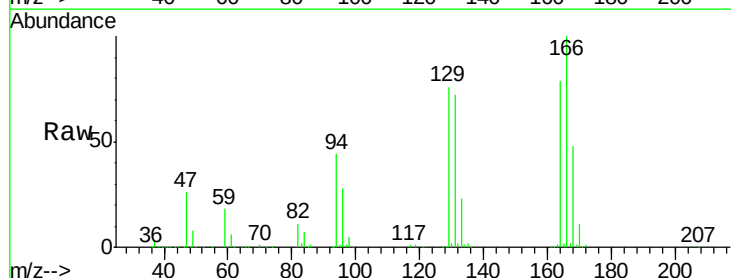


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

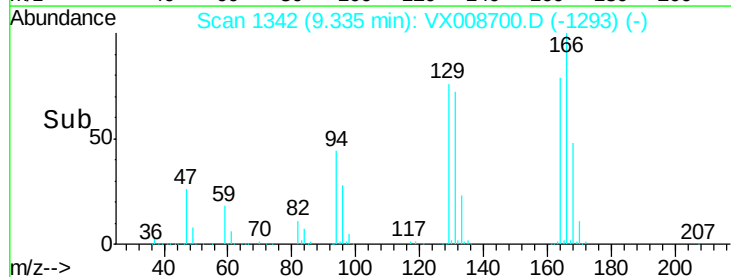
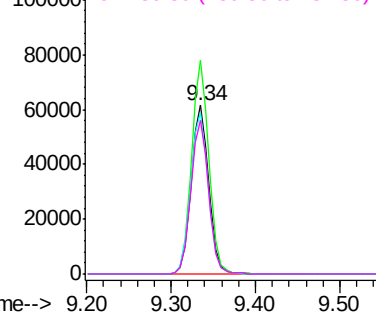


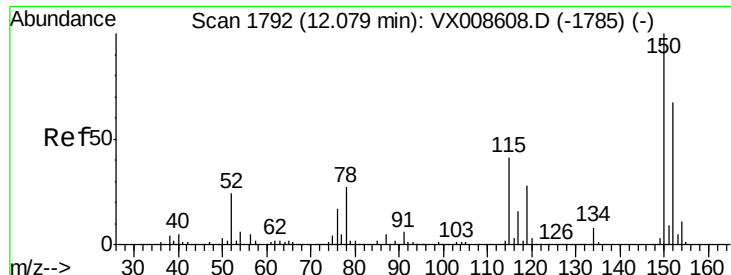
#64
Tetrachloroethene
Concen: 39.204 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008700.D
Acq: 05 Apr 2019 22:26

Tgt Ion:164 Resp: 88353
Ion Ratio Lower Upper
164 100
166 126.7 101.0 151.6
129 95.8 75.8 113.8
131 90.9 71.8 107.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

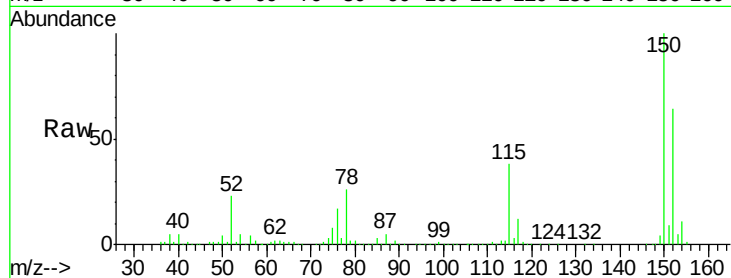




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008700.D
 Acq: 05 Apr 2019 22:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-190404DL

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	43.5	130.5
150	157.3	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

