

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008658.D
 Acq On : 05 Apr 2019 00:39
 Operator : JC/SP
 Sample : K2274-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW163-190402

Quant Time: Apr 05 09:10:02 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

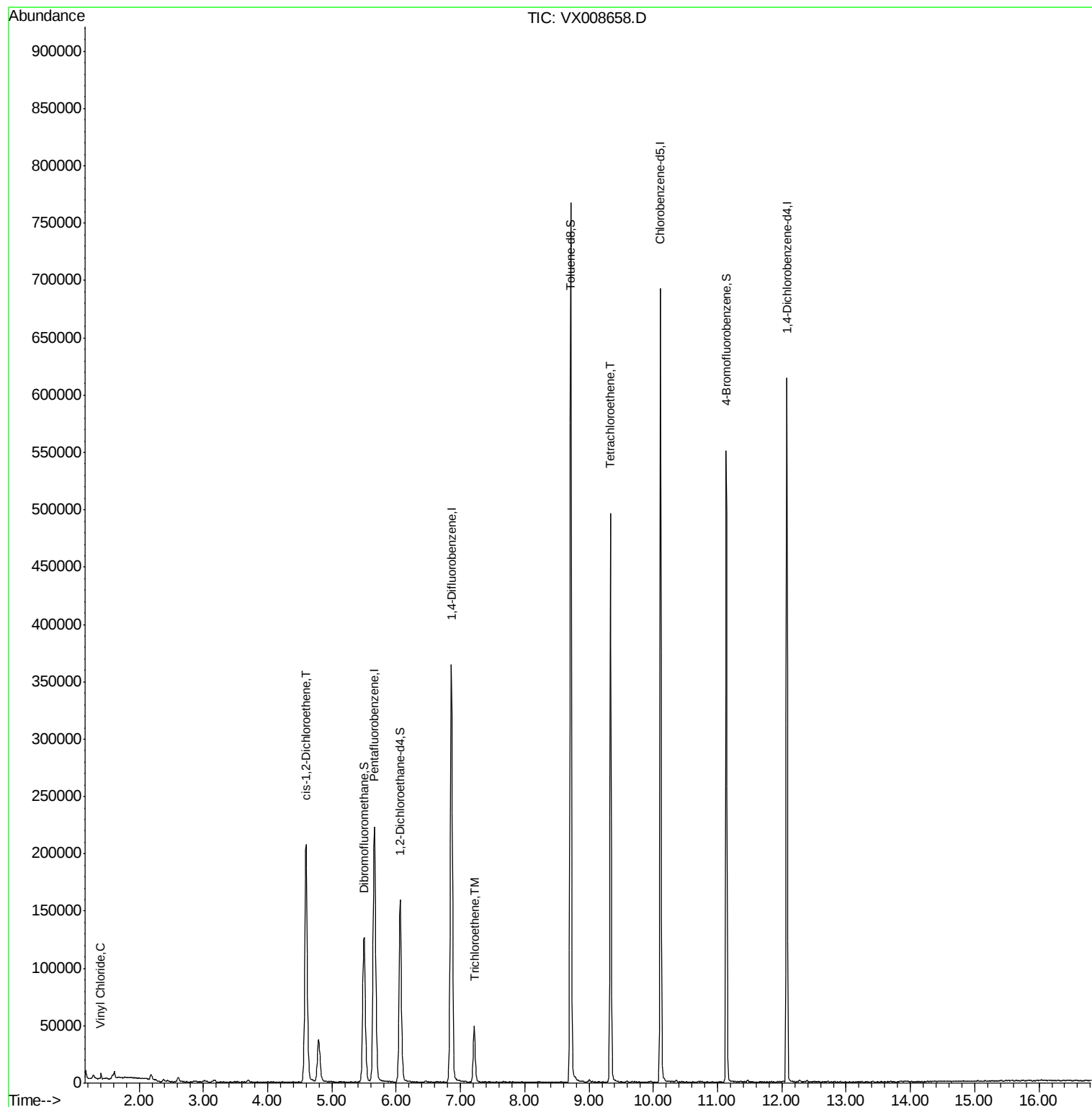
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	149224	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
35) Dibromofluoromethane	5.49	113	110341	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	445797	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.13	95	147722	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
4) Vinyl Chloride	1.41	62	2918	0.872	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	129170	41.783	ug/l	88
44) Trichloroethene	7.21	130	18380	6.779	ug/l	92
64) Tetrachloroethene	9.34	164	93623	41.349	ug/l	99

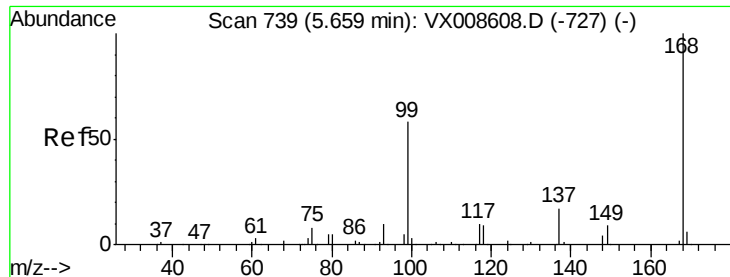
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008658.D

Acq: 05 Apr 2019 00:39

Instrument :

MSVOA_X

ClientSampleId :

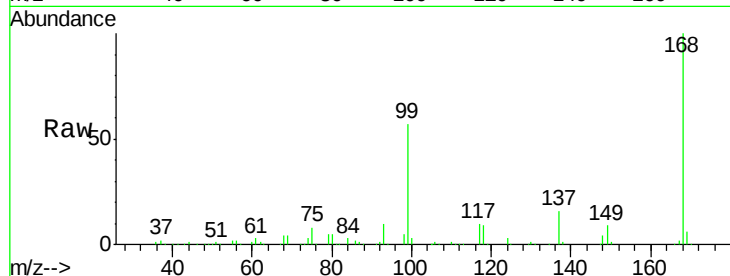
ST006RW163-190402

Tot Ion:168 Resp: 215025

Ion Ratio Lower Upper

168 100

99 56.6 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

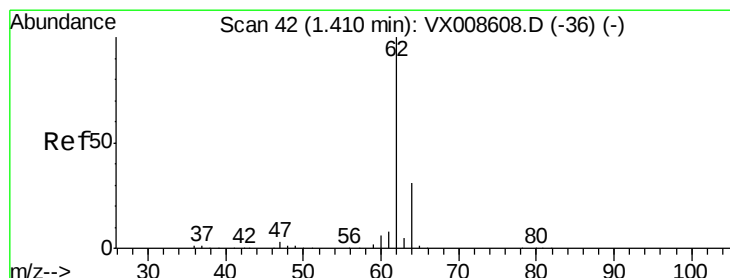
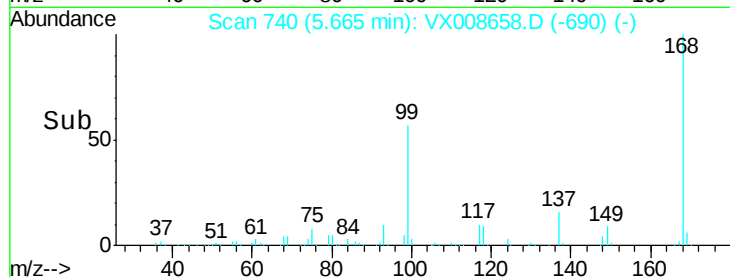
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.872 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008658.D

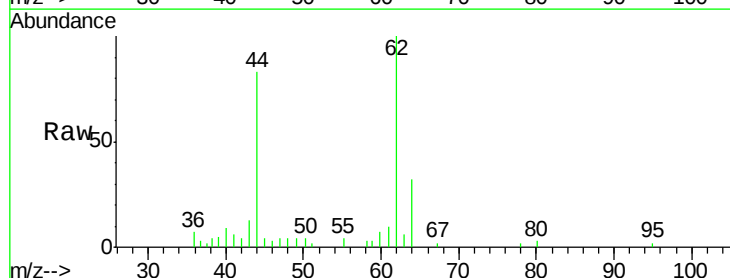
Acq: 05 Apr 2019 00:39

Tgt Ion: 62 Resp: 2918

Ion Ratio Lower Upper

62 100

64 28.4 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

2500

2000

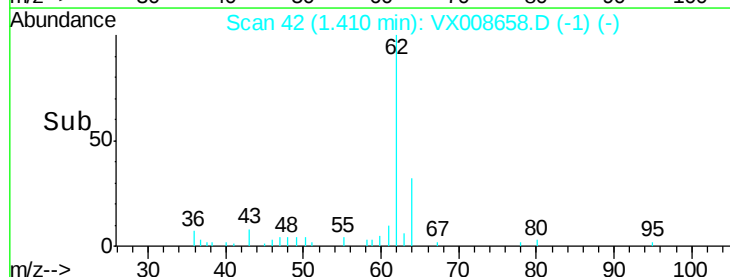
1500

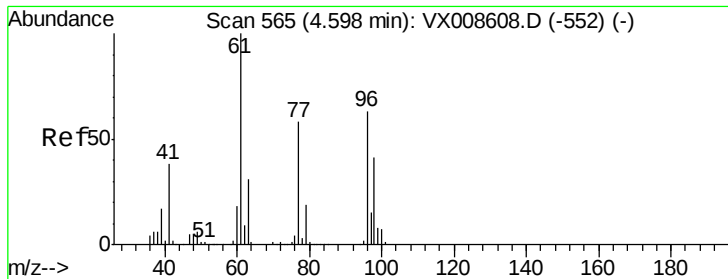
1000

500

0

Time--> 1.35 1.40 1.45



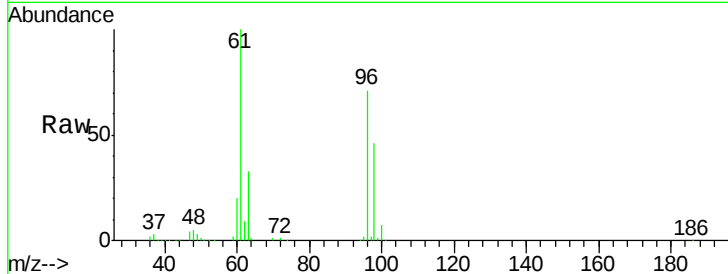


#27

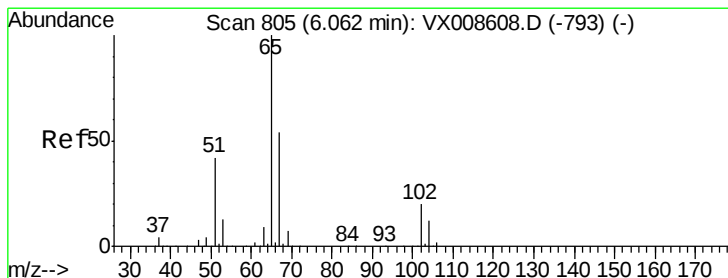
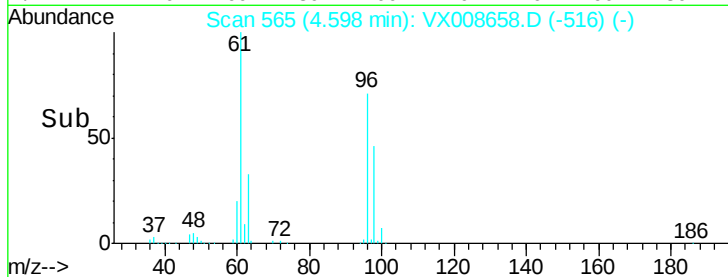
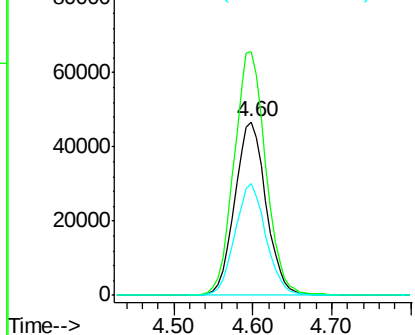
cis-1,2-Dichloroethene
Concen: 41.783 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008658.D
Acq: 05 Apr 2019 00:39

Instrument :
MSVOA_X
ClientSampleId :
ST006RW163-190402

Tot Ion: 96 Resp: 129170
Ion Ratio Lower Upper
96 100
61 142.2 0.0 327.6
98 63.7 0.0 128.6



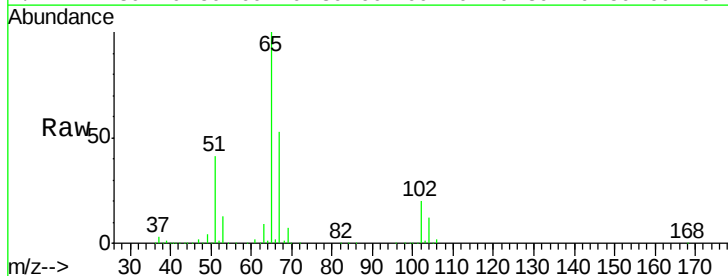
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



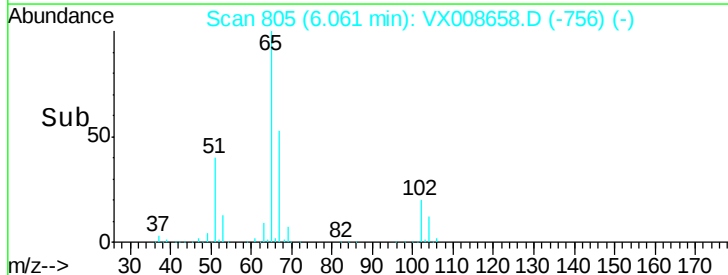
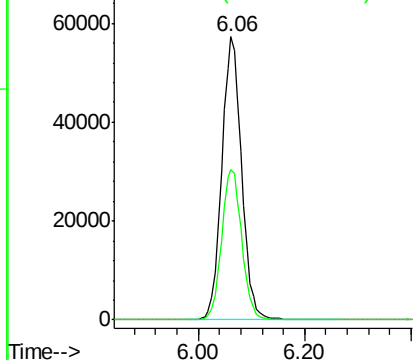
#33

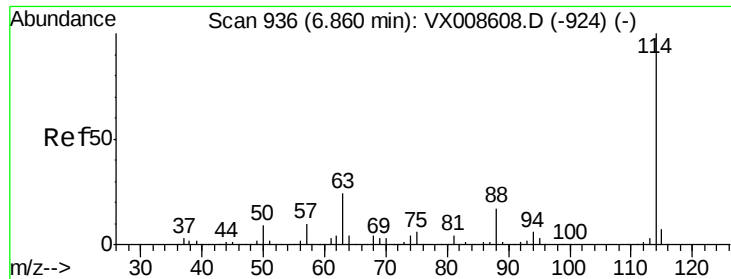
1,2-Dichloroethane-d4
Concen: 47.580 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008658.D
Acq: 05 Apr 2019 00:39

Tgt Ion: 65 Resp: 149224
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

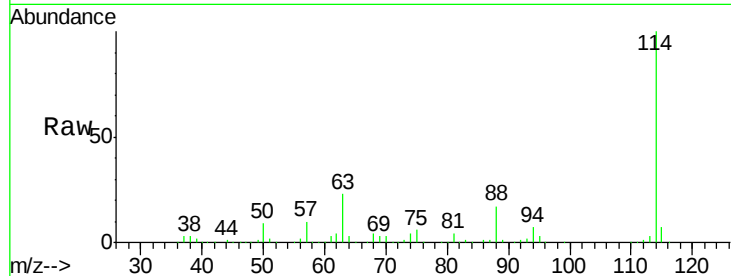




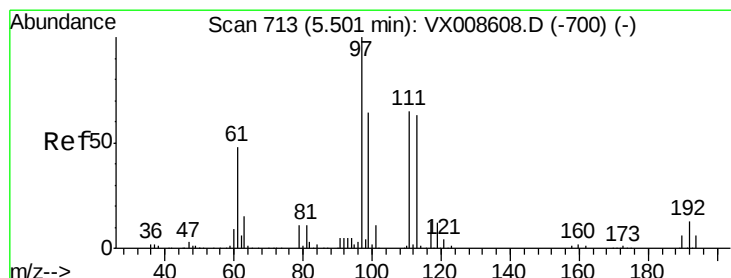
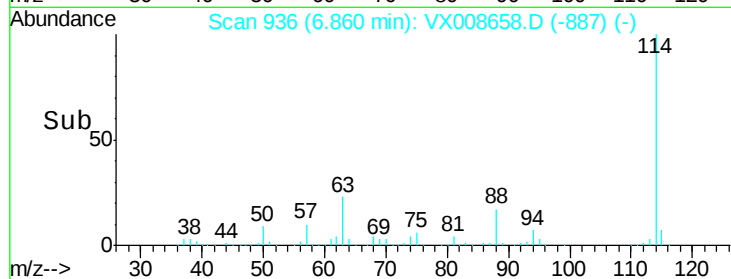
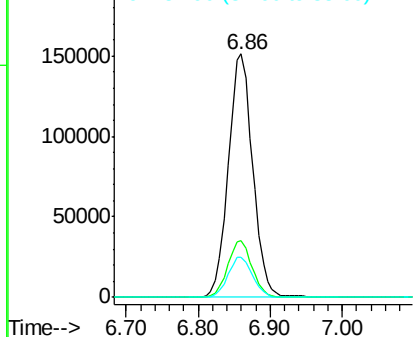
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008658.D
 Acq: 05 Apr 2019 00:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006RW163-190402

Tot Ion:114 Resp: 357453
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.2
 88 16.6 0.0 34.0

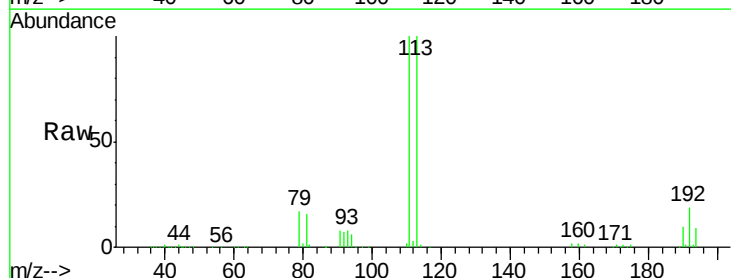


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

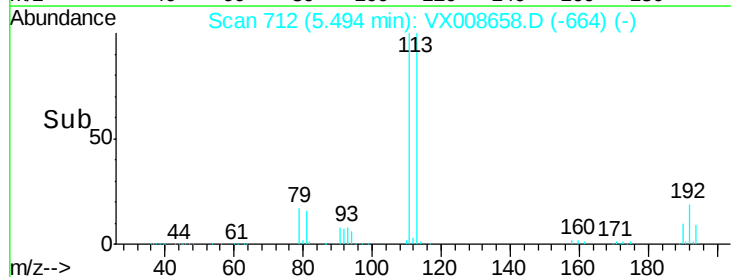
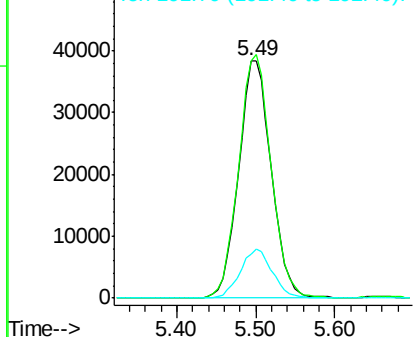


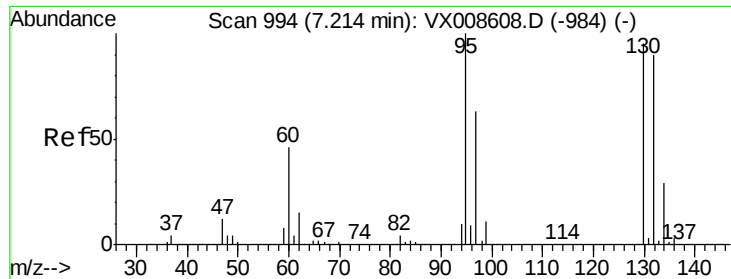
#35
 Dibromofluoromethane
 Concen: 48.280 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008658.D
 Acq: 05 Apr 2019 00:39

Tgt Ion:113 Resp: 110341
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.2
 192 20.4 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: 6.779 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008658.D

Acq: 05 Apr 2019 00:39

Instrument :

MSVOA_X

ClientSampleId :

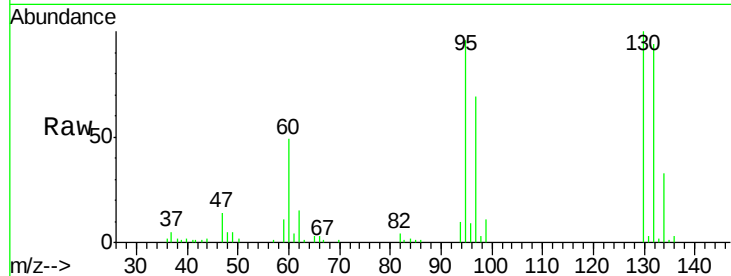
ST006RW163-190402

Tot Ion:130 Resp: 18380

Ion Ratio Lower Upper

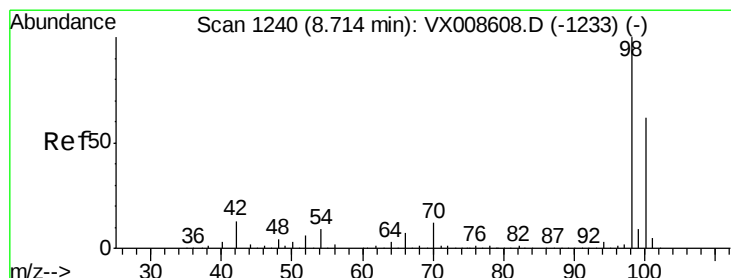
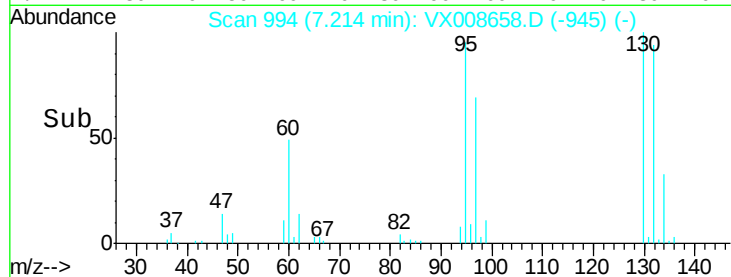
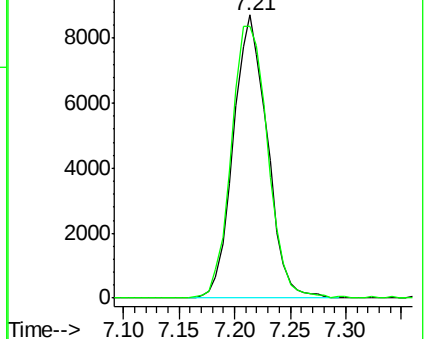
130 100

95 96.3 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: 48.989 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008658.D

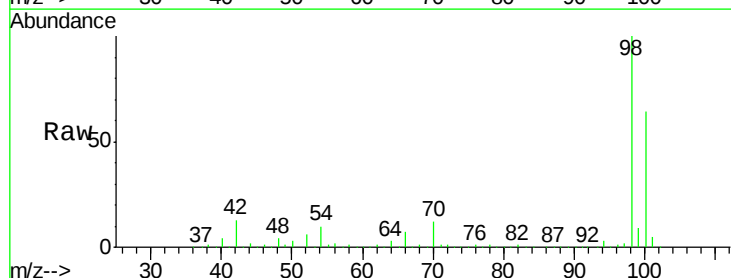
Acq: 05 Apr 2019 00:39

Tgt Ion: 98 Resp: 445797

Ion Ratio Lower Upper

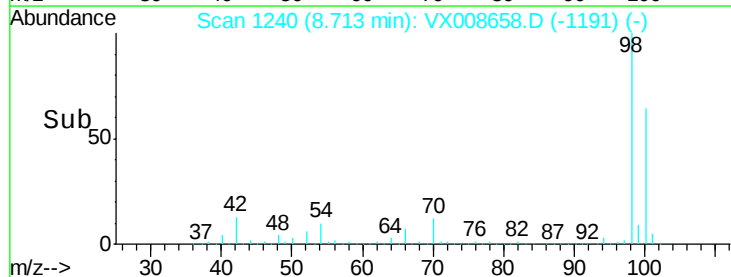
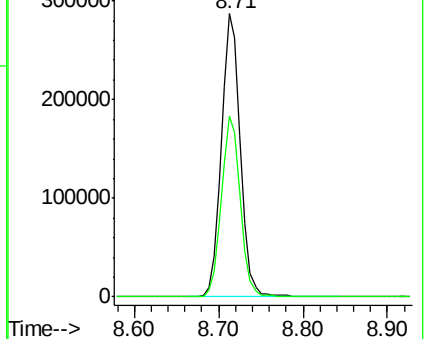
98 100

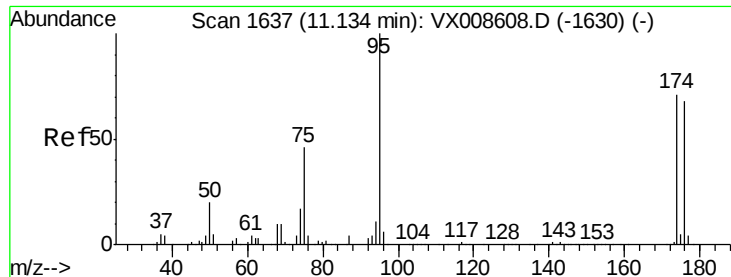
100 63.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

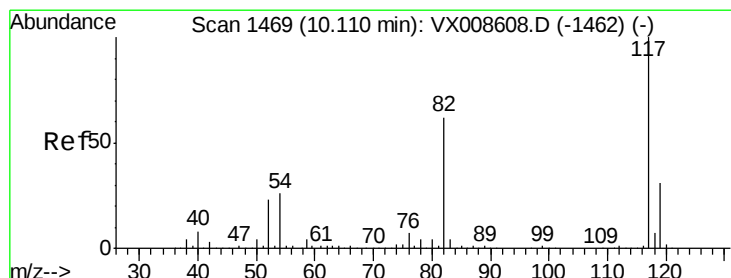
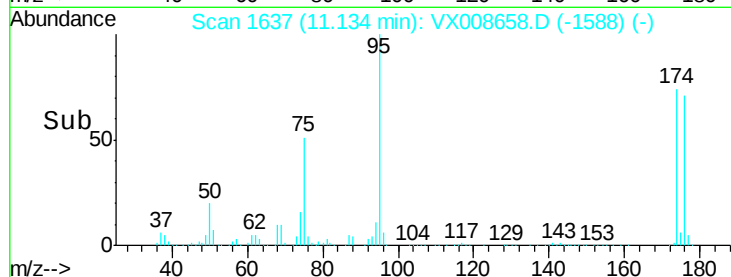
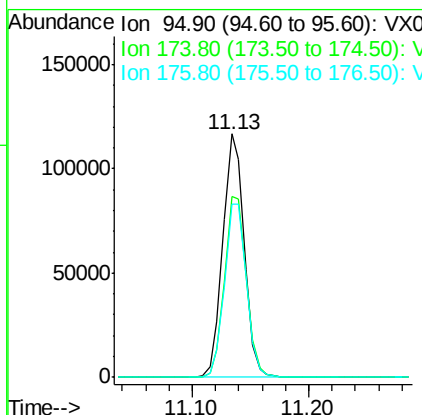
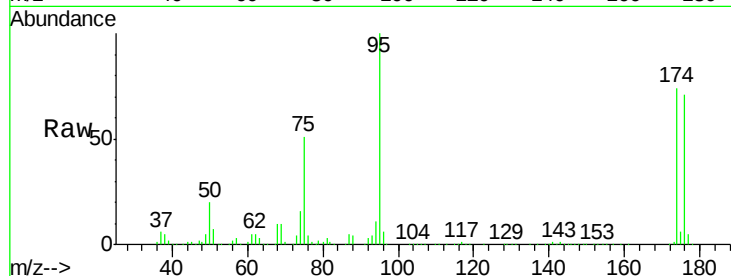




#62
4-Bromofluorobenzene
Concen: 45.777 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008658.D
Acq: 05 Apr 2019 00:39

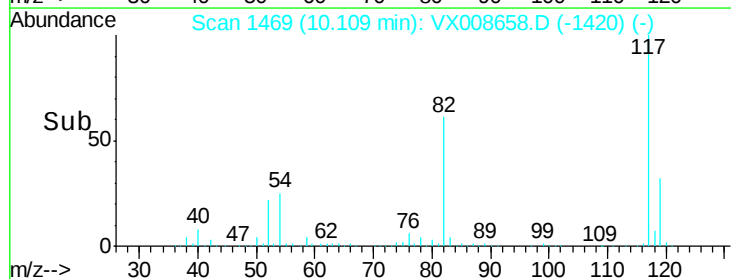
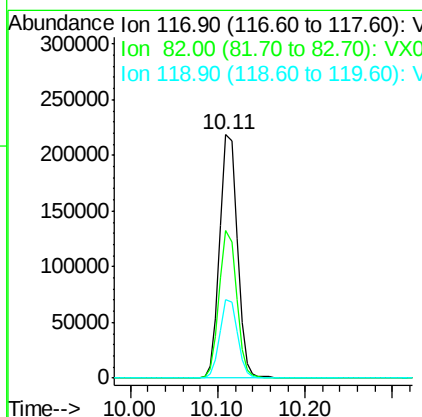
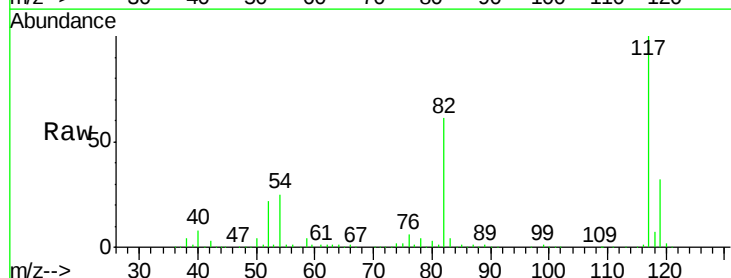
Instrument :
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ClientSampleId :
ST006RW163-190402

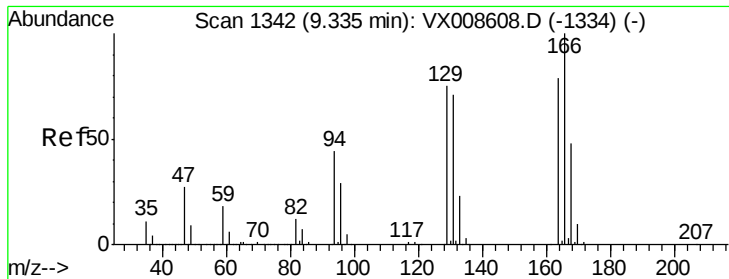
Tot Ion: 95 Resp: 147722
Ion Ratio Lower Upper
95 100
174 76.3 0.0 151.8
176 73.7 0.0 145.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008658.D
Acq: 05 Apr 2019 00:39

Tgt Ion: 117 Resp: 305604
Ion Ratio Lower Upper
117 100
82 60.8 49.6 74.4
119 32.1 25.0 37.4





#64

Tetrachloroethene

Concen: 41.349 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008658.D

Acq: 05 Apr 2019 00:39

Instrument :

MSVOA_X

ClientSampleId :

ST006RW163-190402

Tot Ion:164 Resp: 93623

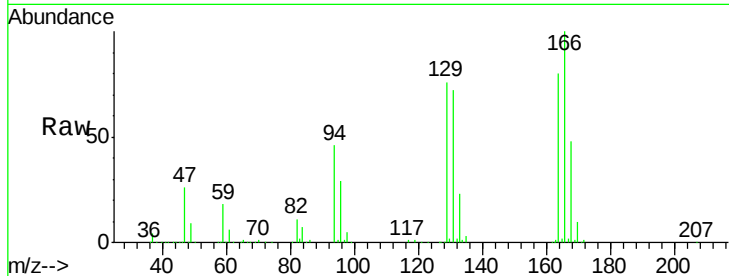
Ion Ratio Lower Upper

164 100

166 124.7 101.0 151.6

129 94.7 75.8 113.8

131 89.4 71.8 107.8

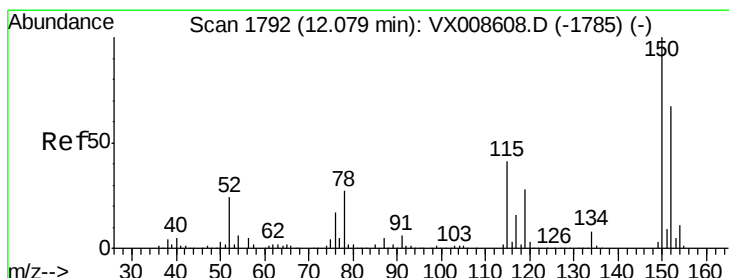
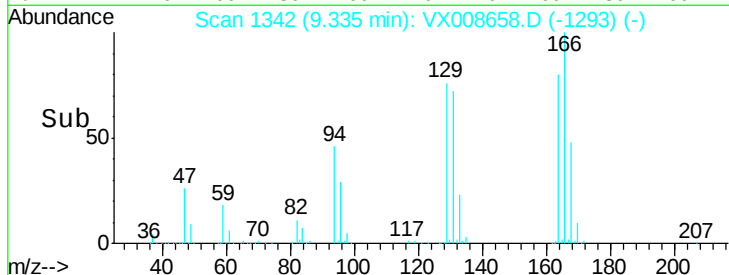
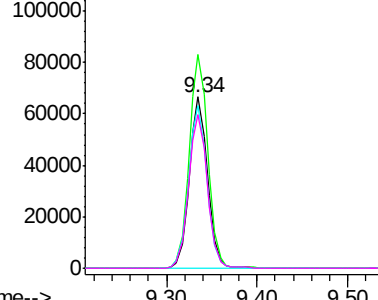


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008658.D

Acq: 05 Apr 2019 00:39

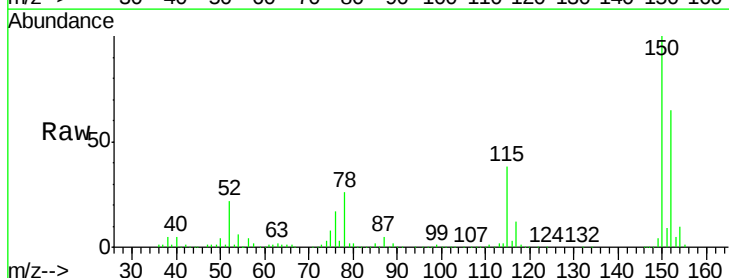
Tgt Ion:152 Resp: 124536

Ion Ratio Lower Upper

152 100

115 59.7 43.5 130.5

150 154.6 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

