

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008666.D
 Acq On : 05 Apr 2019 03:46
 Operator : JC/SP
 Sample : K2274-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW184-190403

Quant Time: Apr 05 09:25:25 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

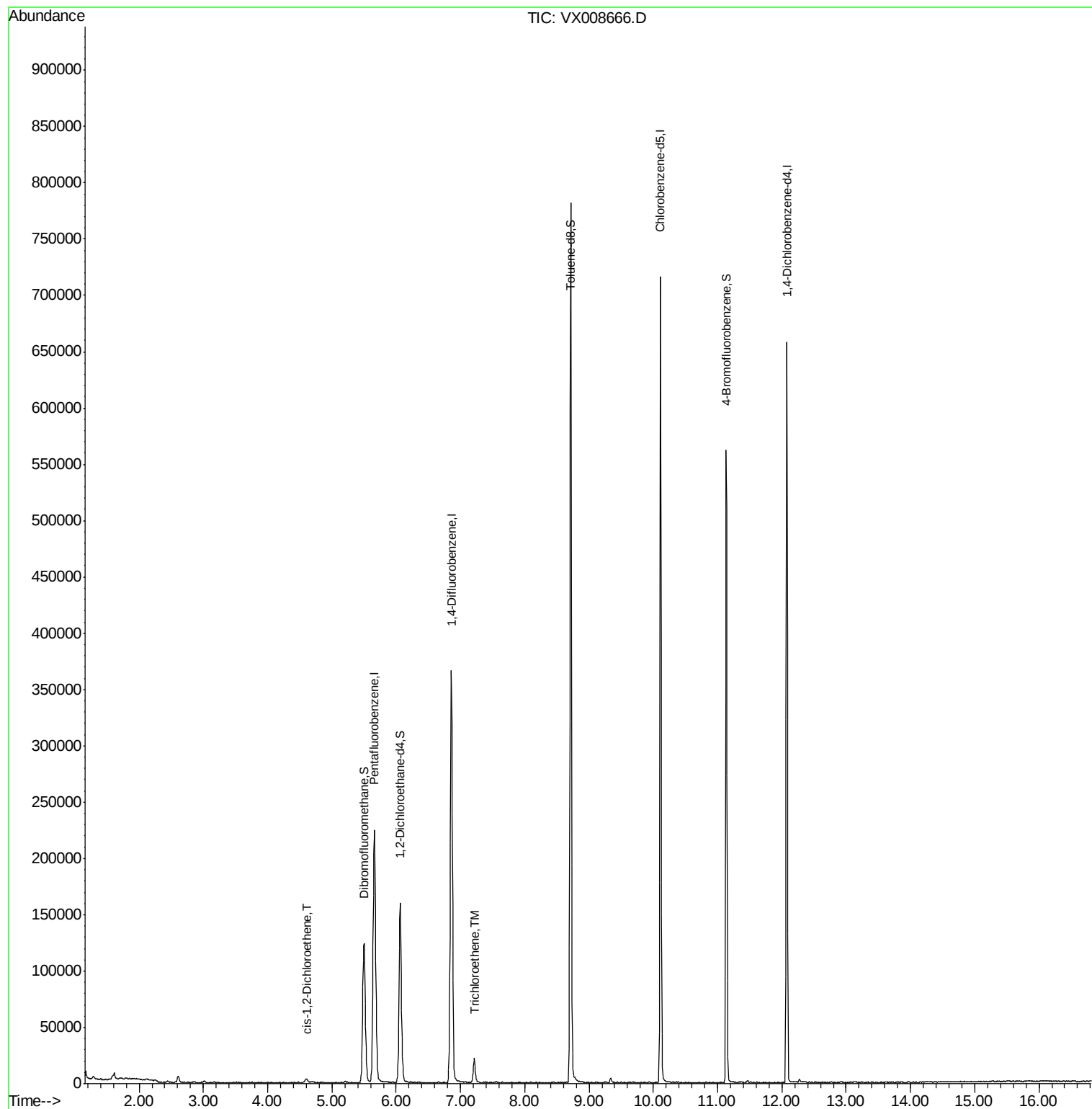
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	148573	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
35) Dibromofluoromethane	5.50	113	107847	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	8.71	98	451623	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	152069	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	2103	0.687	ug/l	93
44) Trichloroethene	7.21	130	7774	2.870	ug/l	92

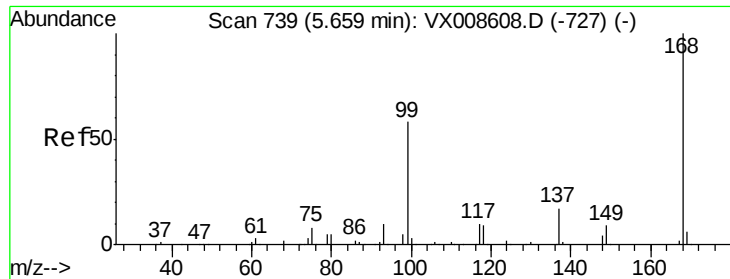
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008666.D

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Instrument :

MSVOA_X

ClientSampleId :

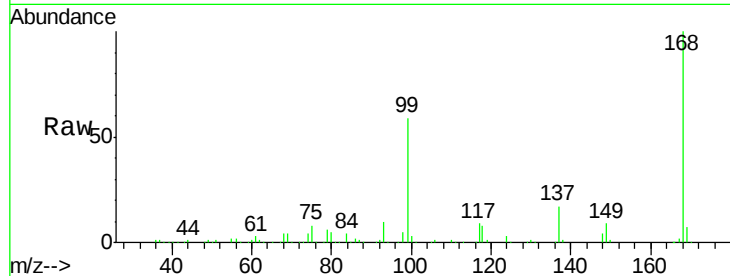
ST006MW184-190403

Tot Ion:168 Resp: 212825

Ion Ratio Lower Upper

168 100

99 59.1 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

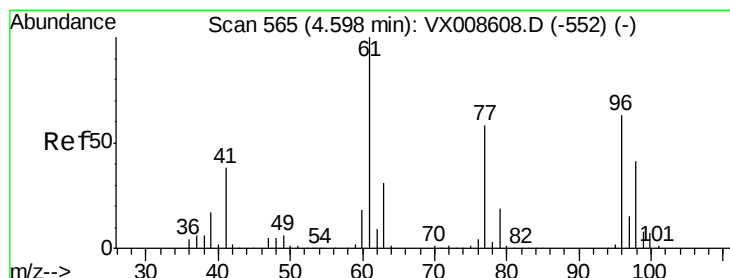
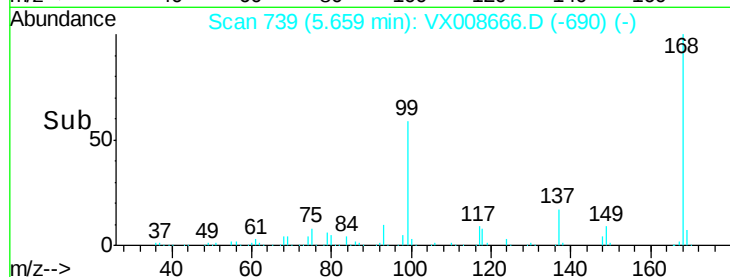
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.687 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008666.D

Acq: 05 Apr 2019 03:46

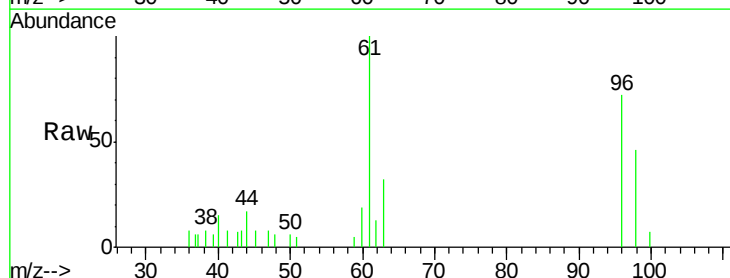
Tgt Ion: 96 Resp: 2103

Ion Ratio Lower Upper

96 100

61 151.9 0.0 327.6

98 65.5 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

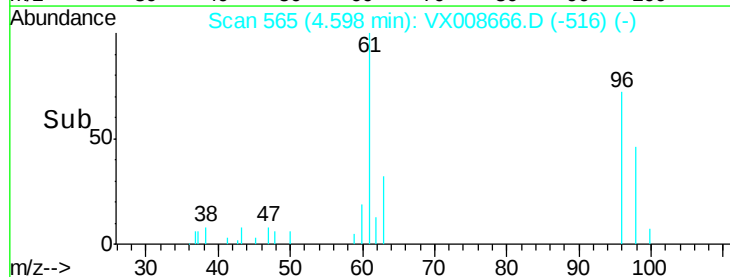
4.60

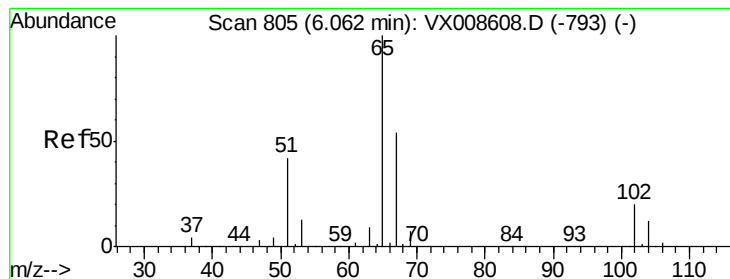
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 47.862 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008666.D

Acq: 05 Apr 2019 03:46

Instrument :

MSVOA_X

ClientSampleId :

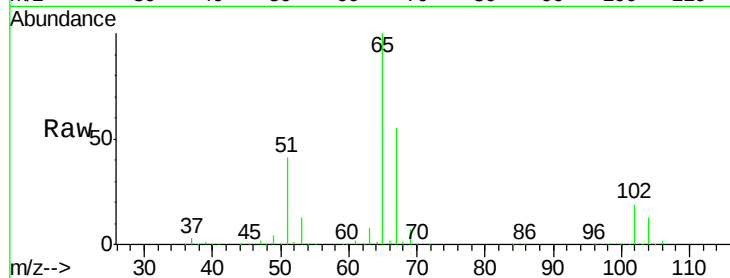
ST006MW184-190403

Tot Ion: 65 Resp: 148573

Ion Ratio Lower Upper

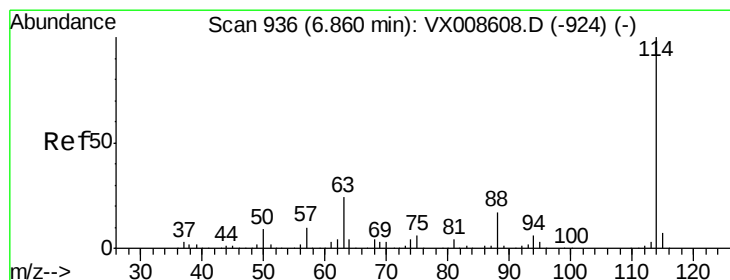
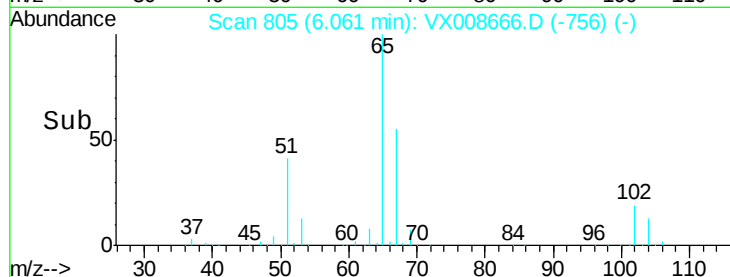
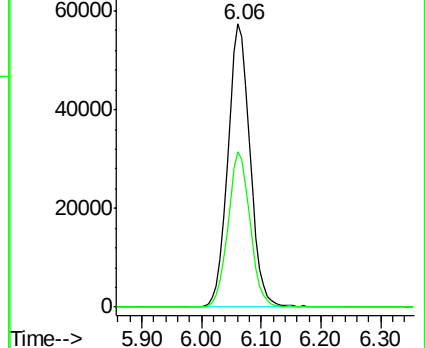
65 100

67 54.5 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: VX008666.D

Acq: 05 Apr 2019 03:46

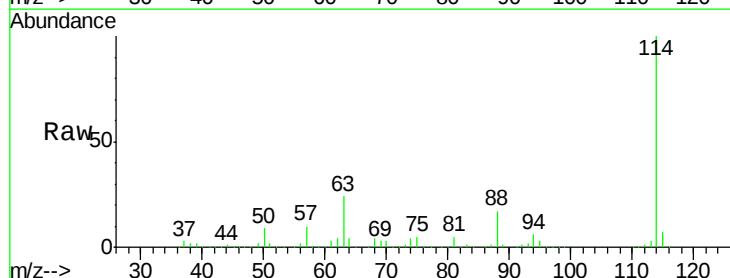
Tgt Ion: 114 Resp: 357169

Ion Ratio Lower Upper

114 100

63 23.9 0.0 47.2

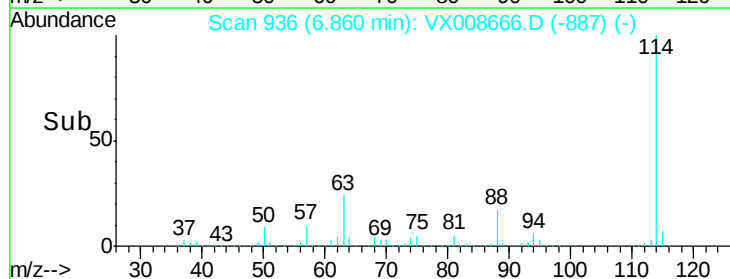
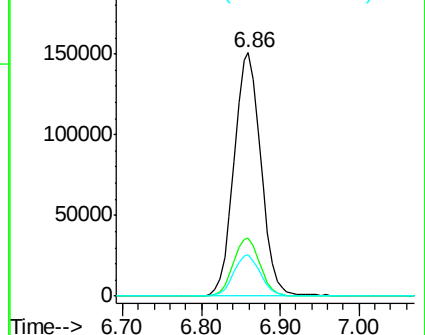
88 17.2 0.0 34.0

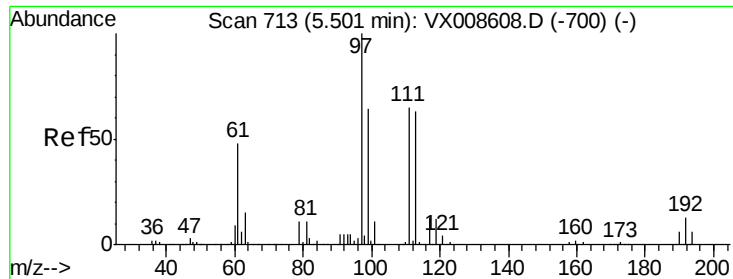


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.227 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008666.D

Acq: 05 Apr 2019 03:46

Instrument :

MSVOA_X

ClientSampleId :

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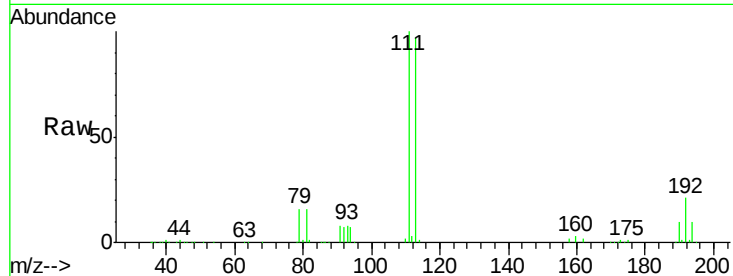
Tot Ion:113 Resp: 107847

Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

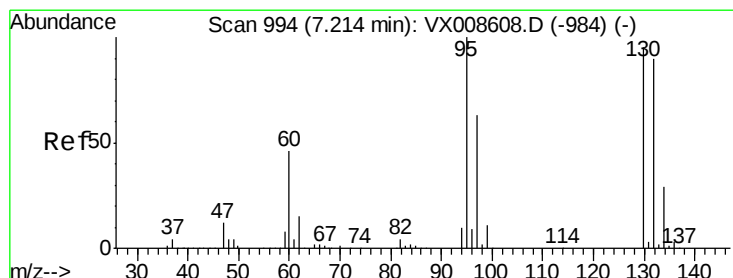
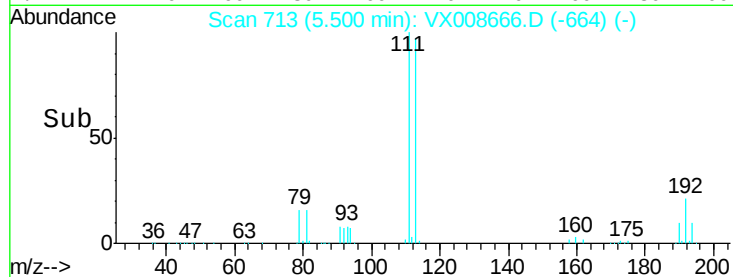
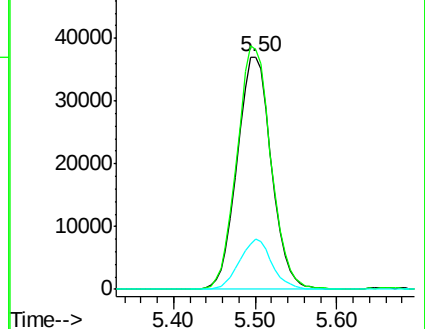
192 20.5 16.1 24.1



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: 2.870 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008666.D

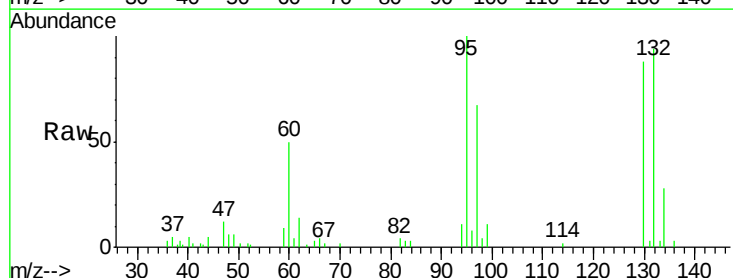
Acq: 05 Apr 2019 03:46

Tgt Ion:130 Resp: 7774

Ion Ratio Lower Upper

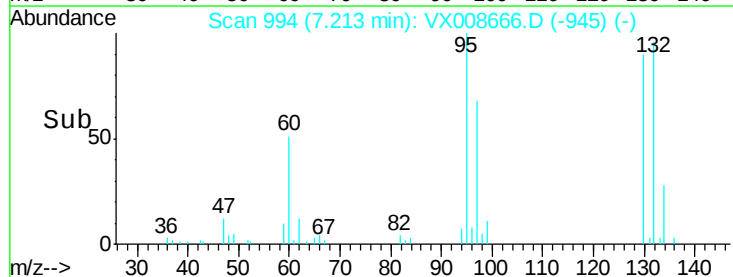
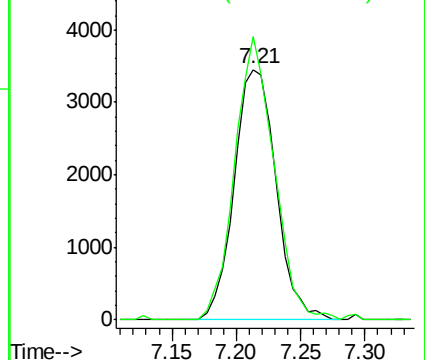
130 100

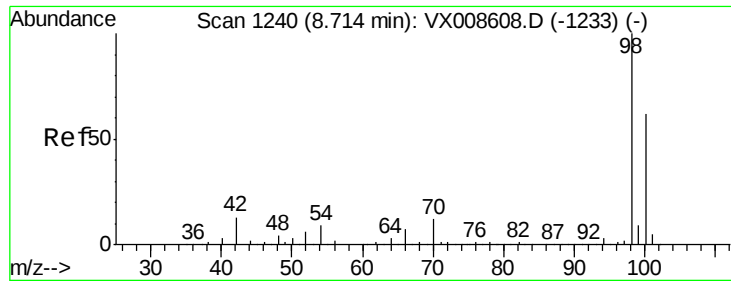
95 113.1 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.669 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008666.D

Acq: 05 Apr 2019 03:46

Instrument :

MSVOA_X

ClientSampleId :

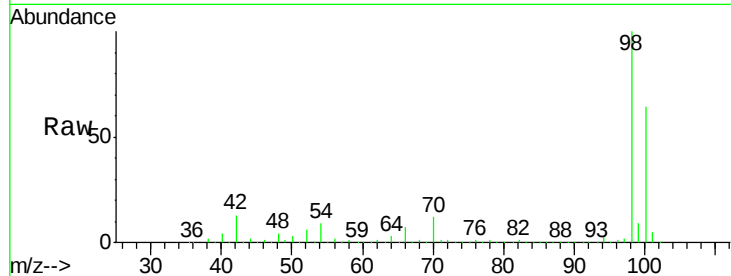
ST006MW184-190403

Tot Ion: 98 Resp: 451623

Ion Ratio Lower Upper

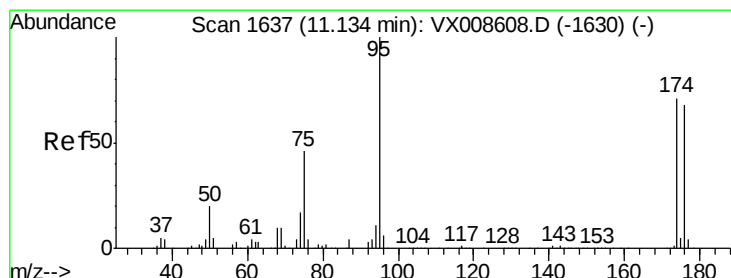
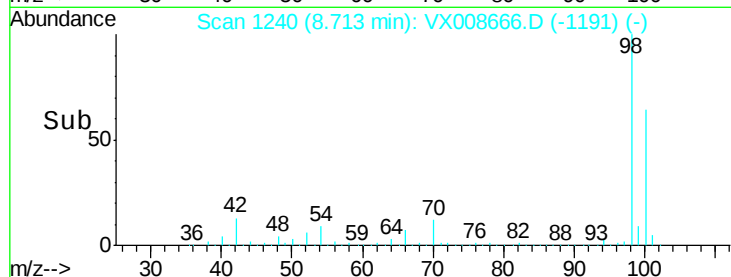
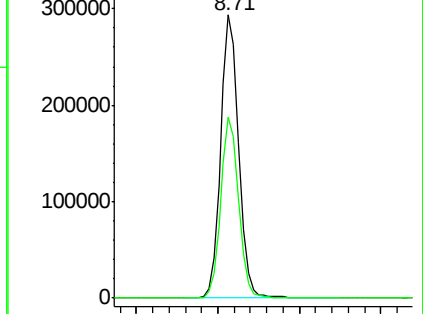
98 100

100 63.6 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: 47.162 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008666.D

Acq: 05 Apr 2019 03:46

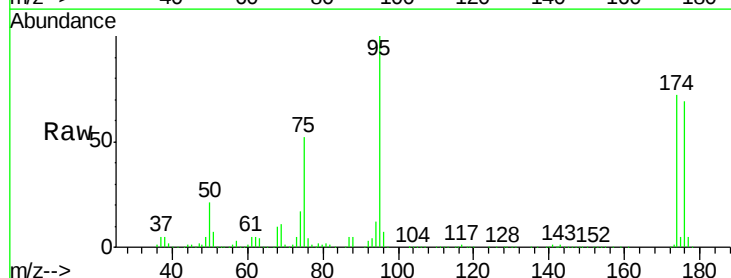
Tgt Ion: 95 Resp: 152069

Ion Ratio Lower Upper

95 100

174 76.0 0.0 151.8

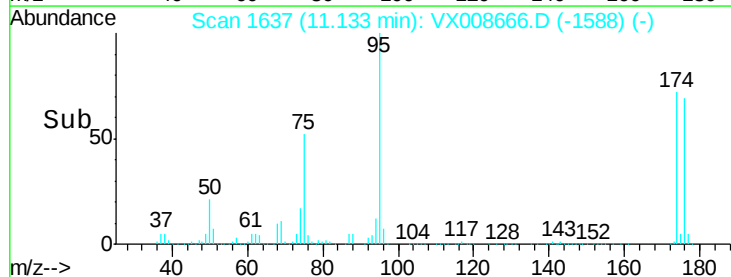
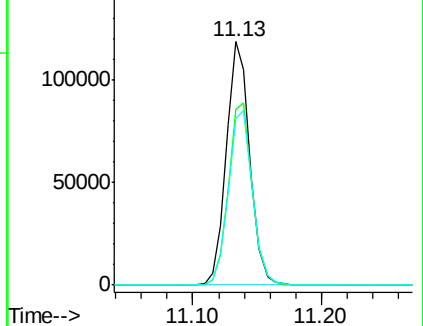
176 74.0 0.0 145.8

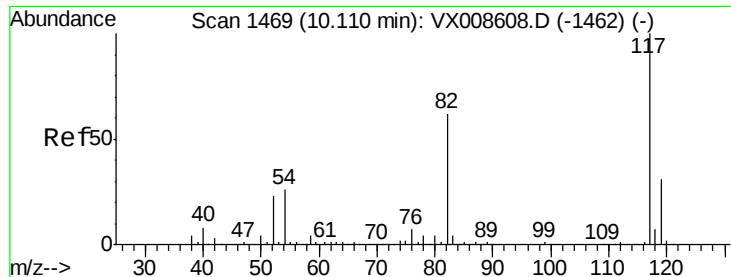


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

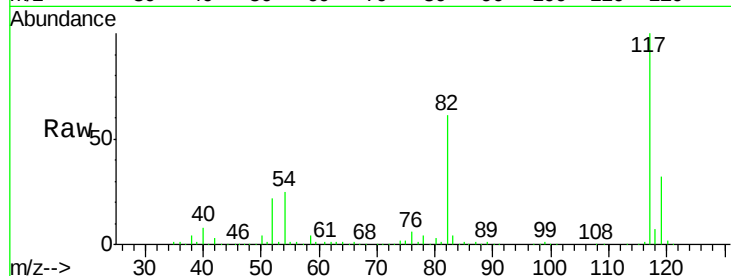




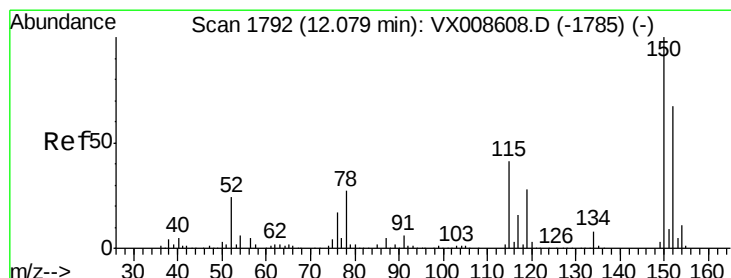
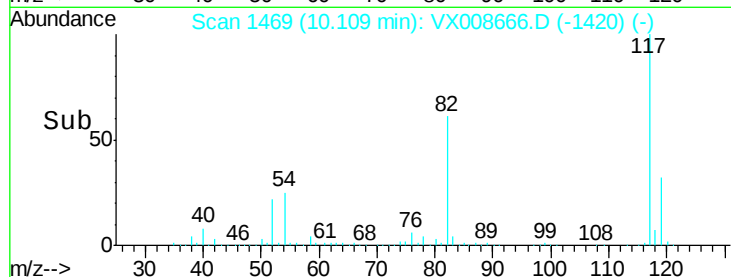
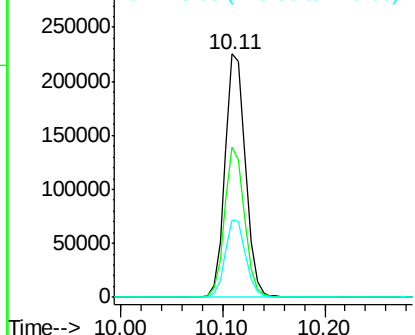
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008666.D
Acq: 05 Apr 2019 03:46

Instrument :
MSVOA_X
ClientSampleId :
ST006MW184-190403

Tot Ion:117 Resp: 312916
Ion Ratio Lower Upper
117 100
82 61.4 49.6 74.4
119 31.9 25.0 37.4

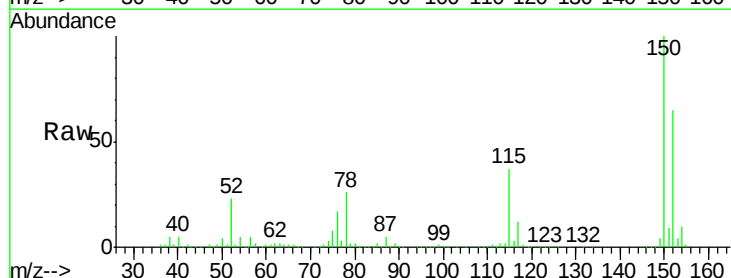


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008666.D
Acq: 05 Apr 2019 03:46

Tgt Ion:152 Resp: 131039
Ion Ratio Lower Upper
152 100
115 60.1 43.5 130.5
150 155.7 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

