

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008813.D
 Acq On : 10 Apr 2019 18:16
 Operator : JC/SP
 Sample : K2349-11 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409

Quant Time: Apr 11 07:57:44 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

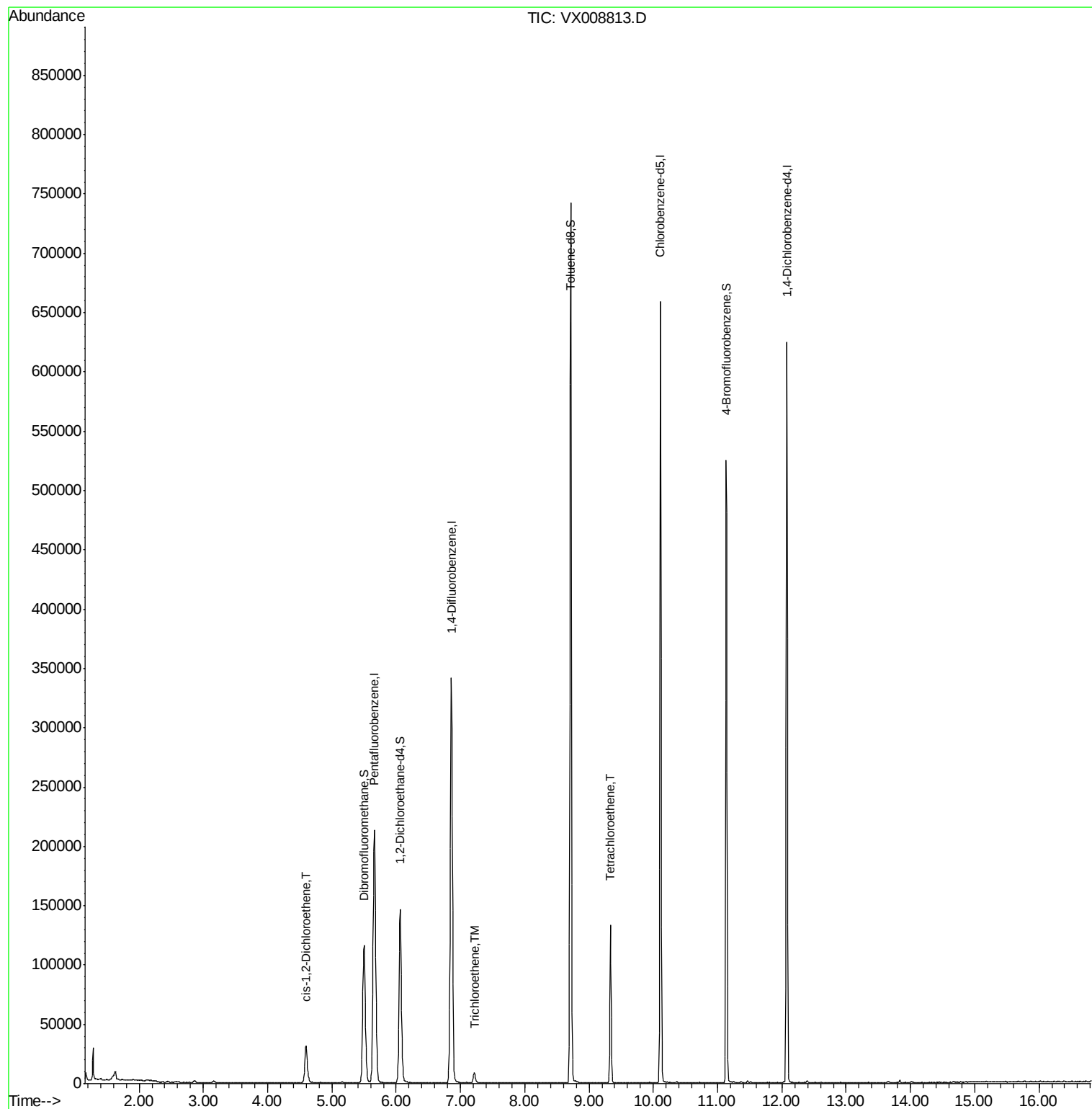
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	136041	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
35) Dibromofluoromethane	5.50	113	100740	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	8.71	98	423210	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	138802	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	19094	6.425	ug/l	91
44) Trichloroethene	7.21	130	3382	1.329	ug/l	93
64) Tetrachloroethene	9.34	164	24936	11.589	ug/l	98

(#) = 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: VX008813.D

Acq: 10 Apr 2019 18:16

Instrument :

MSVOA_X

ClientSampleId :

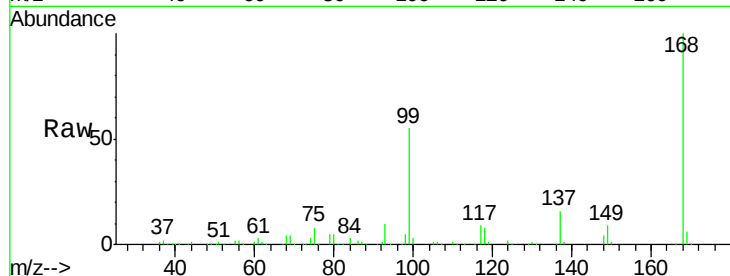
KY062MW139-190409

Tot Ion:168 Resp: 206695

Ion Ratio Lower Upper

168 100

99 54.6 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

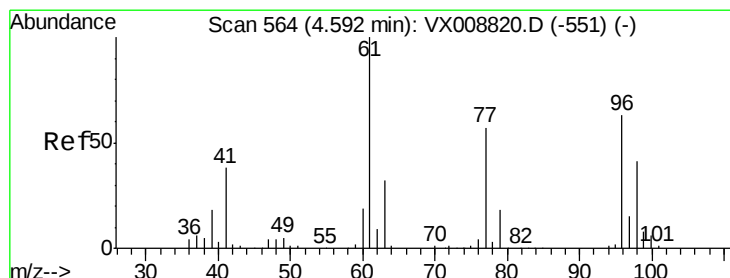
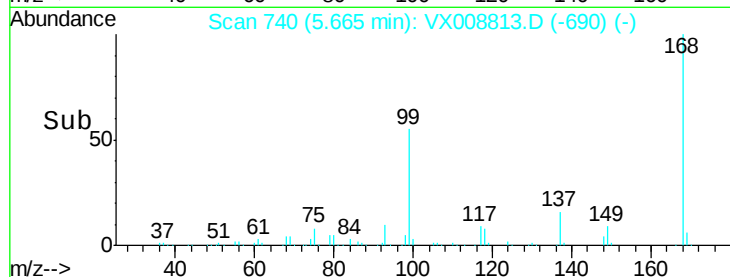
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 6.425 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008813.D

Acq: 10 Apr 2019 18:16

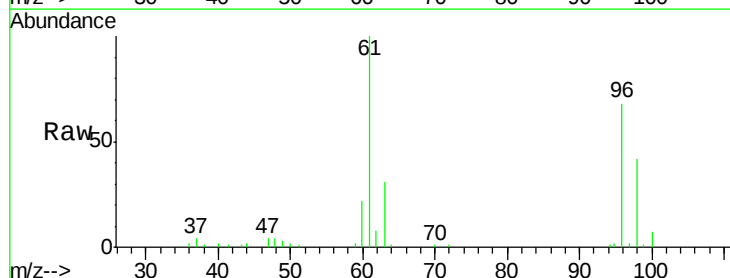
Tgt Ion: 96 Resp: 19094

Ion Ratio Lower Upper

96 100

61 148.0 0.0 327.6

98 64.7 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

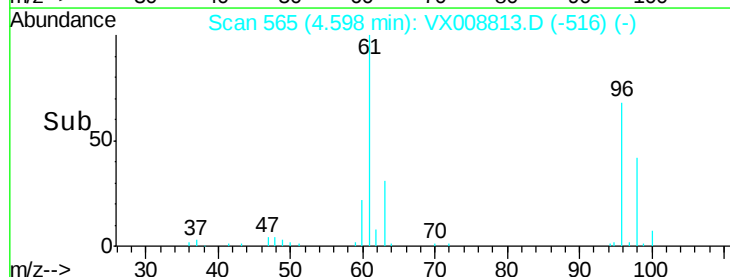
4.60

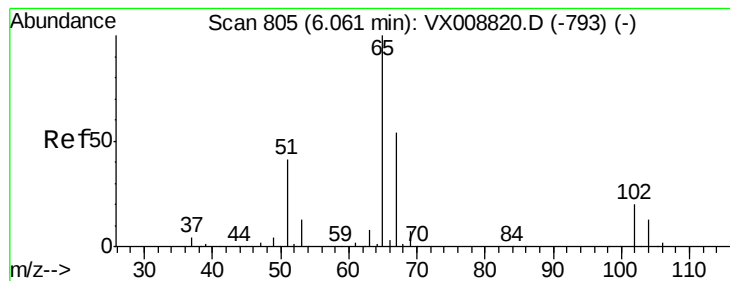
10000

5000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 45.125 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008813.D

Acq: 10 Apr 2019 18:16

Instrument :

MSVOA_X

ClientSampleId :

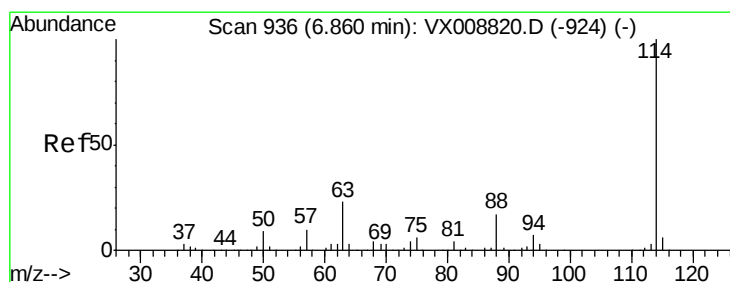
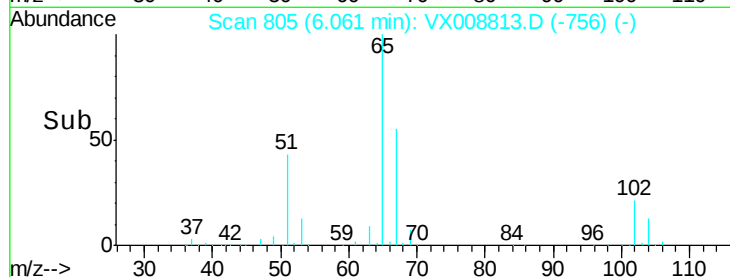
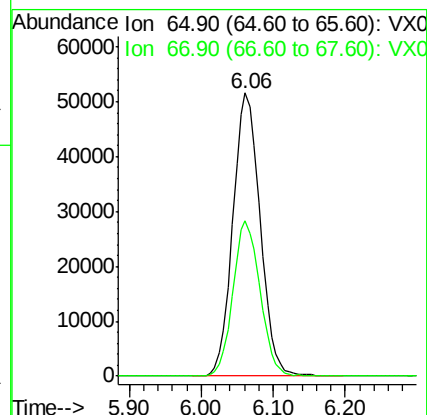
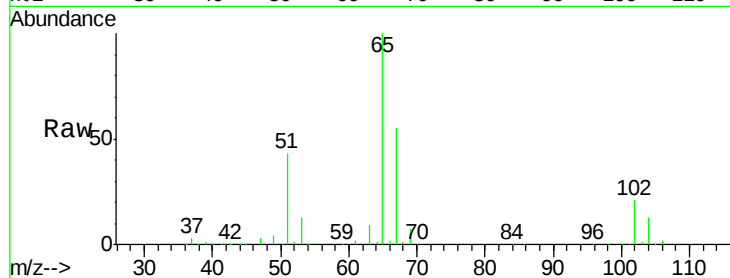
KY062MW139-190409

Tot Ion: 65 Resp: 136041

Ion Ratio Lower Upper

65 100

67 54.4 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: VX008813.D

Acq: 10 Apr 2019 18:16

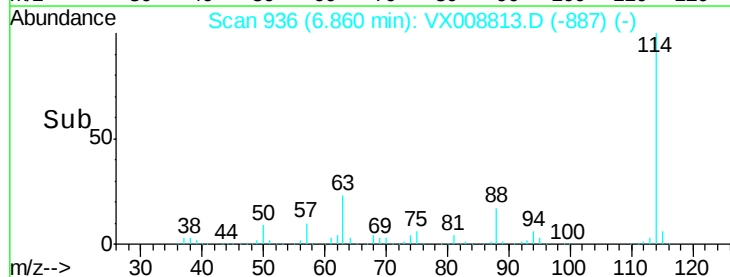
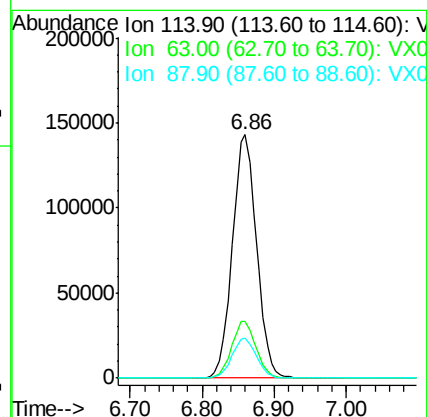
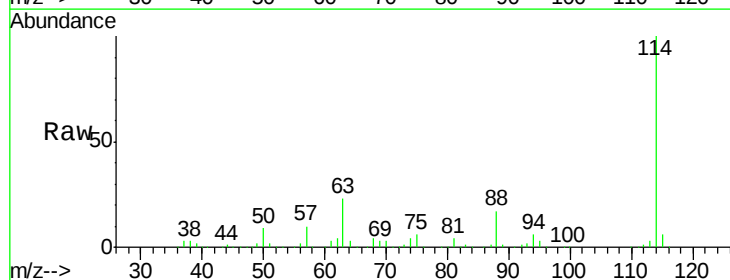
Tgt Ion: 114 Resp: 335569

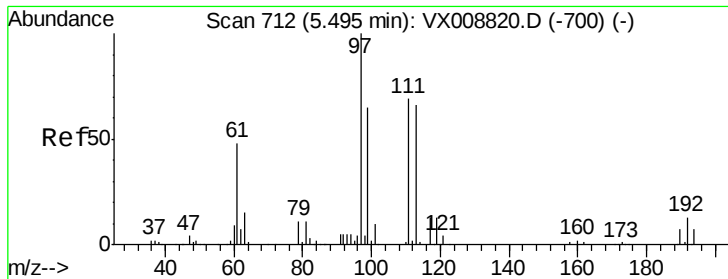
Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.2

88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.954 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008813.D

Acq: 10 Apr 2019 18:16

Instrument :

MSVOA_X

ClientSampleId :

KY062MW139-190409

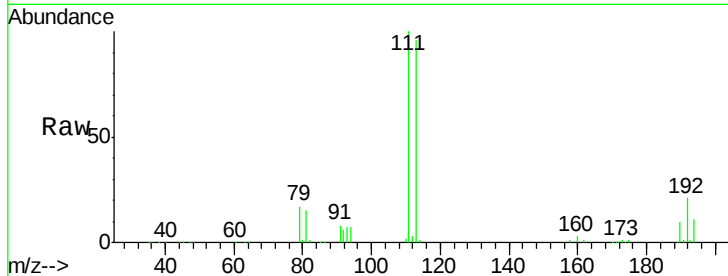
Tot Ion:113 Resp: 100740

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

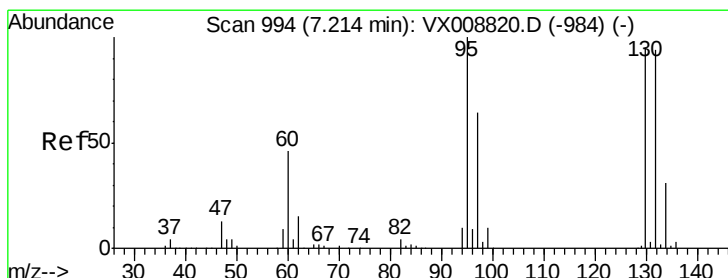
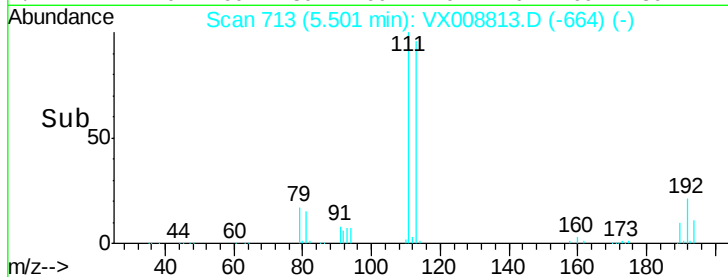
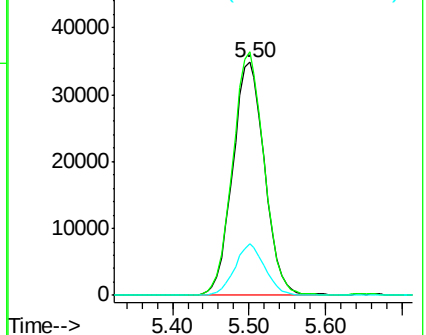
192 20.9 16.1 24.1



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: 1.329 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008813.D

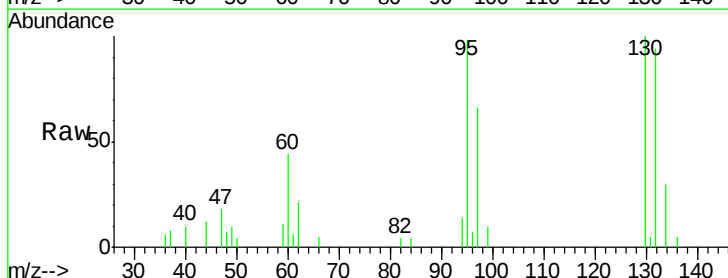
Acq: 10 Apr 2019 18:16

Tgt Ion:130 Resp: 3382

Ion Ratio Lower Upper

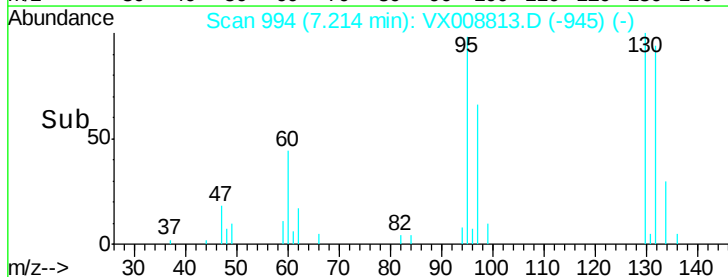
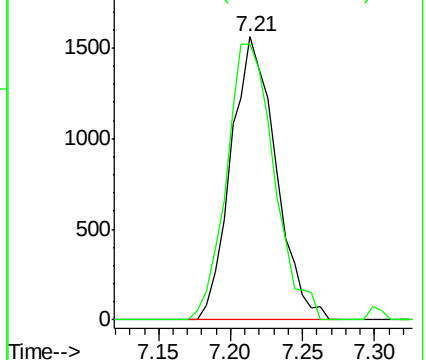
130 100

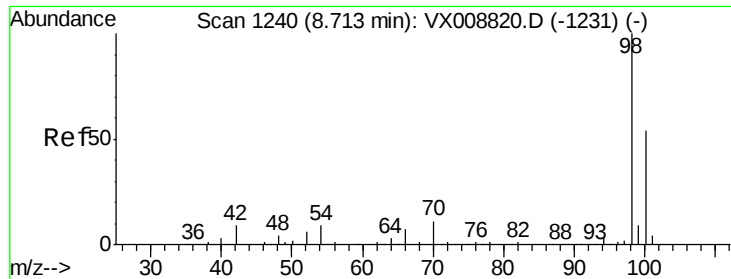
95 97.5 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.540 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008813.D

Acq: 10 Apr 2019 18:16

Instrument :

MSVOA_X

ClientSampleId :

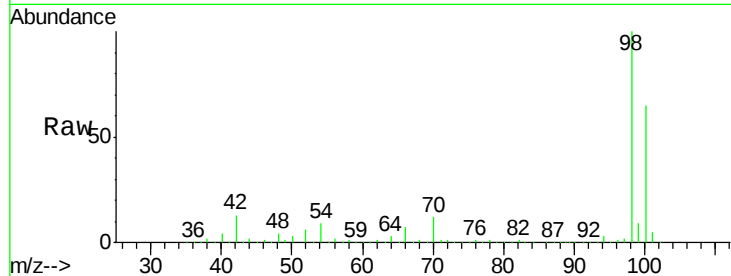
KY062MW139-190409

Tot Ion: 98 Resp: 423210

Ion Ratio Lower Upper

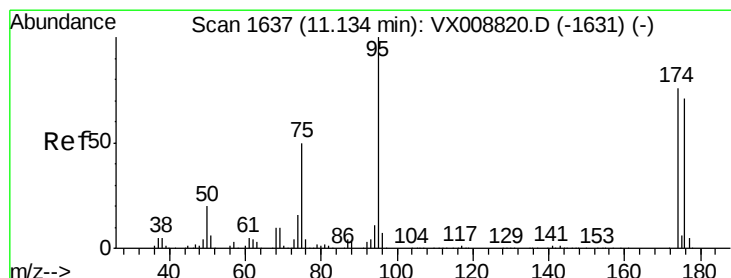
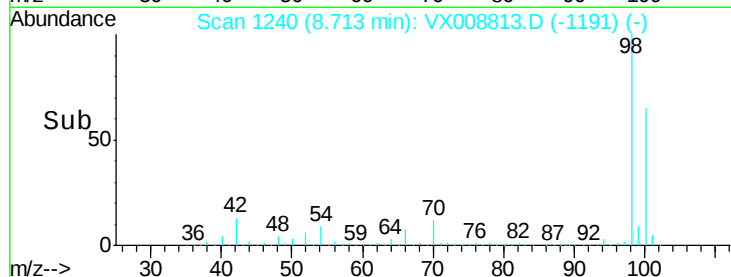
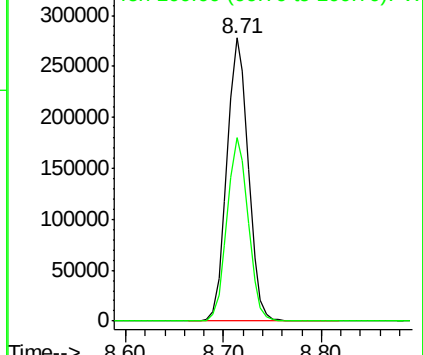
98 100

100 64.3 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: 45.818 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008813.D

Acq: 10 Apr 2019 18:16

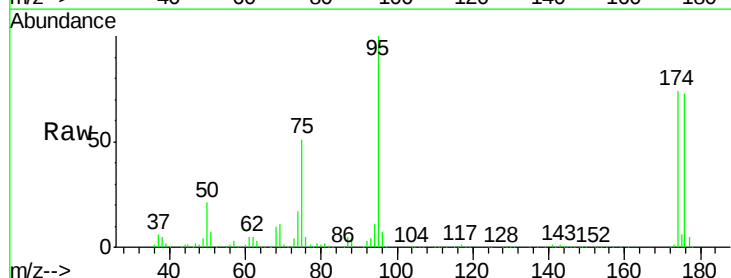
Tgt Ion: 95 Resp: 138802

Ion Ratio Lower Upper

95 100

174 78.7 0.0 151.8

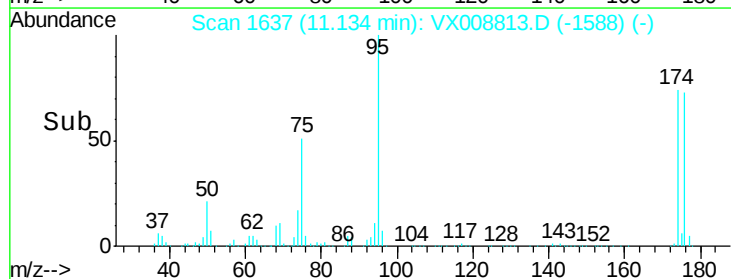
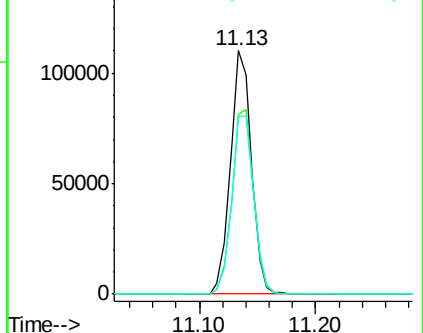
176 76.5 0.0 145.8

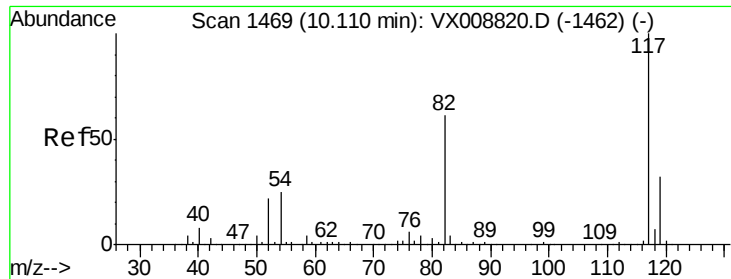


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

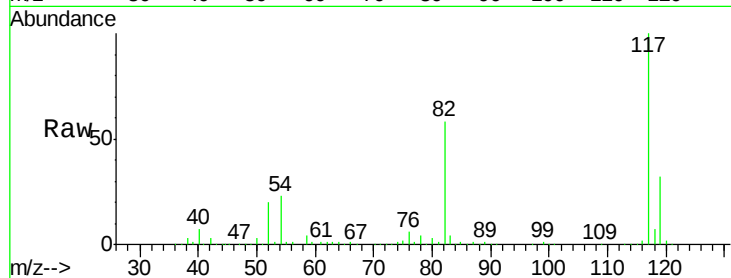




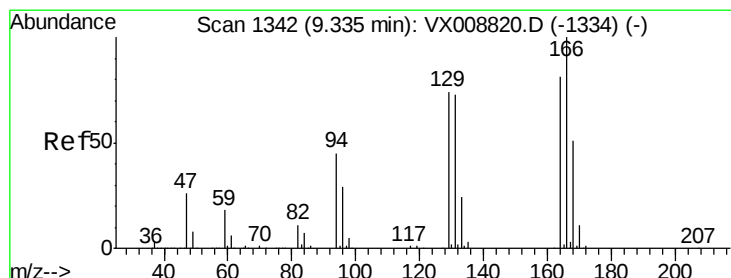
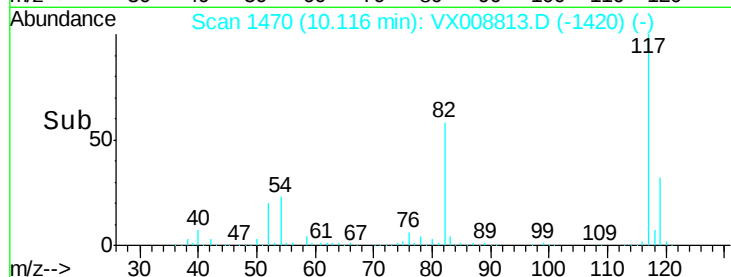
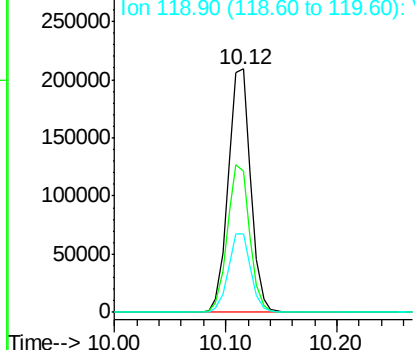
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008813.D
Acq: 10 Apr 2019 18:16

Instrument :
MSVOA_X
ClientSampleId :
KY062MW139-190409

Tot Ion:117 Resp: 290428
Ion Ratio Lower Upper
117 100
82 57.8 49.6 74.4
119 32.4 25.0 37.4

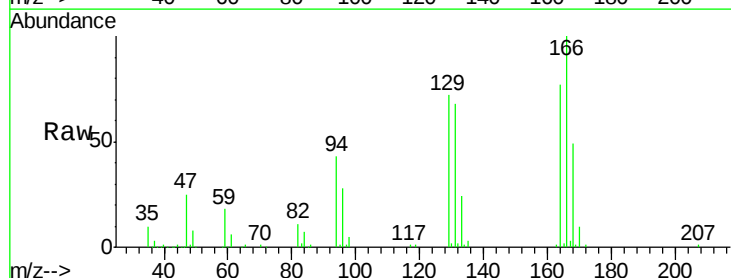


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

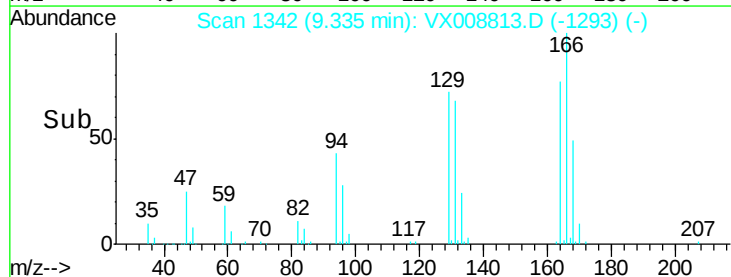
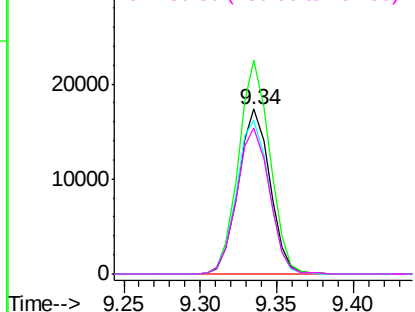


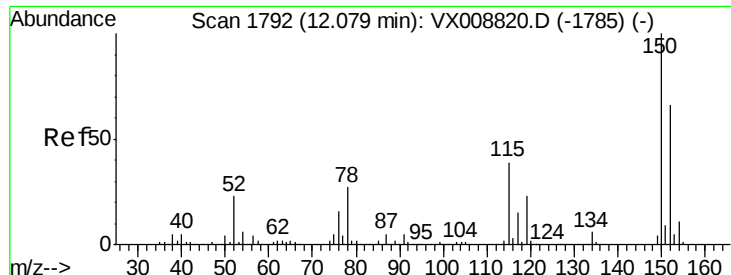
#64
Tetrachloroethene
Concen: 11.589 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008813.D
Acq: 10 Apr 2019 18:16

Tgt Ion:164 Resp: 24936
Ion Ratio Lower Upper
164 100
166 129.4 101.0 151.6
129 93.0 75.8 113.8
131 88.4 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

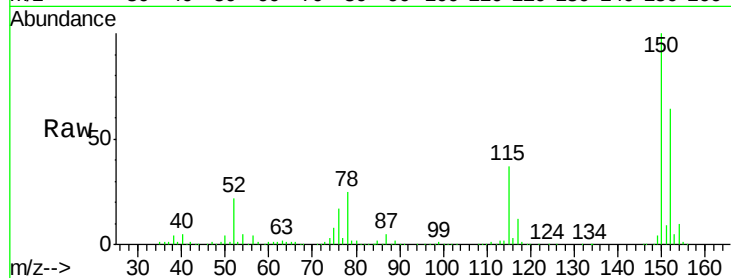




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008813.D
 Acq: 10 Apr 2019 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW139-190409

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	43.5	130.5
150	157.2	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

