

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009315.D
 Acq On : 03 May 2019 17:27
 Operator : JC/SP
 Sample : K2662-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW506-190430

Quant Time: May 04 04:00:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

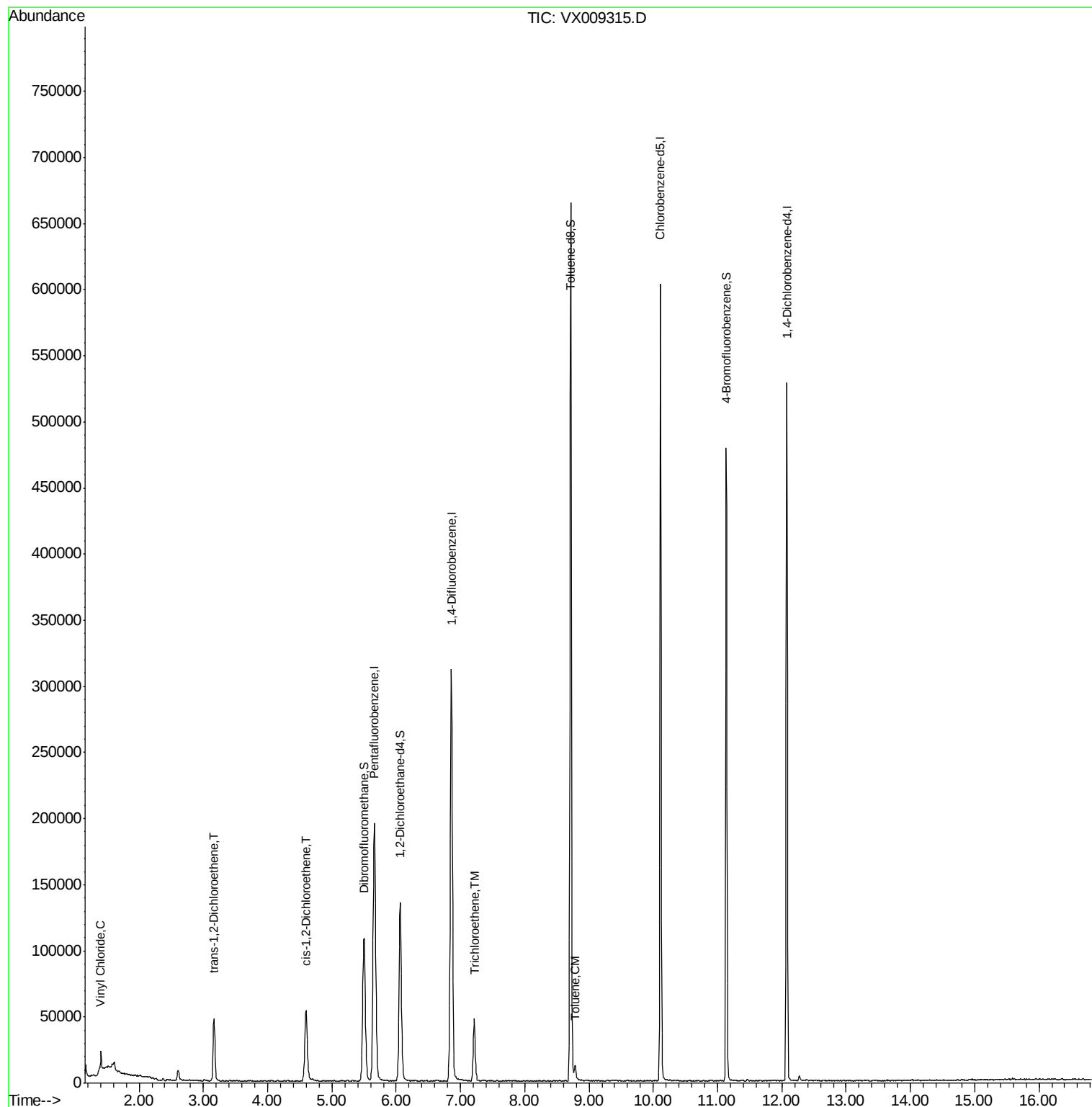
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128813	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	5.49	113	94528	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	8.71	98	385961	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.13	95	126624	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
4) Vinyl Chloride	1.40	62	9795	4.151	ug/l #	80
21) trans-1,2-Dichloroethene	3.17	96	18754	9.582	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	33647	14.403	ug/l	90
44) Trichloroethene	7.21	130	18100	8.407	ug/l	96
52) Toluene	8.79	92	3505	0.647	ug/l	99

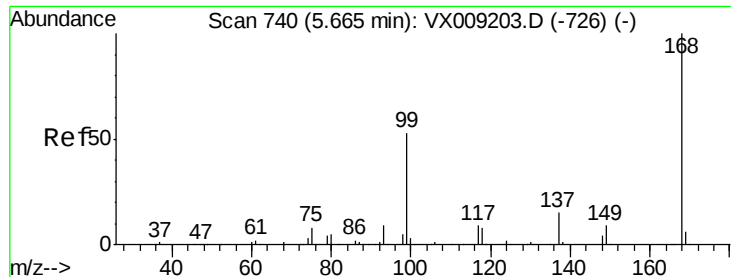
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009315.D

Acq: 03 May 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

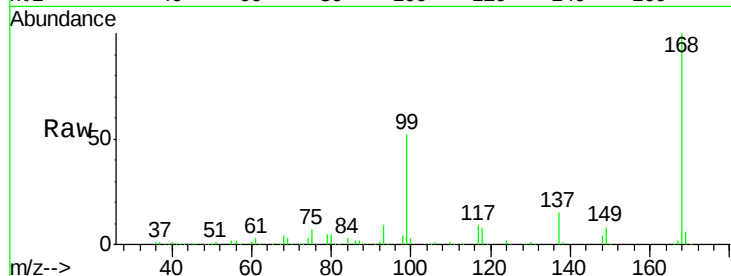
SS050MW506-190430

Tot Ion:168 Resp: 192343

Ion Ratio Lower Upper

168 100

99 51.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

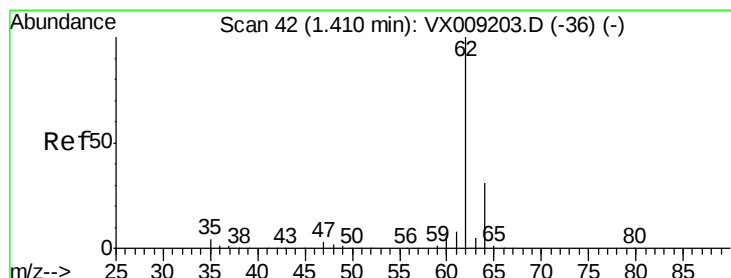
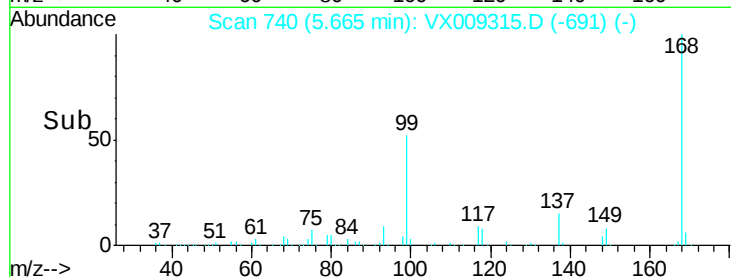
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 4.151 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009315.D

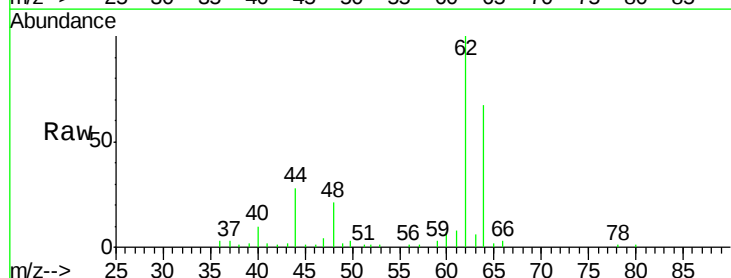
Acq: 03 May 2019 17:27

Tgt Ion: 62 Resp: 9795

Ion Ratio Lower Upper

62 100

64 41.5 24.6 36.8#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

10000

8000

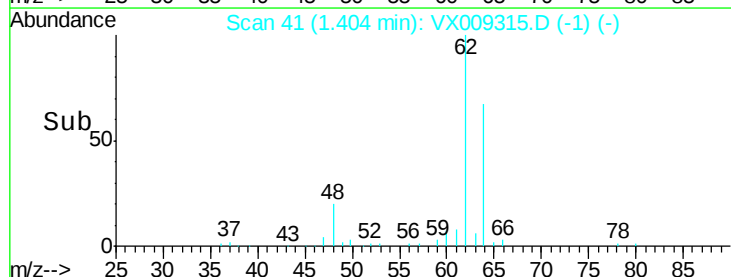
6000

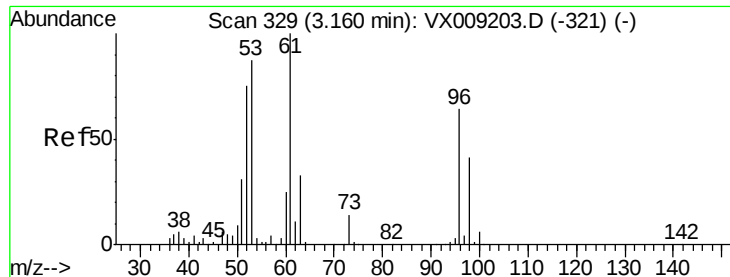
4000

2000

0

Time--> 1.35 1.40 1.45 1.50





#21

trans-1,2-Dichloroethene

Concen: 9.582 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009315.D

Acq: 03 May 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

SS050MW506-190430

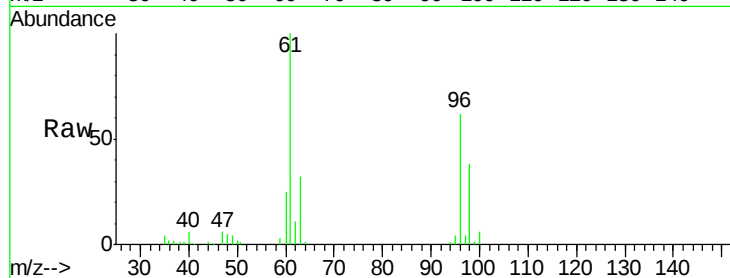
Tot Ion: 96 Resp: 18754

Ion Ratio Lower Upper

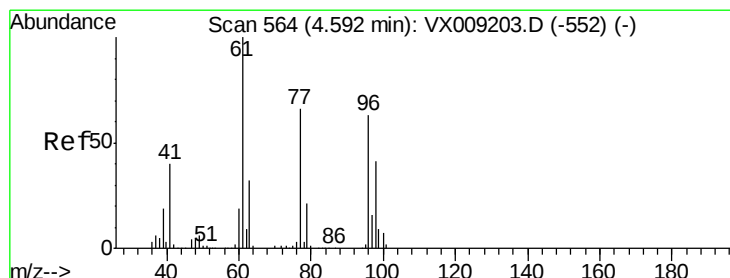
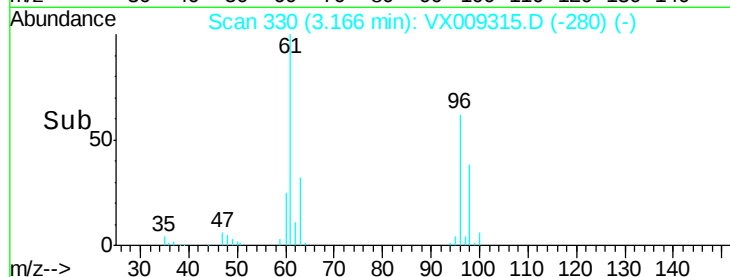
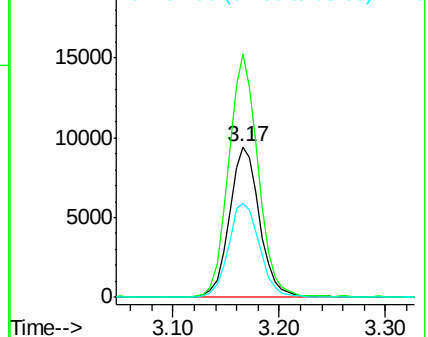
96 100

61 161.6 124.5 186.7

98 62.0 50.4 75.6



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



#27

cis-1,2-Dichloroethene

Concen: 14.403 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009315.D

Acq: 03 May 2019 17:27

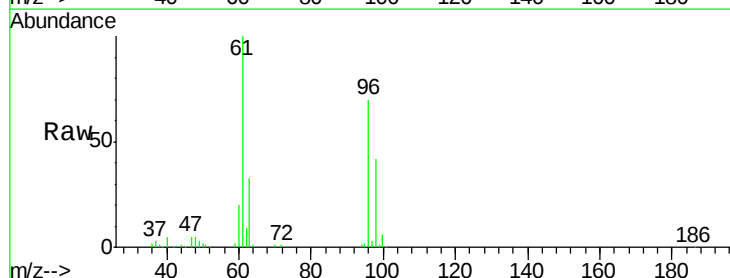
Tgt Ion: 96 Resp: 33647

Ion Ratio Lower Upper

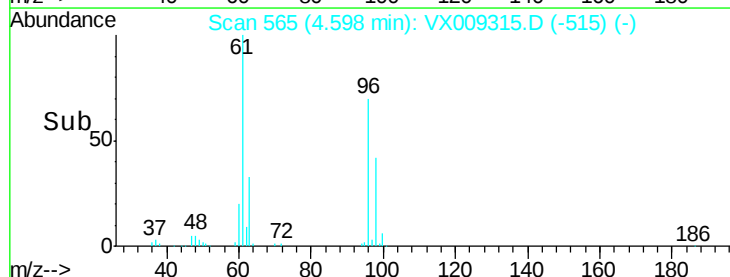
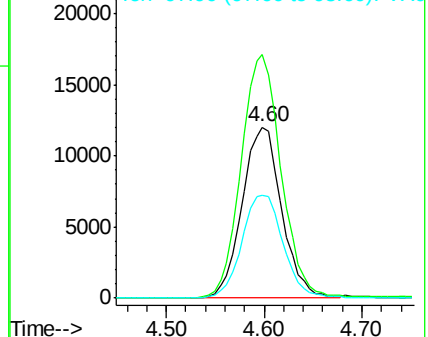
96 100

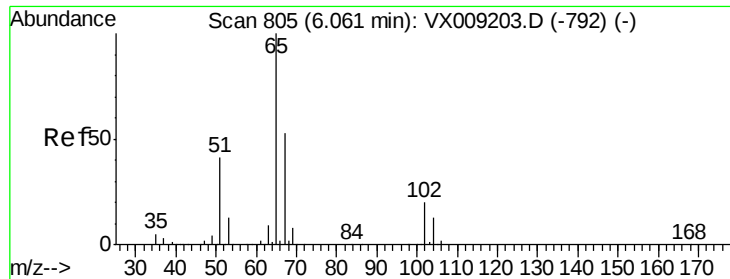
61 145.2 0.0 324.0

98 63.0 0.0 130.4



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

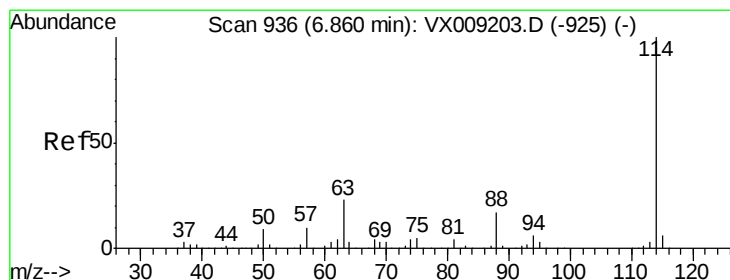
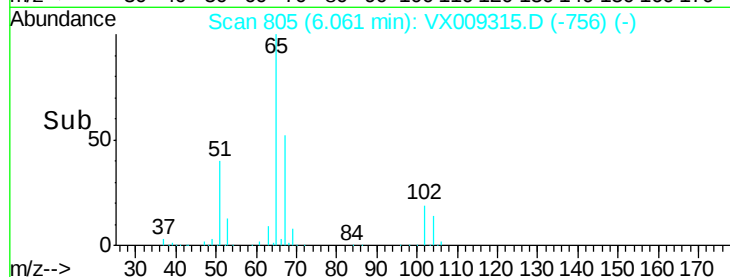
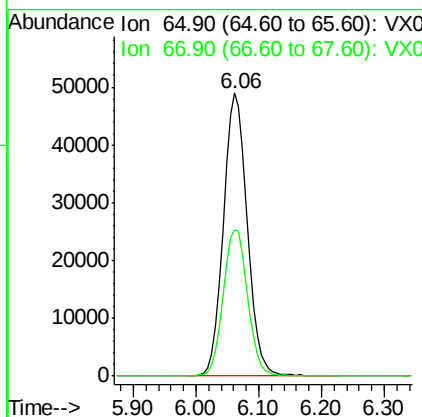
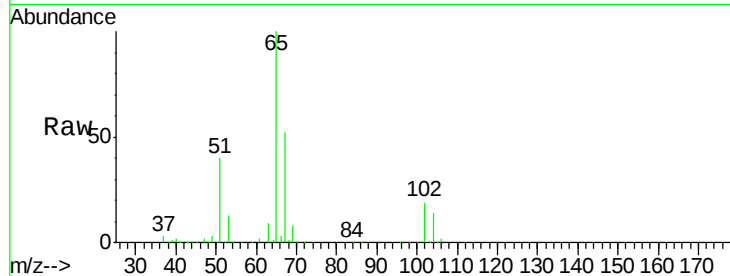




#33
 1,2-Dichloroethane-d4
 Concen: 49.058 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009315.D
 Acq: 03 May 2019 17:27

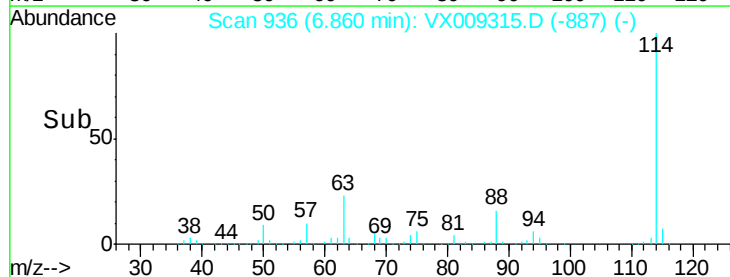
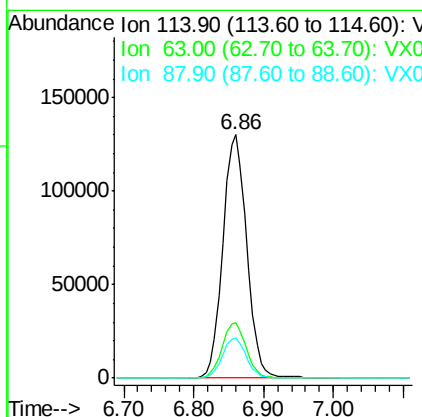
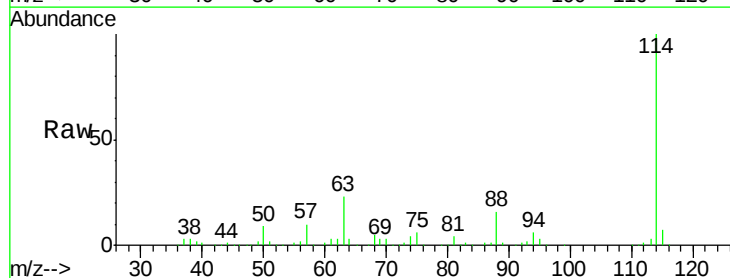
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW506-190430

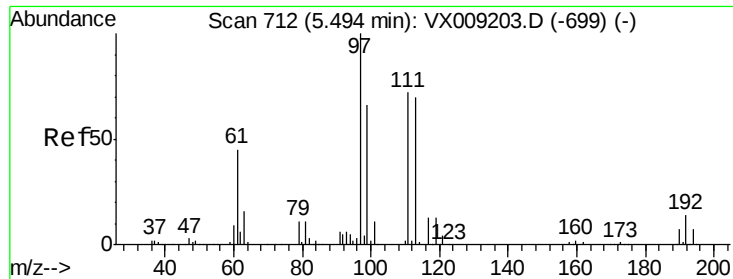
Tot Ion: 65 Resp: 128813
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009315.D
 Acq: 03 May 2019 17:27

Tgt Ion: 114 Resp: 309665
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.4 0.0 33.2

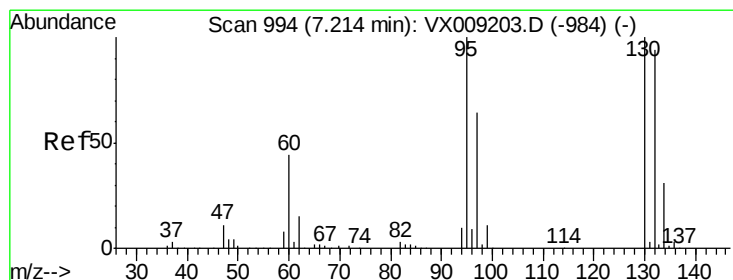
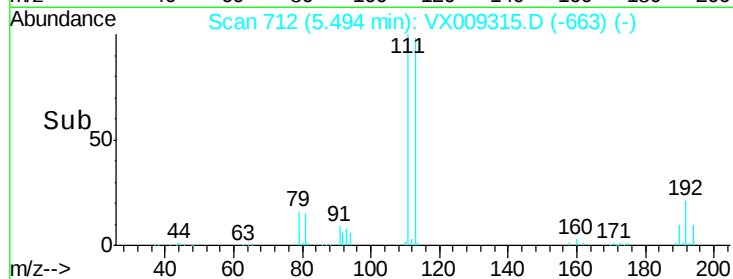
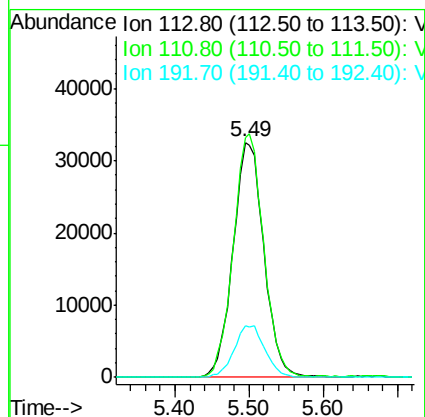
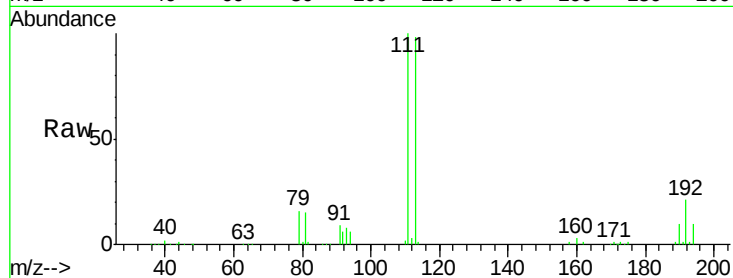




#35
 Dibromofluoromethane
 Concen: 48.559 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009315.D
 Acq: 03 May 2019 17:27

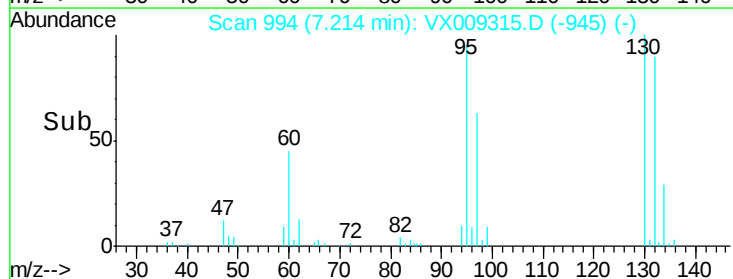
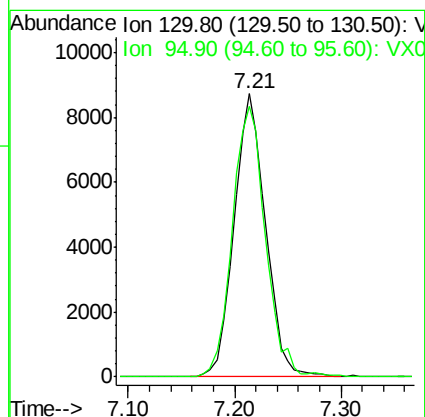
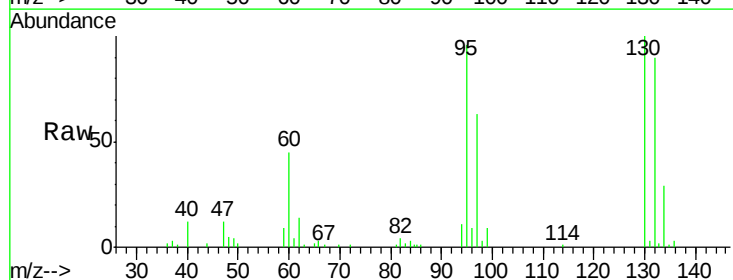
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW506-190430

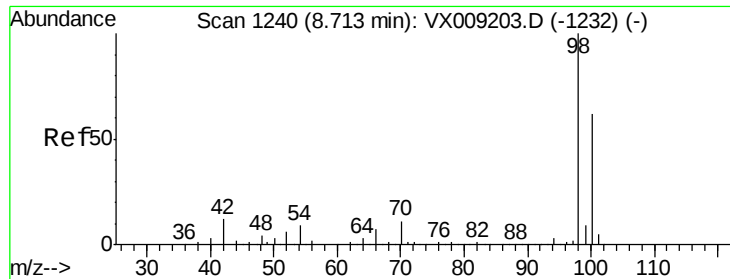
Tot Ion:113 Resp: 94528
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.8 124.2
 192 22.1 17.0 25.6



#44
 Trichloroethene
 Concen: 8.407 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009315.D
 Acq: 03 May 2019 17:27

Tgt Ion:130 Resp: 18100
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 199.2





#50

Toluene-d8

Concen: 49.109 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009315.D

Acq: 03 May 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

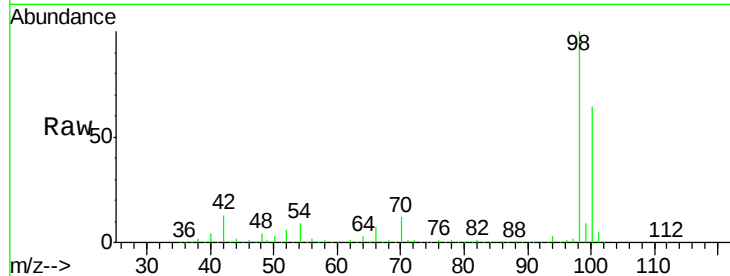
SS050MW506-190430

Tot Ion: 98 Resp: 385961

Ion Ratio Lower Upper

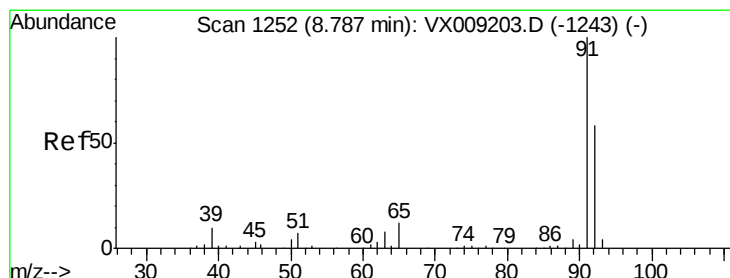
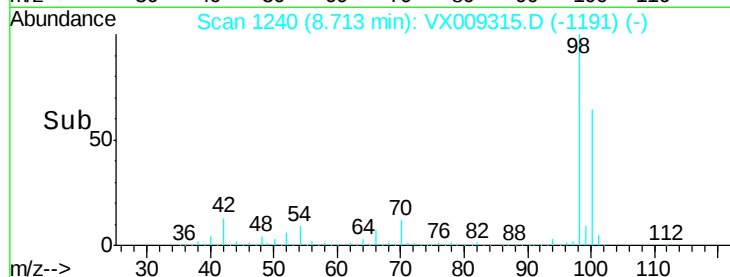
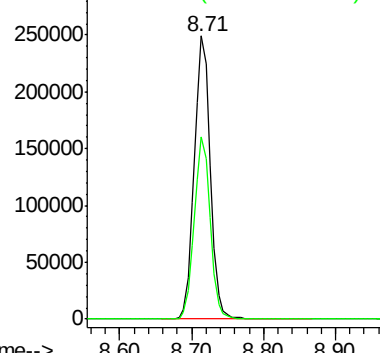
98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.647 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009315.D

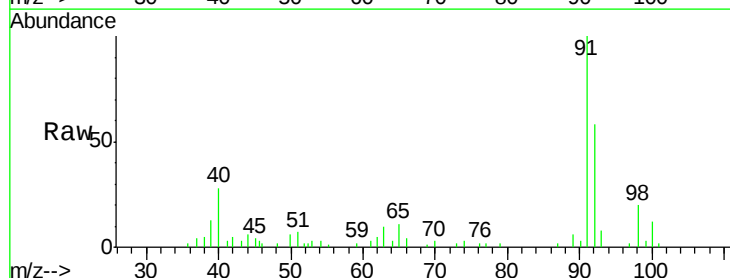
Acq: 03 May 2019 17:27

Tgt Ion: 92 Resp: 3505

Ion Ratio Lower Upper

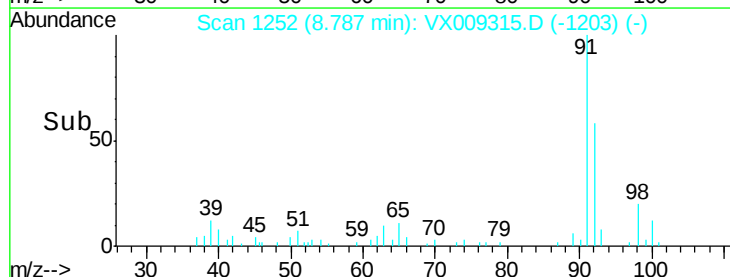
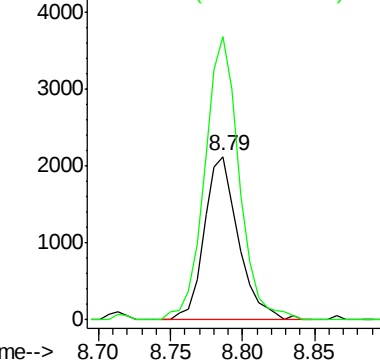
92 100

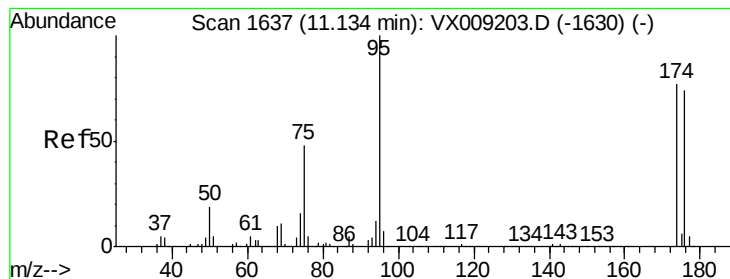
91 174.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.340 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009315.D

Acq: 03 May 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

SS050MW506-190430

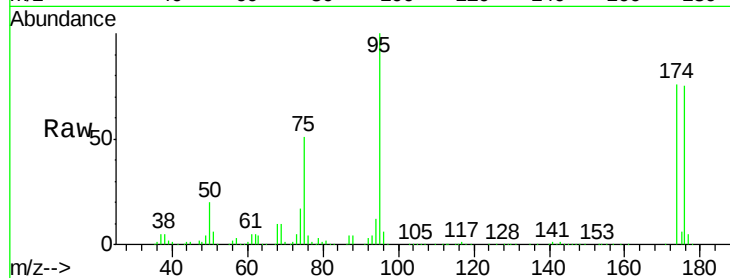
Tot Ion: 95 Resp: 126624

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

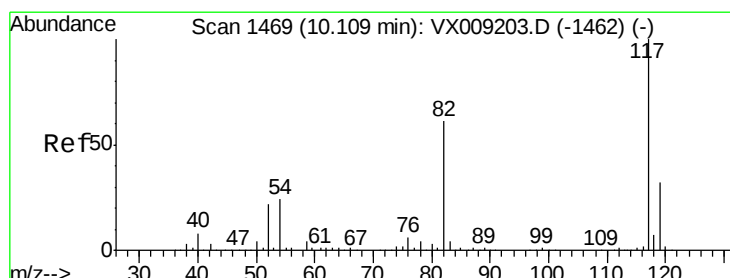
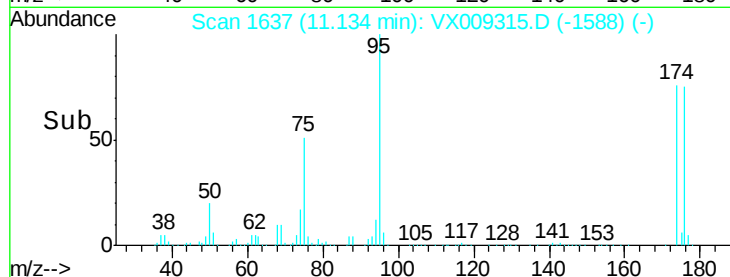
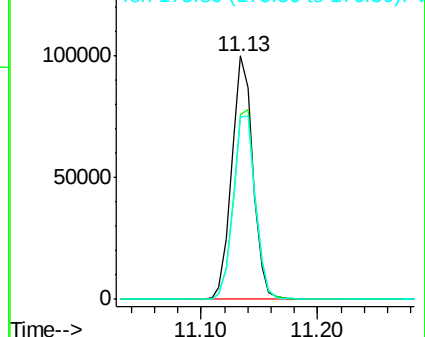
176 78.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009315.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009315.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009315.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009315.D

Acq: 03 May 2019 17:27

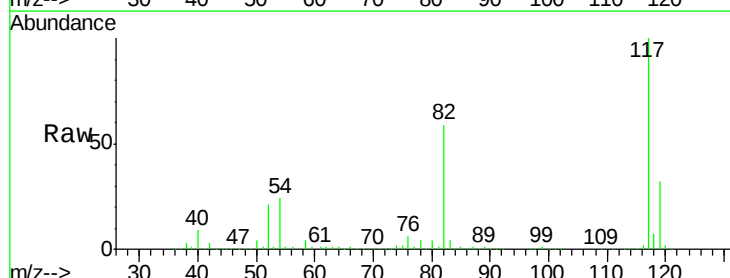
Tgt Ion: 117 Resp: 269403

Ion Ratio Lower Upper

117 100

82 59.5 48.8 73.2

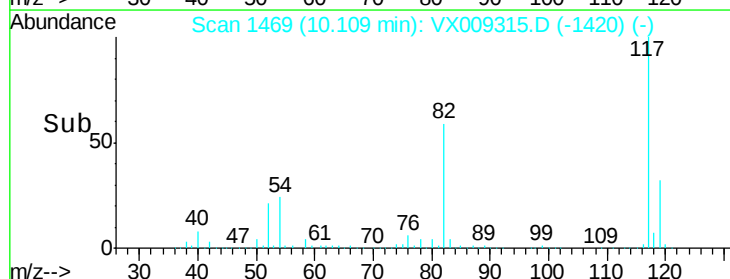
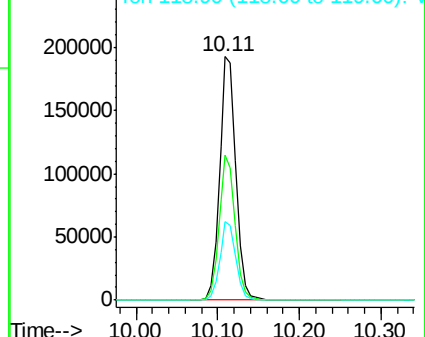
119 32.4 25.8 38.6

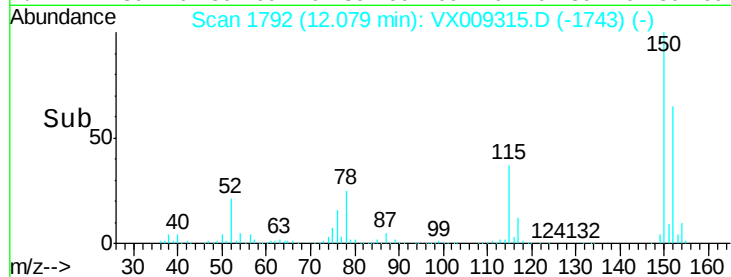
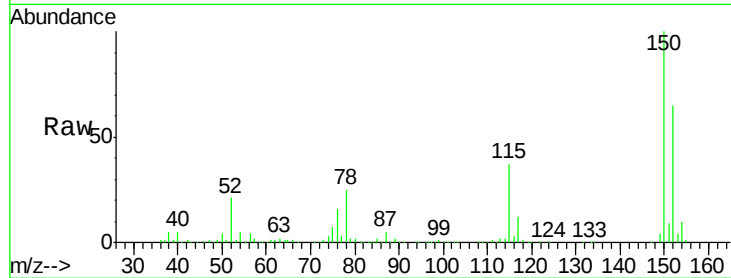
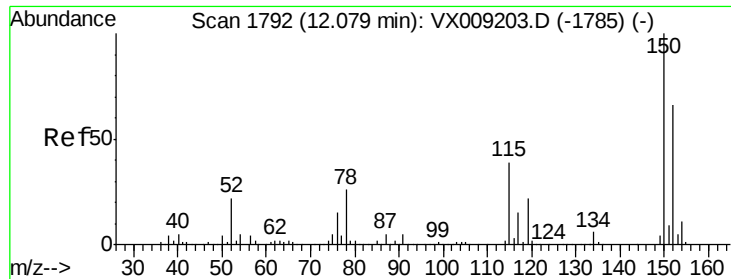


Abundance Ion 116.90 (116.60 to 117.60): VX009315.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009315.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009315.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009315.D

Acq: 03 May 2019 17:27

Instrument :

MSVOA_X

ClientSampleId :

SS050MW506-190430

Tot Ion:152 Resp: 110358

Ion Ratio Lower Upper

152 100

115 59.1 41.2 123.6

150 155.9 0.0 346.4

