

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010255.D
 Acq On : 12 Jun 2019 16:58
 Operator : JC/SP
 Sample : K3309-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW161-190611

Quant Time: Jun 13 03:11:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

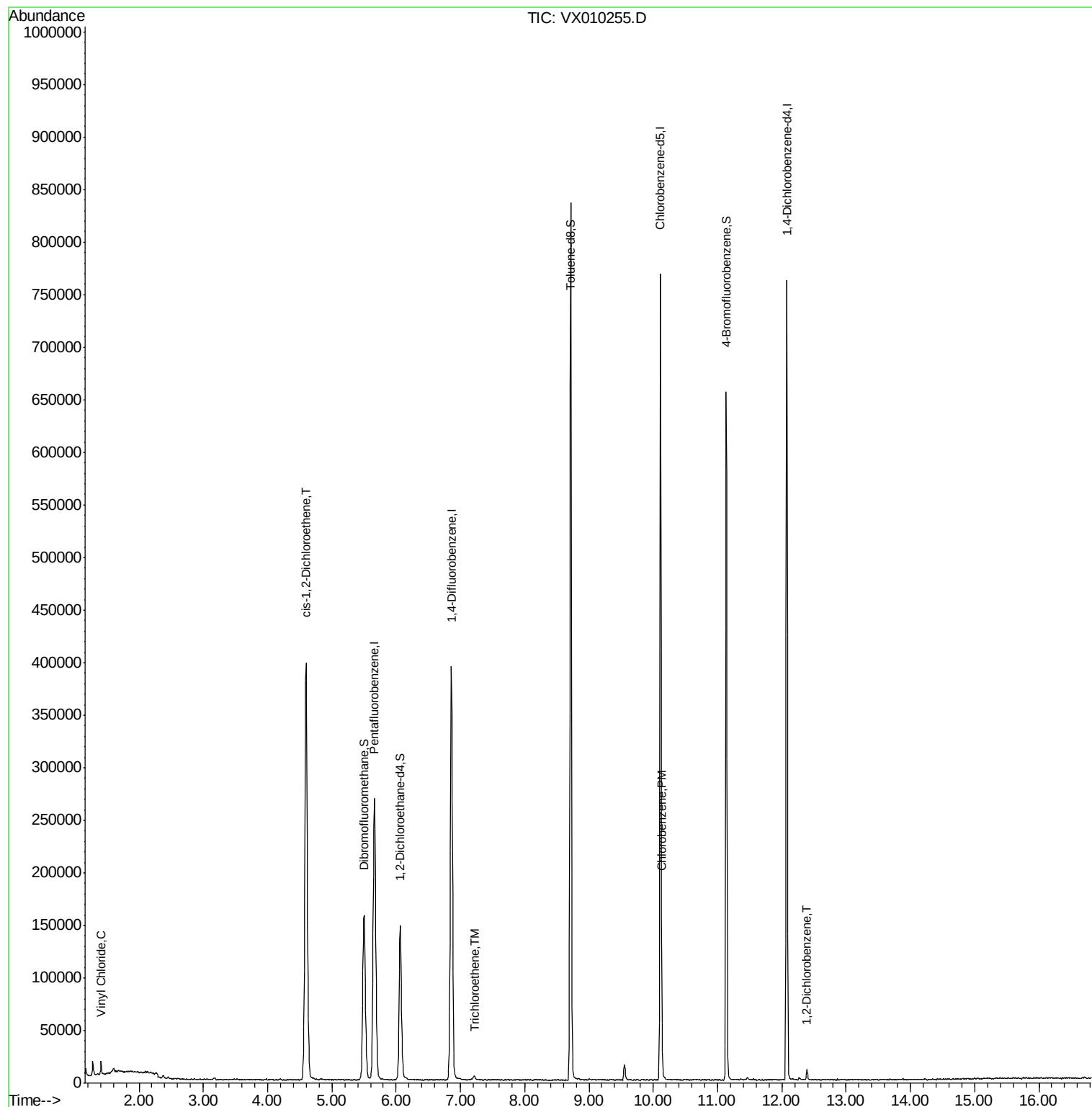
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	443417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	385072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130987	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
35) Dibromofluoromethane	5.50	113	136646	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	511496	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	165812	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.62%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	7802	3.116	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	278752	86.476	ug/l	69
44) Trichloroethene	7.22	130	1257	0.373	ug/l	74
65) Chlorobenzene	10.13	112	8173	1.028	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	3245	0.565	ug/l	97

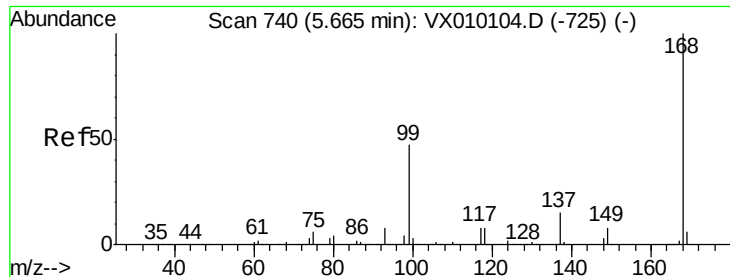
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 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: VX010255.D

Acq: 12 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

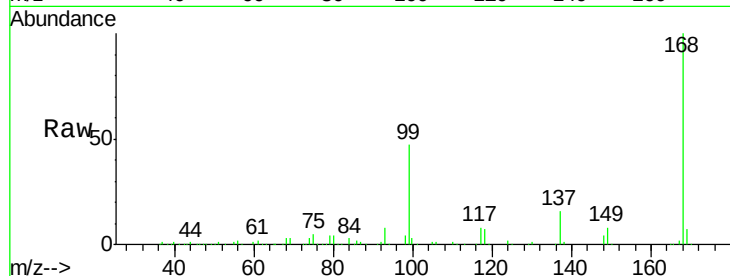
LF012RW161-190611

Tot Ion:168 Resp: 291500

Ion Ratio Lower Upper

168 100

99 46.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

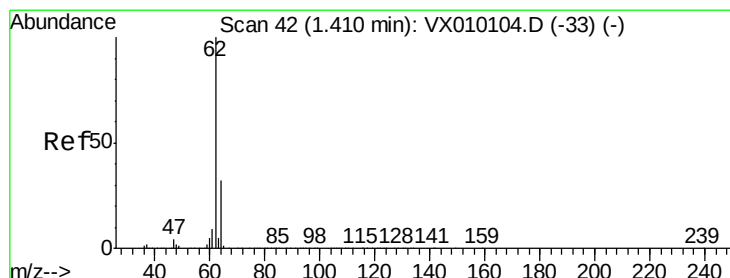
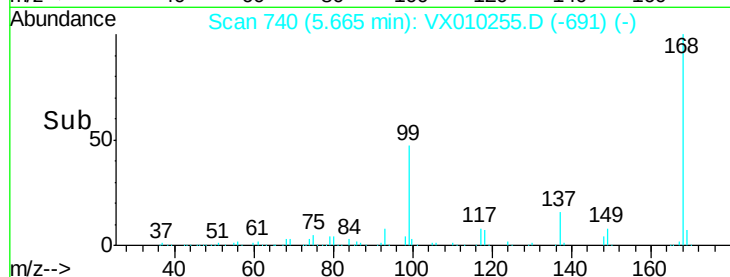
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.116 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010255.D

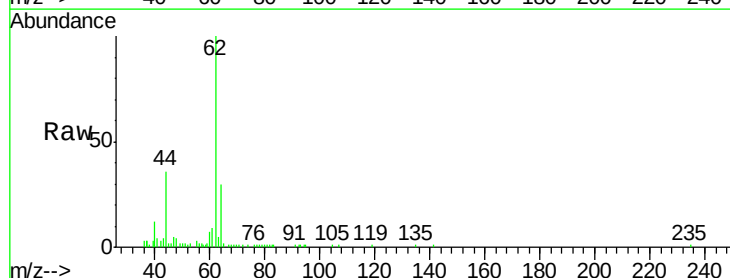
Acq: 12 Jun 2019 16:58

Tgt Ion: 62 Resp: 7802

Ion Ratio Lower Upper

62 100

64 27.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

8000

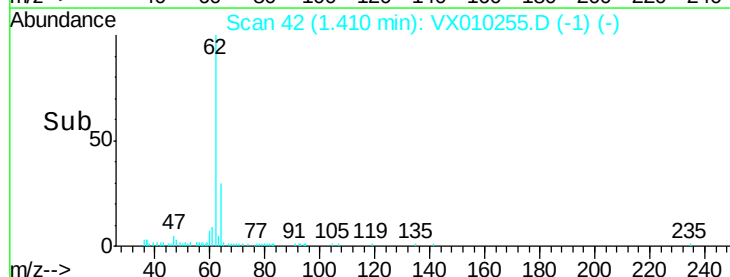
6000

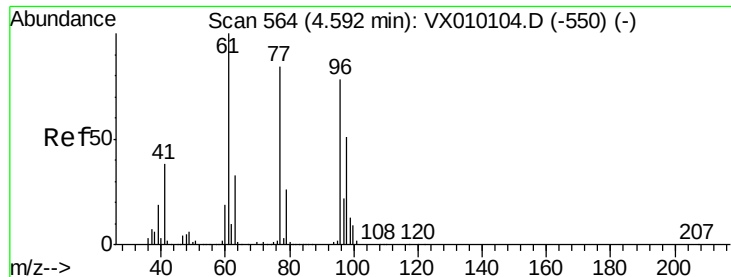
4000

2000

0

Time--> 1.35 1.40 1.45



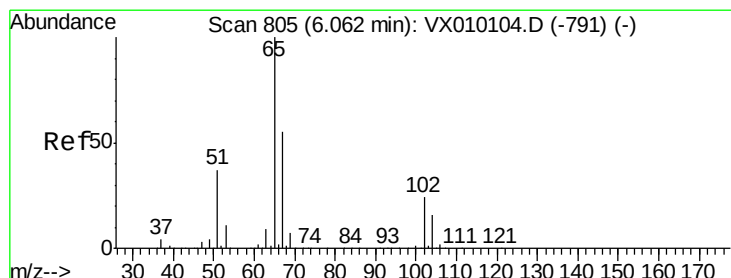
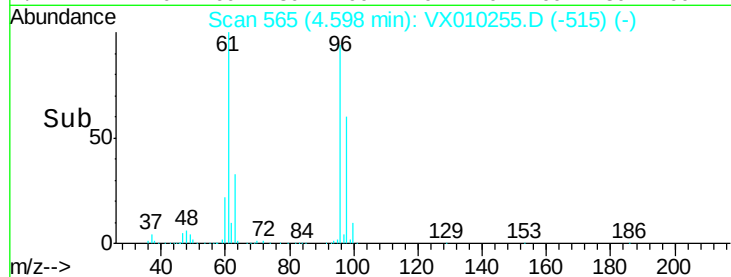
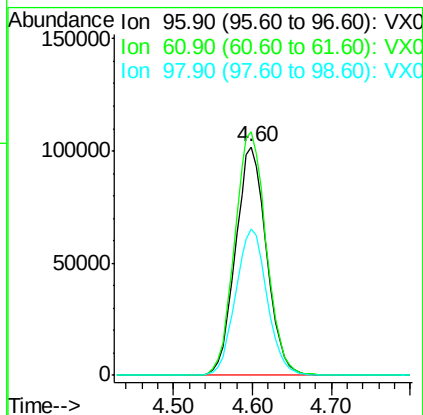
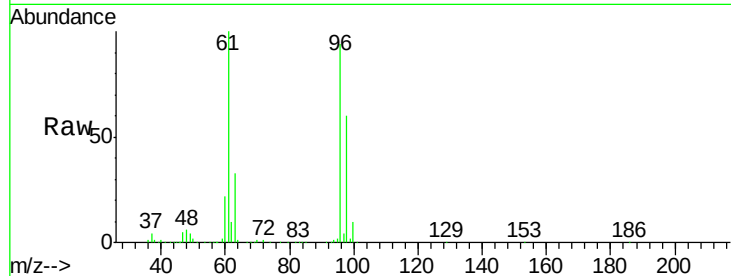


#27

cis-1,2-Dichloroethene
 Concen: 86.476 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX010255.D
 Acq: 12 Jun 2019 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW161-190611

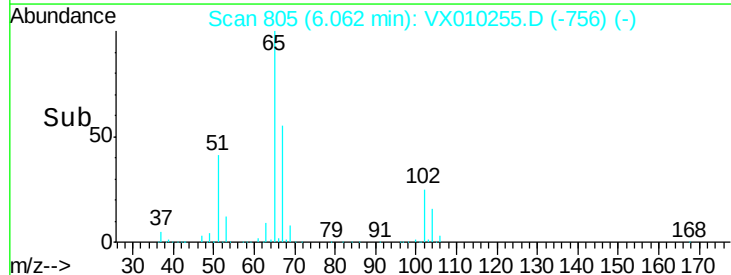
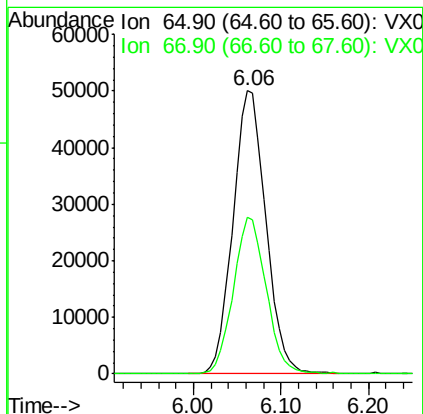
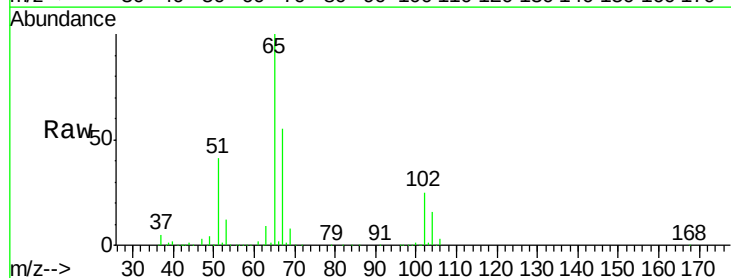
Tot Ion	Ratio	Lower	Upper
96	100		
61	108.8	0.0	334.0
98	64.9	0.0	131.6

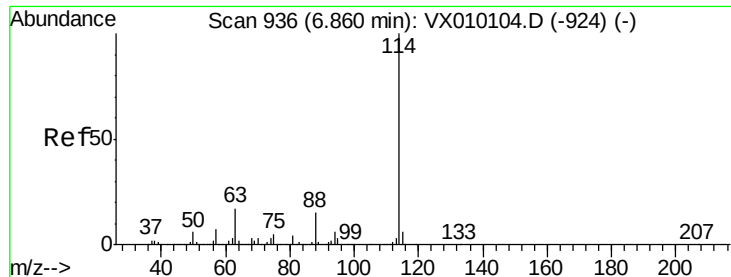


#33

1,2-Dichloroethane-d4
 Concen: 46.035 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010255.D
 Acq: 12 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	108.4

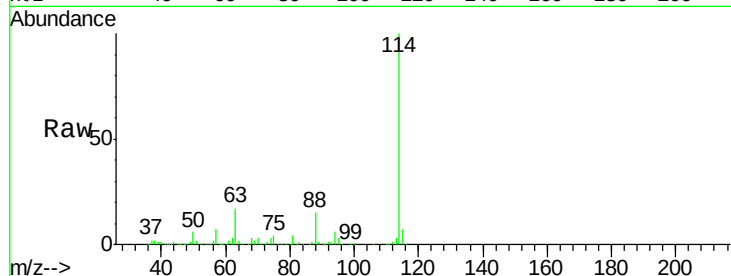




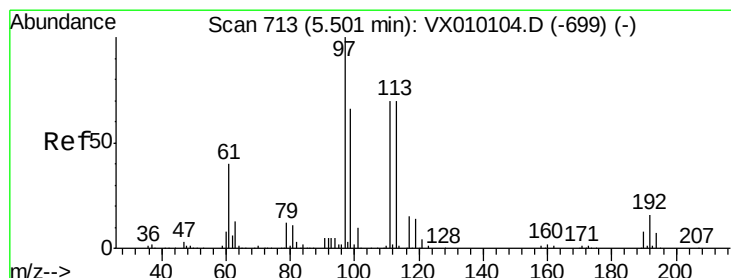
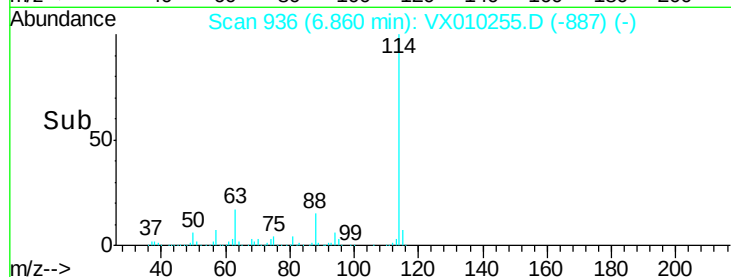
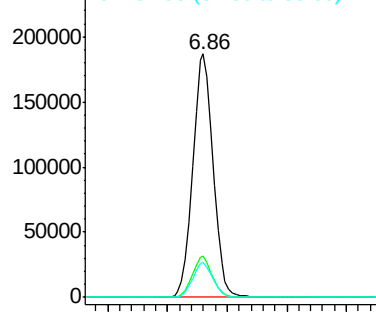
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010255.D
 Acq: 12 Jun 2019 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW161-190611

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	47.4
88	14.5	0.0	33.0

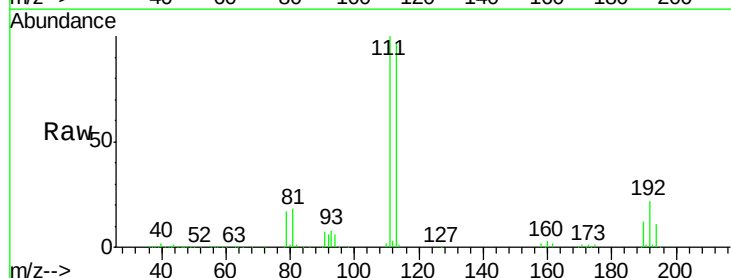


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

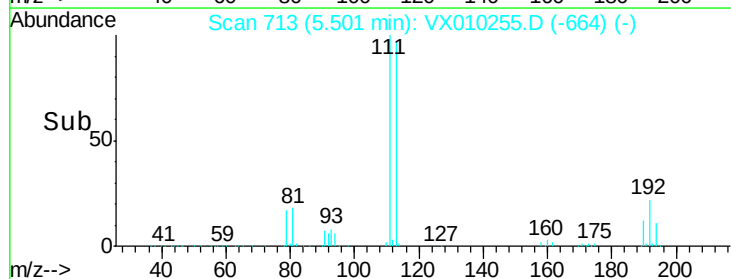
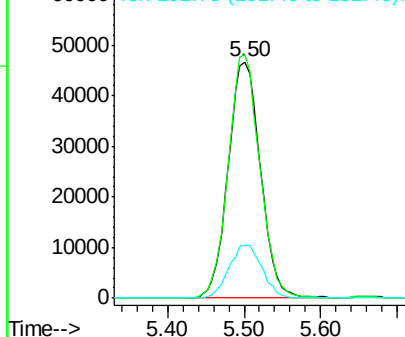


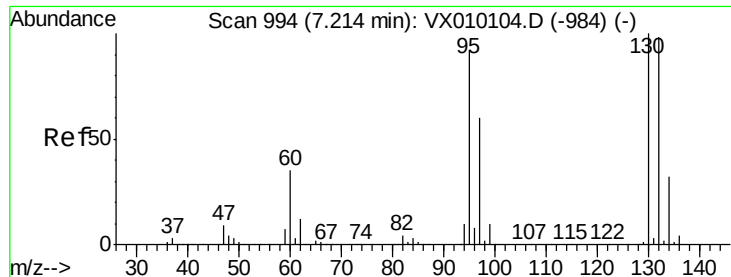
#35
 Dibromofluoromethane
 Concen: 49.960 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010255.D
 Acq: 12 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.2	123.2
192	23.0	17.1	25.7



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: 0.373 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010255.D

Acq: 12 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

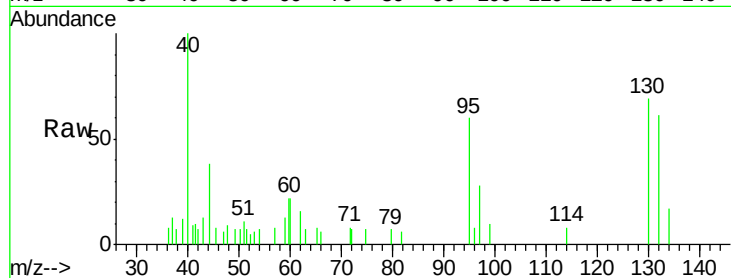
LF012RW161-190611

Tot Ion:130 Resp: 1257

Ion Ratio Lower Upper

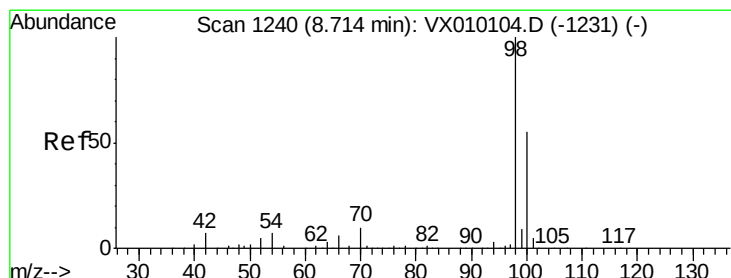
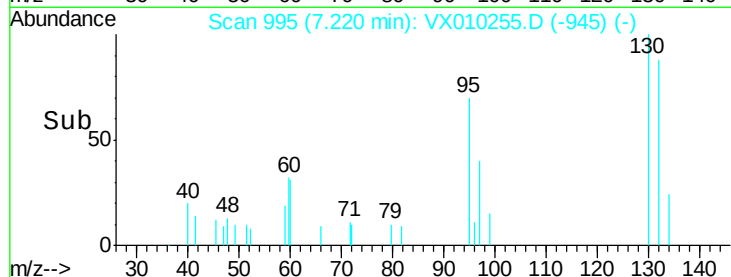
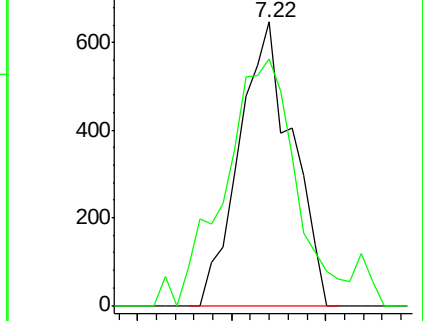
130 100

95 77.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.899 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010255.D

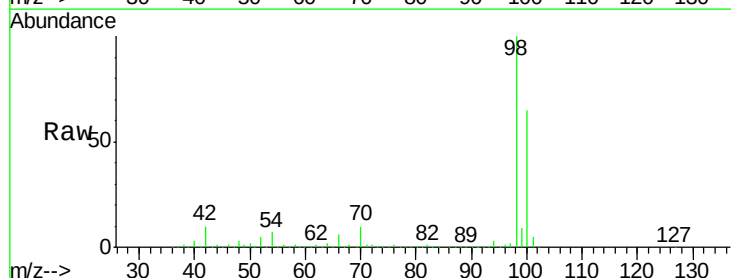
Acq: 12 Jun 2019 16:58

Tgt Ion: 98 Resp: 511496

Ion Ratio Lower Upper

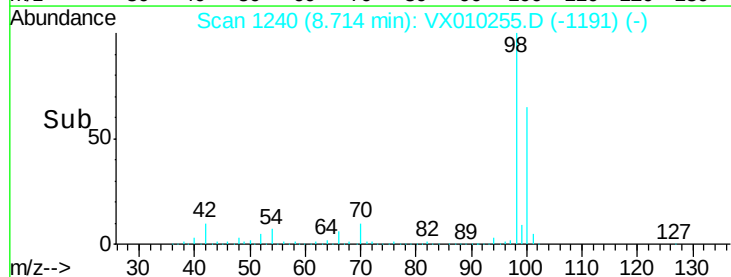
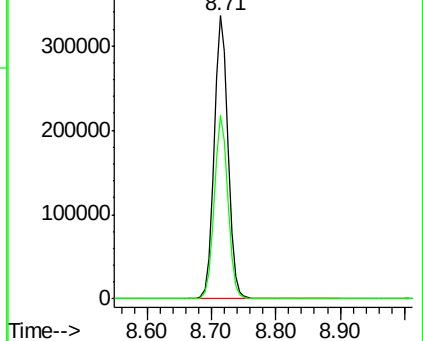
98 100

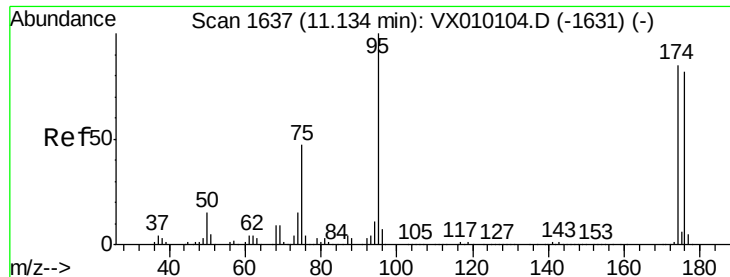
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.313 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010255.D

Acq: 12 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

LF012RW161-190611

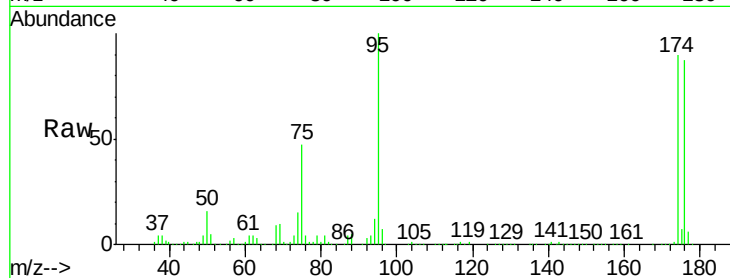
Tot Ion: 95 Resp: 165812

Ion Ratio Lower Upper

95 100

174 95.6 0.0 160.4

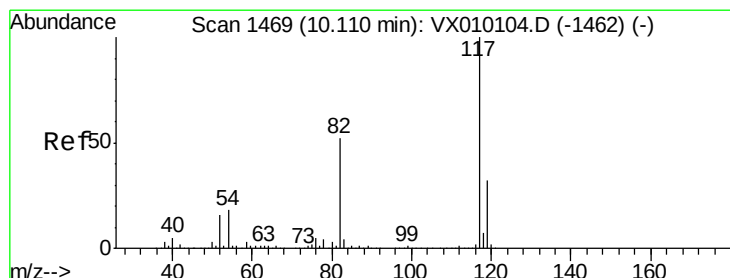
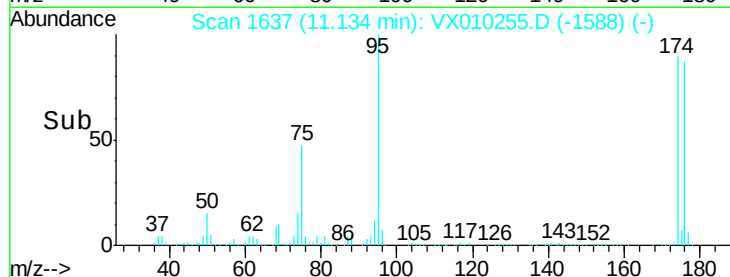
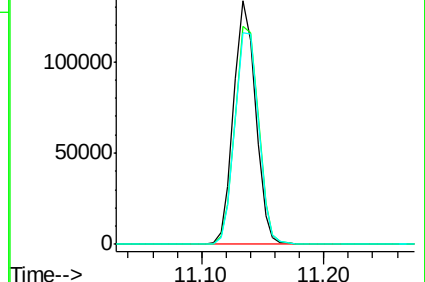
176 93.5 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010255.D

Acq: 12 Jun 2019 16:58

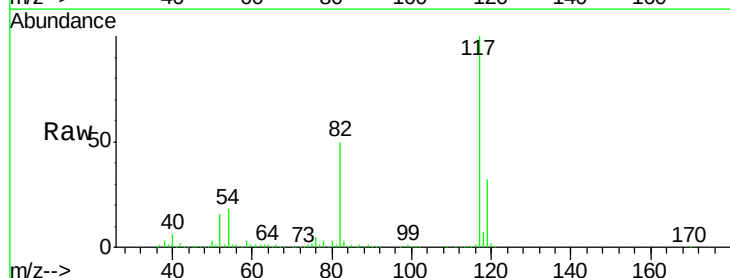
Tgt Ion: 117 Resp: 385072

Ion Ratio Lower Upper

117 100

82 49.5 49.2 73.8

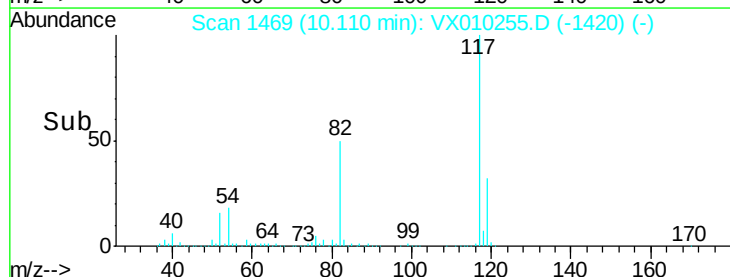
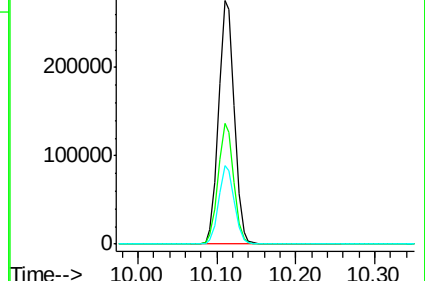
119 32.0 25.2 37.8

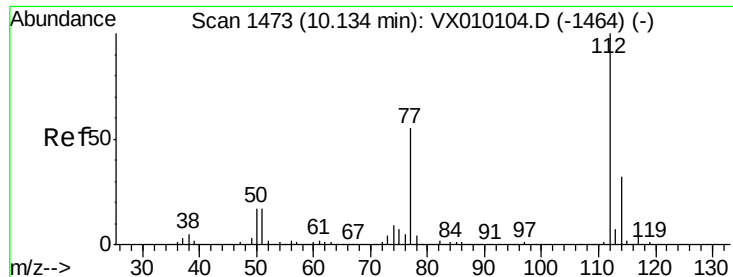


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

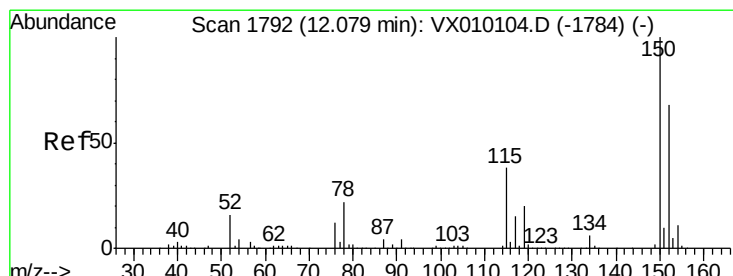
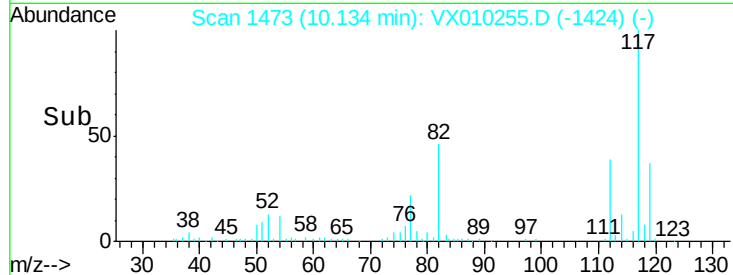
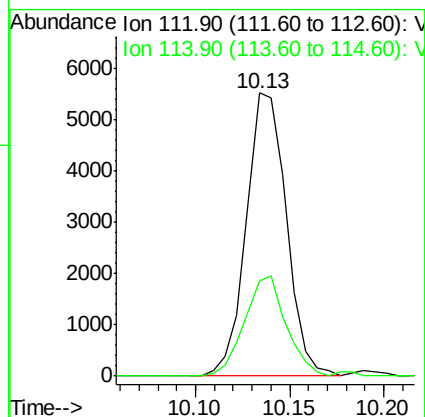
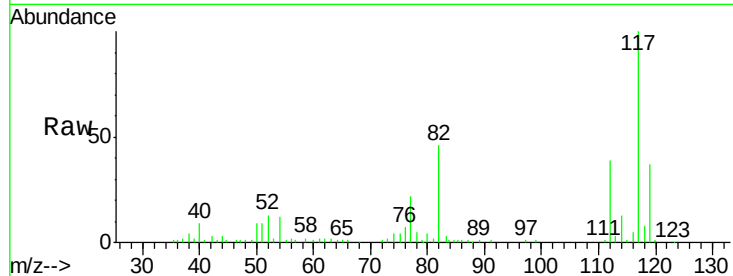




#65
Chlorobenzene
Concen: 1.028 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010255.D
Acq: 12 Jun 2019 16:58

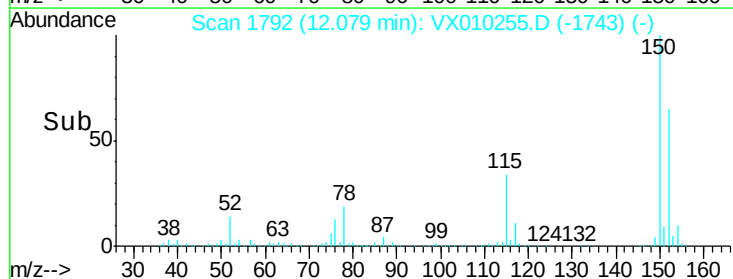
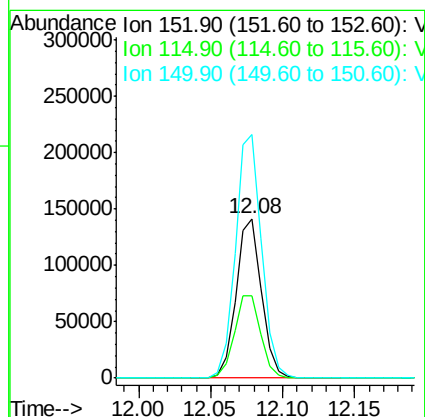
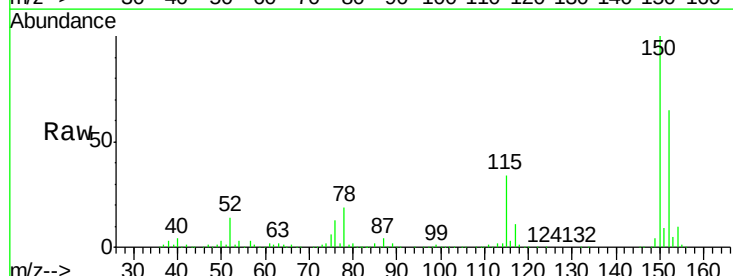
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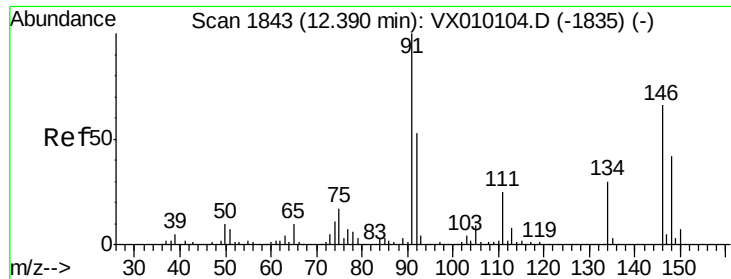
Tot Ion:112 Resp: 8173
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010255.D
Acq: 12 Jun 2019 16:58

Tgt Ion:152 Resp: 174744
Ion Ratio Lower Upper
152 100
115 53.9 41.4 124.2
150 156.6 0.0 345.2





#91

1,2-Dichlorobenzene

Concen: 0.565 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010255.D

Acq: 12 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

LF012RW161-190611

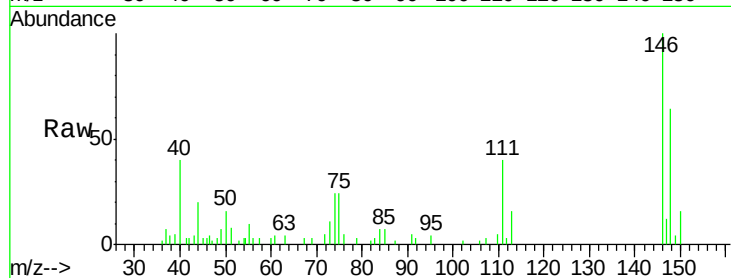
Tot Ion:146 Resp: 3245

Ion Ratio Lower Upper

146 100

111 38.0 21.1 63.1

148 65.5 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

