

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010036.D
 Acq On : 03 Jun 2019 15:14
 Operator : JC/SP
 Sample : K3131-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-190530

Quant Time: Jun 04 04:39:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

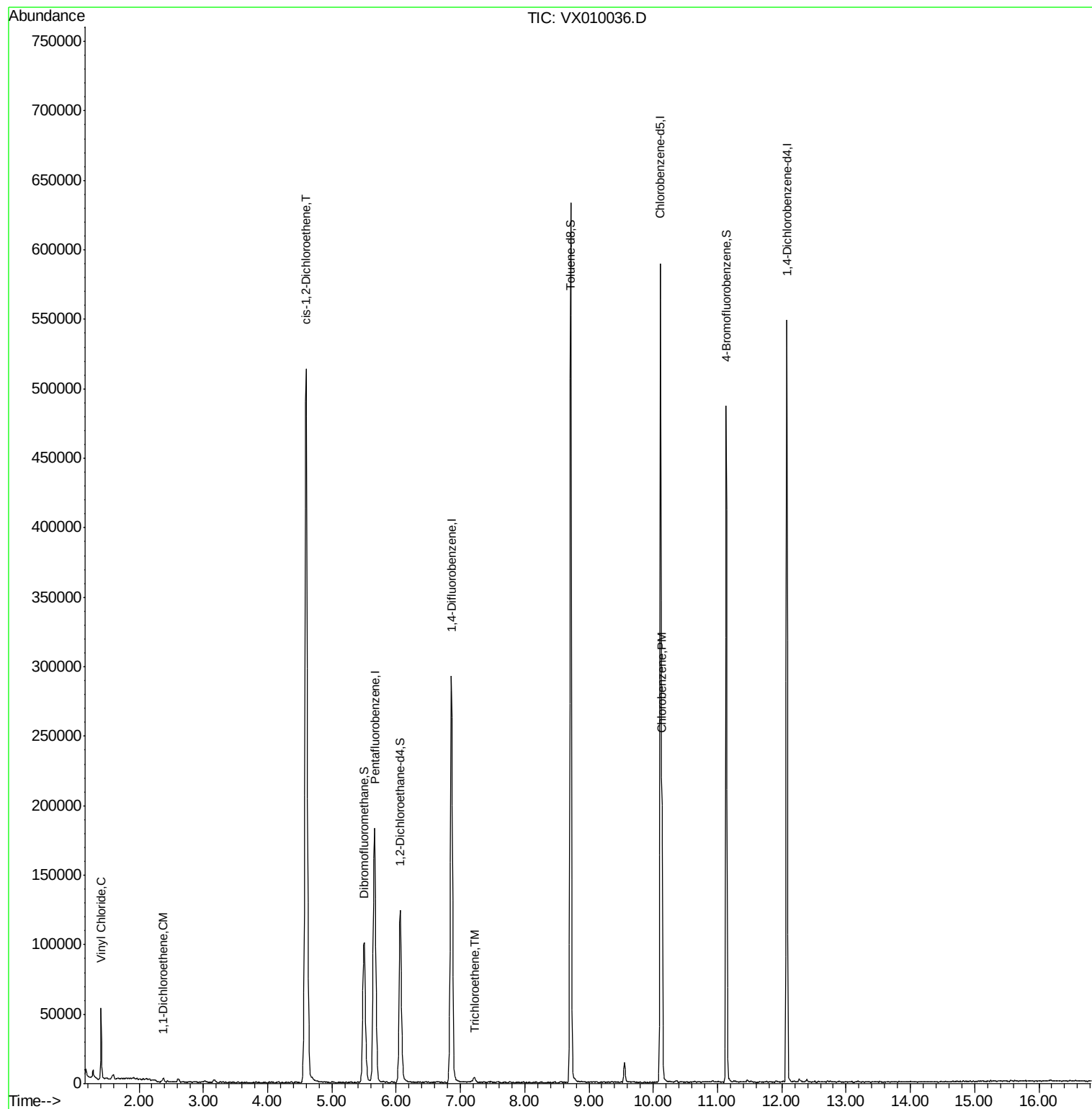
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117061	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
35) Dibromofluoromethane	5.50	113	88123	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	8.71	98	363940	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	123078	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						
4) Vinyl Chloride	1.41	62	33079	12.325	ug/l	99
12) 1,1-Dichloroethene	2.37	96	1041	0.567	ug/l #	68
27) cis-1,2-Dichloroethene	4.60	96	314334	133.341	ug/l	87
44) Trichloroethene	7.22	130	1264	0.611	ug/l	94
65) Chlorobenzene	10.13	112	73963	13.734	ug/l	99

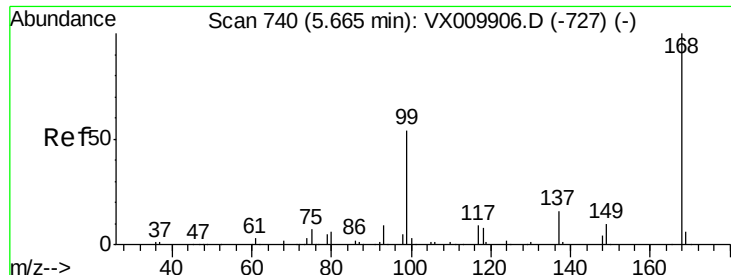
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 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: VX010036.D

Acq: 03 Jun 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

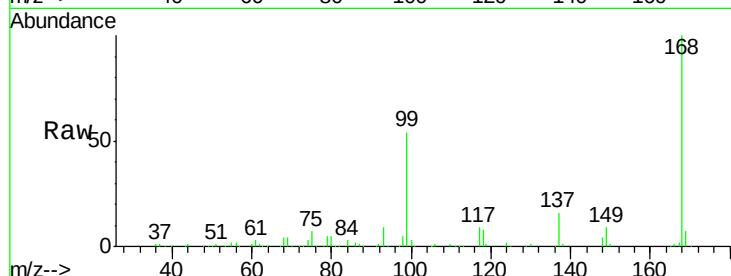
LF014RW131-190530

Tot Ion:168 Resp: 181233

Ion Ratio Lower Upper

168 100

99 53.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

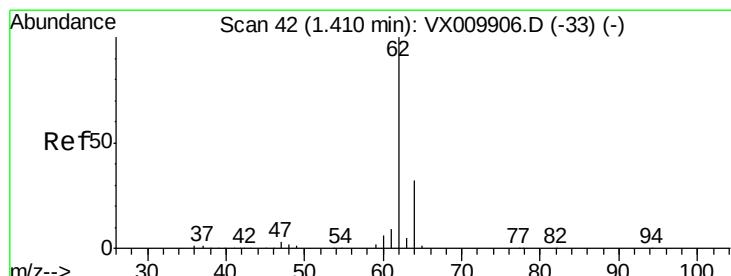
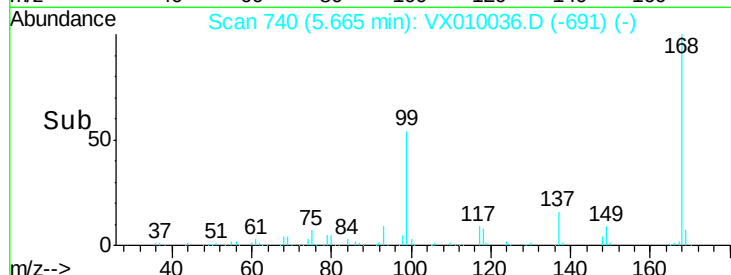
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 12.325 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010036.D

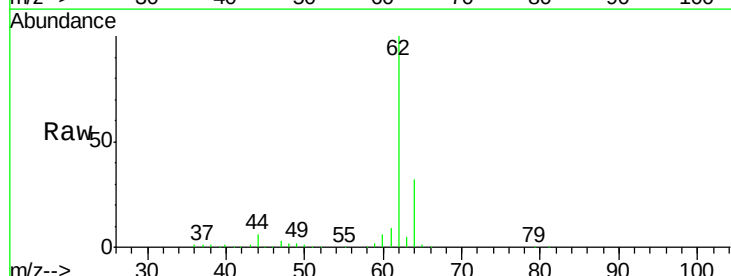
Acq: 03 Jun 2019 15:14

Tgt Ion: 62 Resp: 33079

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

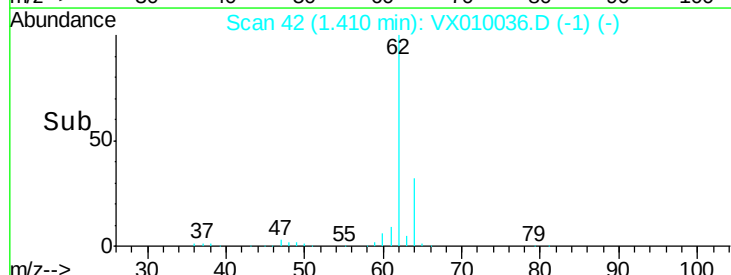
30000

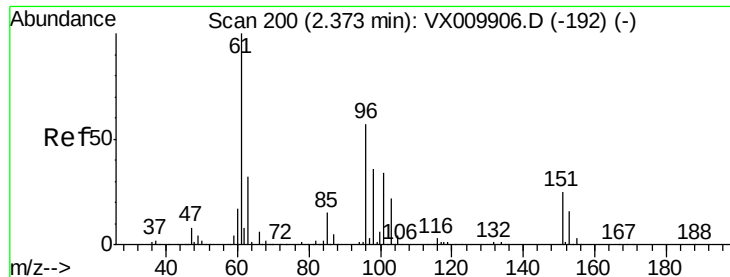
20000

10000

0

Time--> 1.35 1.40 1.45

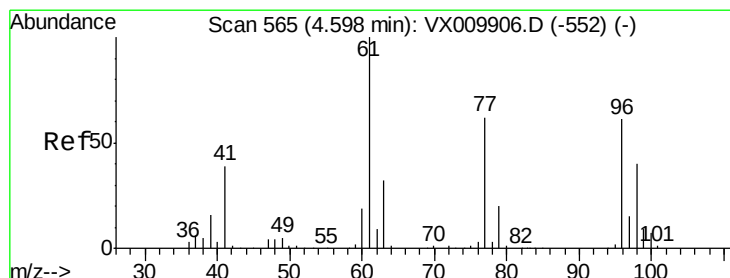
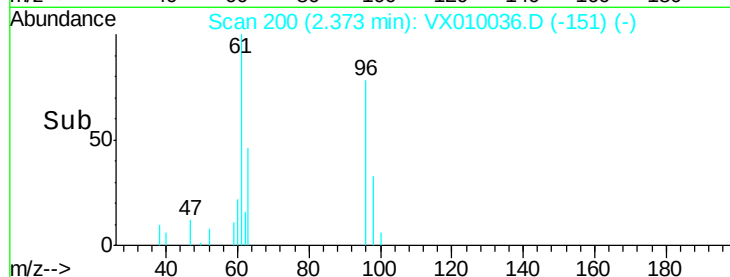
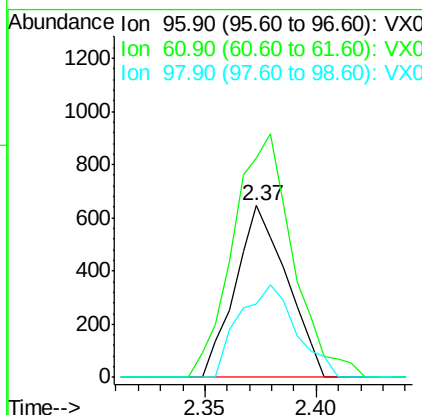
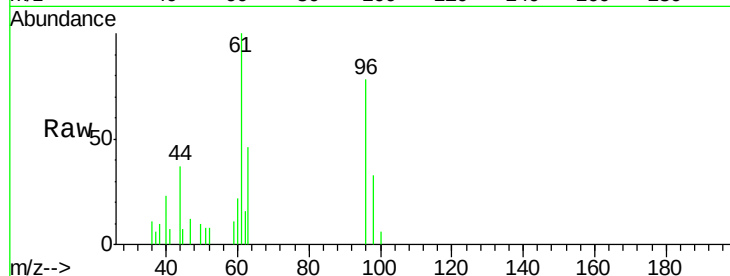




#12
 1,1-Dichloroethene
 Concen: 0.567 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010036.D
 Acq: 03 Jun 2019 15:14

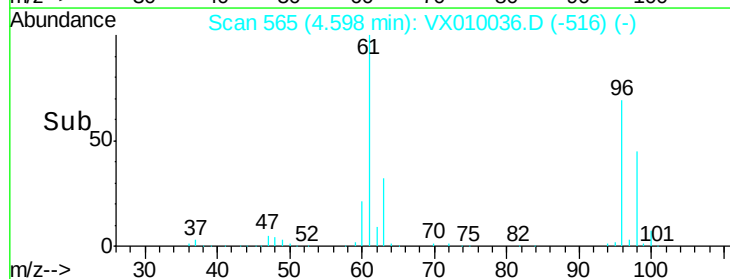
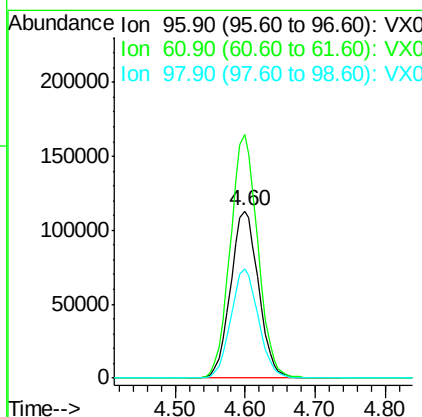
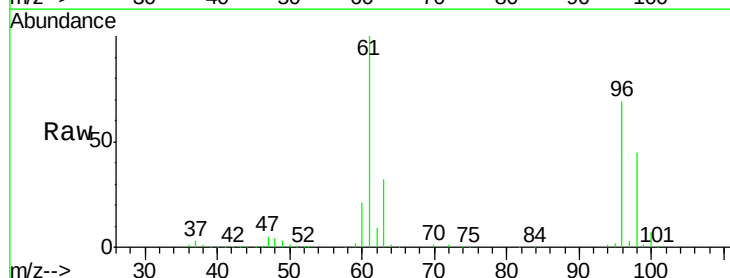
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-190530

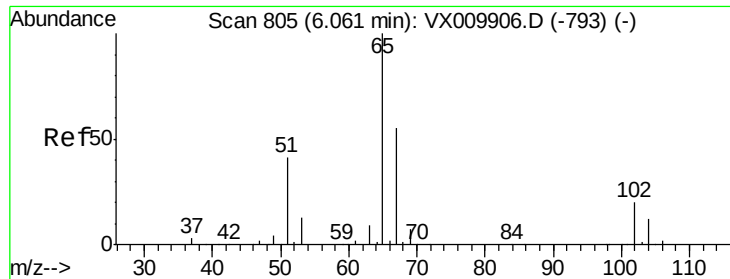
Tot Ion: 96 Resp: 1041
 Ion Ratio Lower Upper
 96 100
 61 127.9 140.7 211.1#
 98 42.7 50.1 75.1#



#27
 cis-1,2-Dichloroethene
 Concen: 133.341 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010036.D
 Acq: 03 Jun 2019 15:14

Tgt Ion: 96 Resp: 314334
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 334.0
 98 64.6 0.0 131.6





#33

1,2-Dichloroethane-d4

Concen: 45.726 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010036.D

Acq: 03 Jun 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

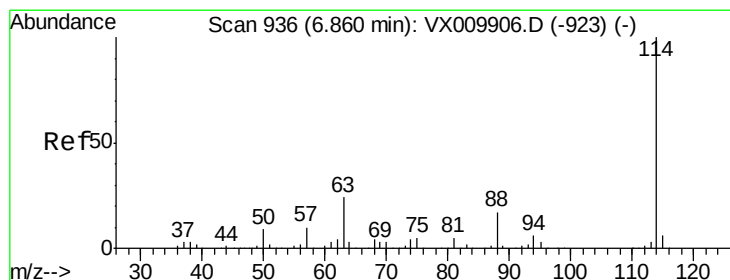
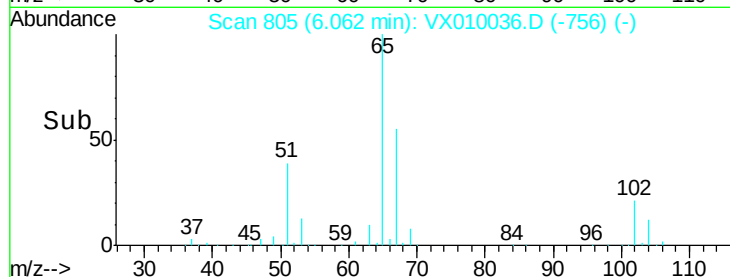
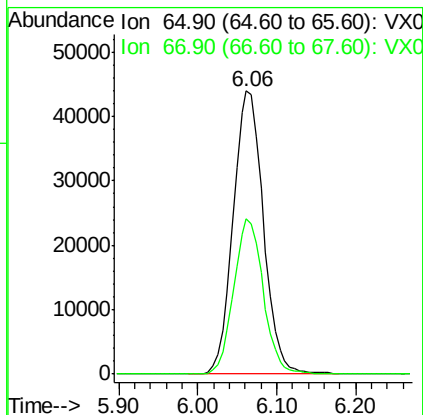
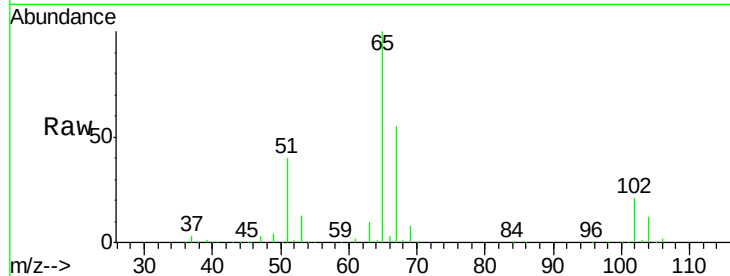
LF014RW131-190530

Tot Ion: 65 Resp: 117061

Ion Ratio Lower Upper

65 100

67 53.7 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: VX010036.D

Acq: 03 Jun 2019 15:14

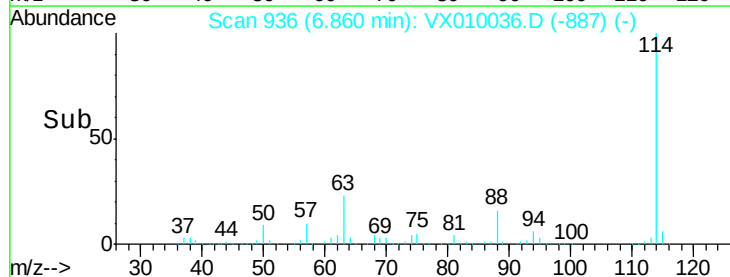
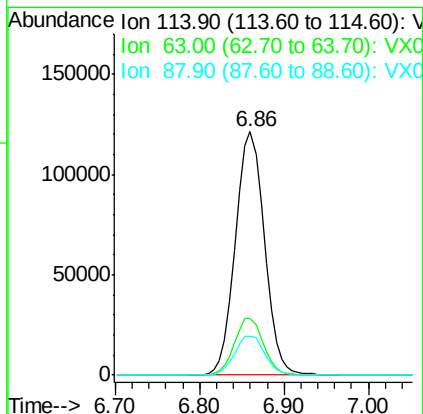
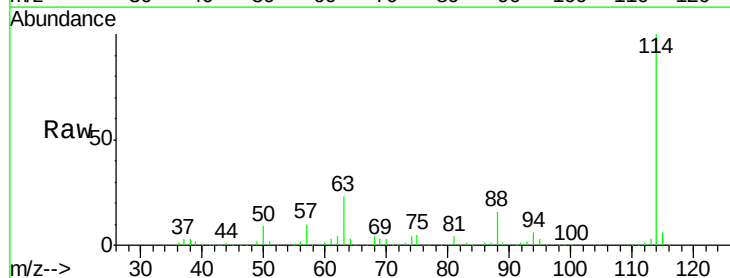
Tgt Ion: 114 Resp: 283173

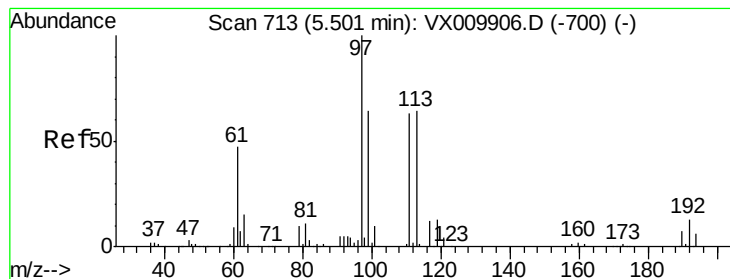
Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.4

88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.499 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010036.D

Acq: 03 Jun 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-190530

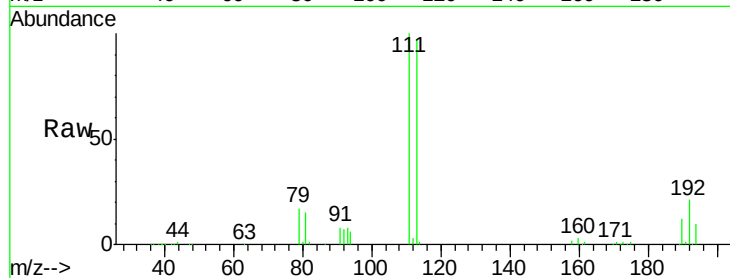
Tot Ion:113 Resp: 88123

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

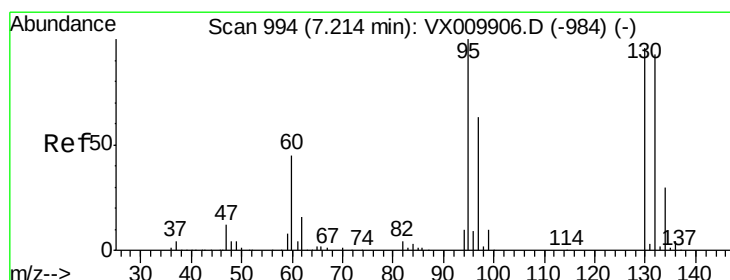
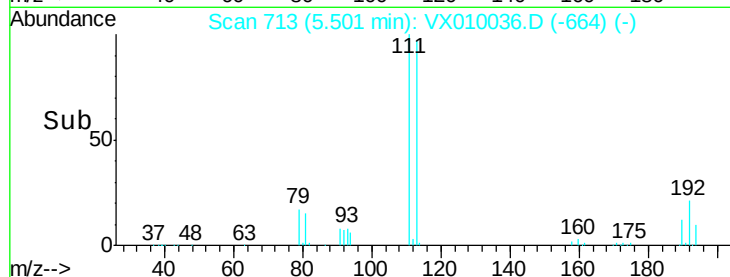
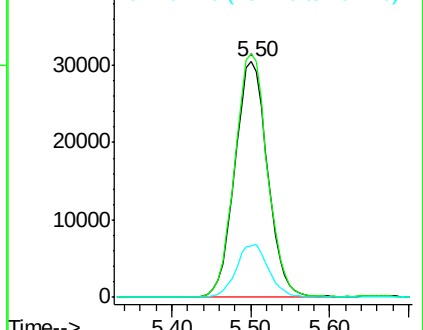
192 22.2 17.1 25.7



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: 0.611 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010036.D

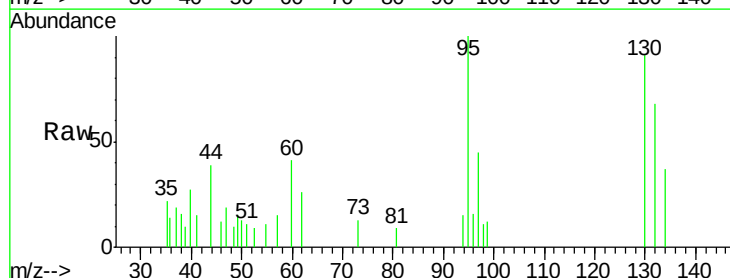
Acq: 03 Jun 2019 15:14

Tgt Ion:130 Resp: 1264

Ion Ratio Lower Upper

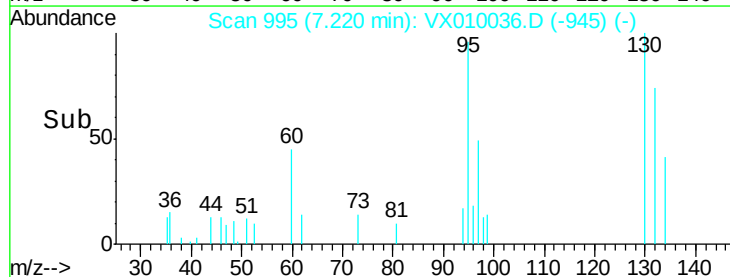
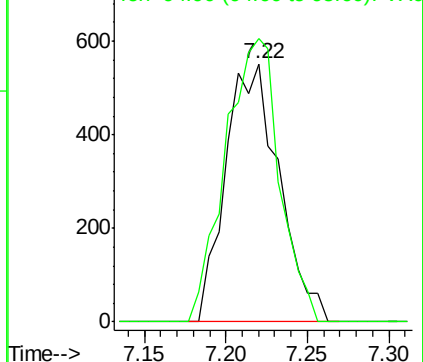
130 100

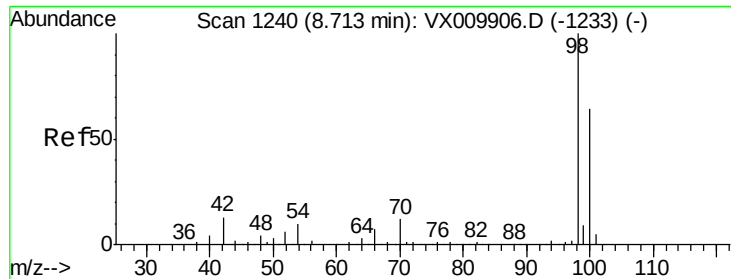
95 109.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.341 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010036.D

Acq: 03 Jun 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

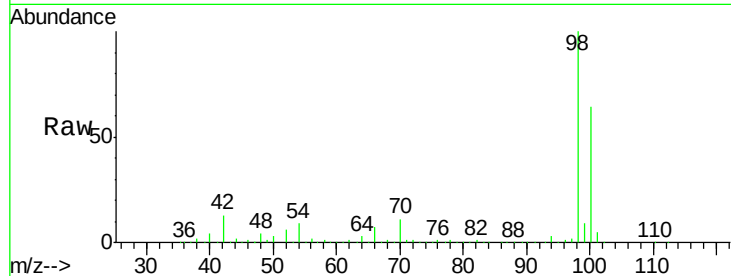
LF014RW131-190530

Tot Ion: 98 Resp: 363940

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

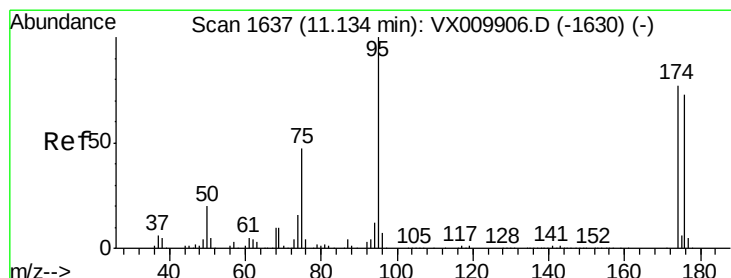
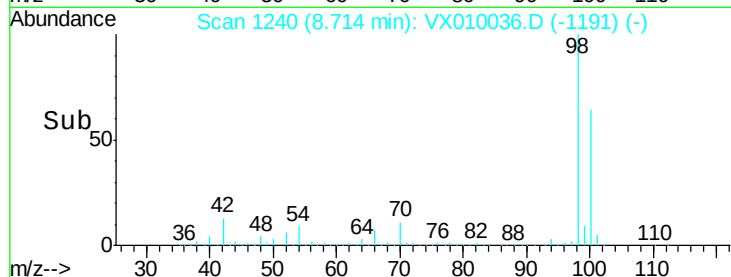
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.398 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010036.D

Acq: 03 Jun 2019 15:14

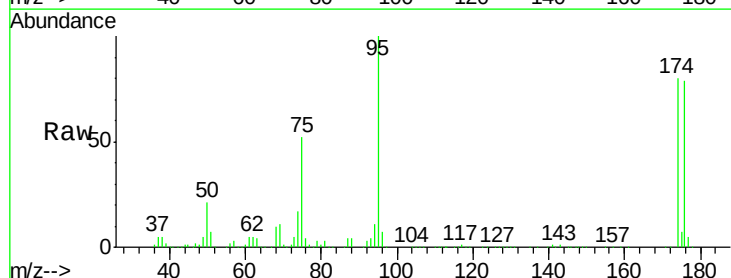
Tgt Ion: 95 Resp: 123078

Ion Ratio Lower Upper

95 100

174 82.9 0.0 160.4

176 80.8 0.0 154.6



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

100000

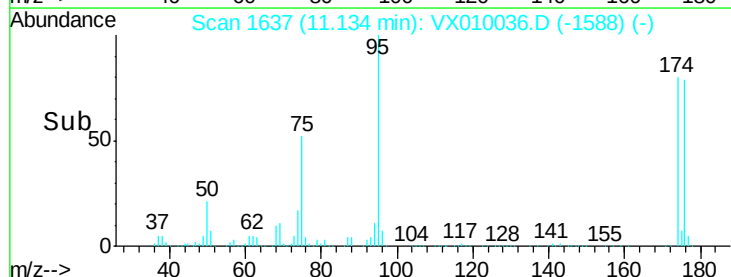
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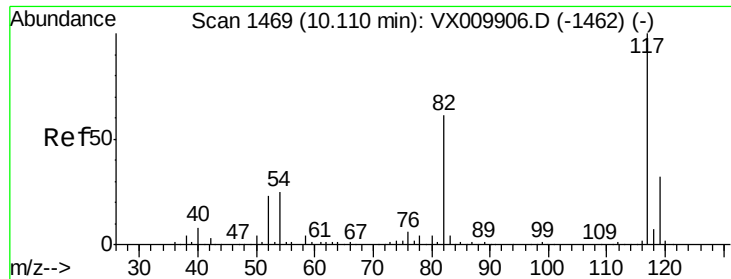
0

11.10

11.20

Time-->

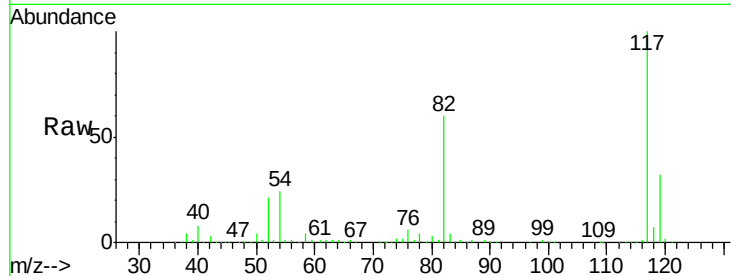




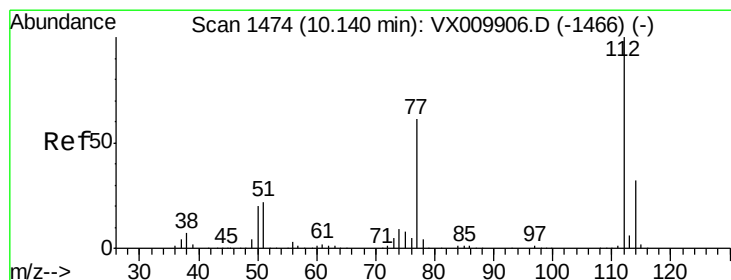
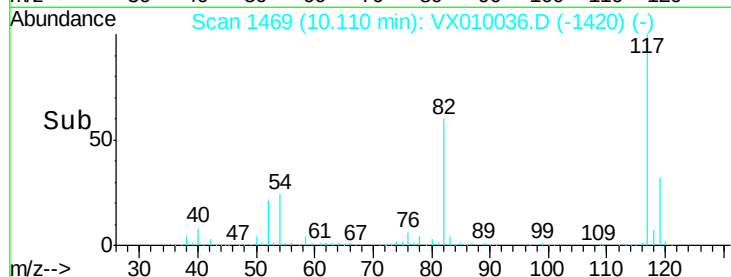
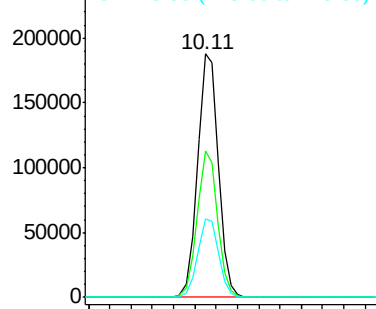
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010036.D
Acq: 03 Jun 2019 15:14

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-190530

Tot Ion:117 Resp: 257241
Ion Ratio Lower Upper
117 100
82 60.2 49.2 73.8
119 32.4 25.2 37.8

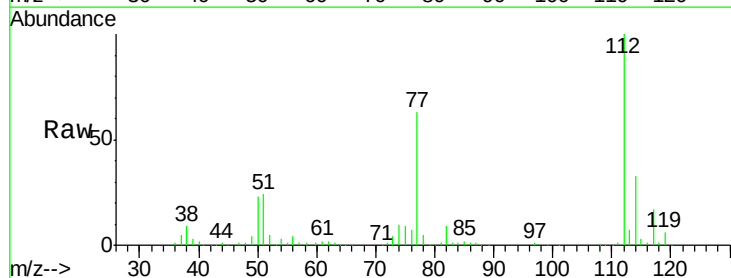


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

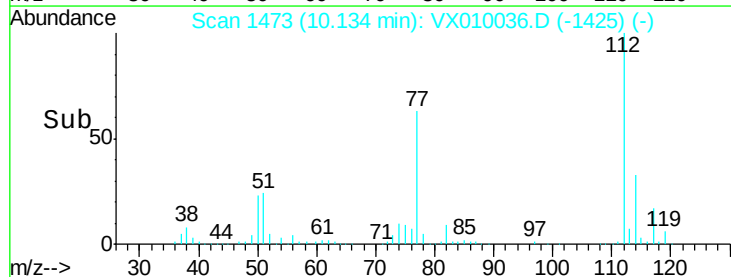
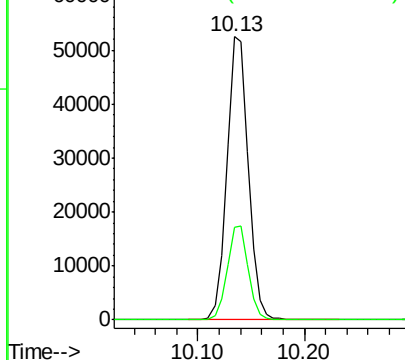


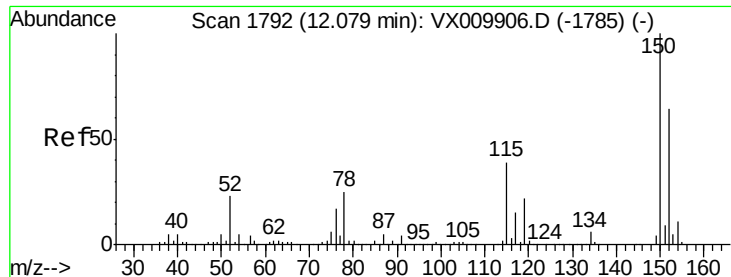
#65
Chlorobenzene
Concen: 13.734 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010036.D
Acq: 03 Jun 2019 15:14

Tgt Ion:112 Resp: 73963
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX010036.D

Acq: 03 Jun 2019 15:14

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-190530

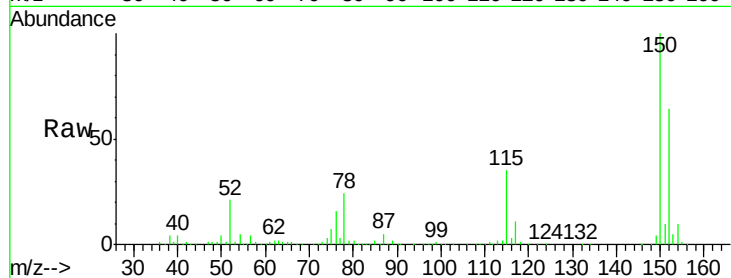
Tot Ion:152 Resp: 114161

Ion Ratio Lower Upper

152 100

115 57.7 41.4 124.2

150 156.5 0.0 345.2



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

