

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010253.D
 Acq On : 12 Jun 2019 16:11
 Operator : JC/SP
 Sample : K3309-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF016MW001-190610

Quant Time: Jun 13 02:27:00 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

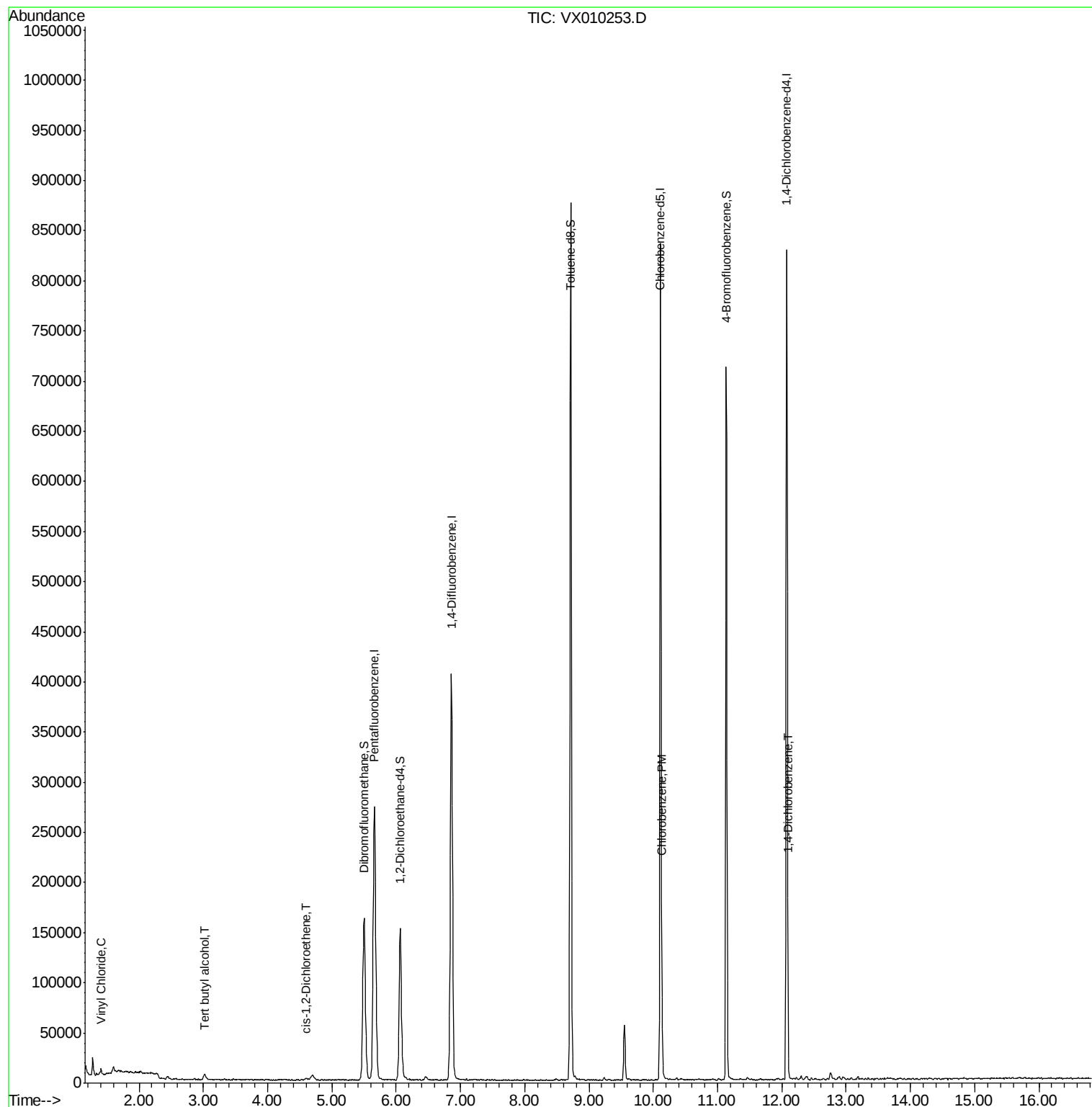
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	451017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	406036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135967	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
35) Dibromofluoromethane	5.50	113	138169	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	8.71	98	529510	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	181995	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
Target Compounds						
4) Vinyl Chloride	1.40	62	3213	1.258	ug/l	91
11) Tert butyl alcohol	3.03	59	4326	6.084	ug/l #	85
27) cis-1,2-Dichloroethene	4.60	96	1450	0.441	ug/l	72
65) Chlorobenzene	10.13	112	20453	2.441	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	7863	1.197	ug/l #	81

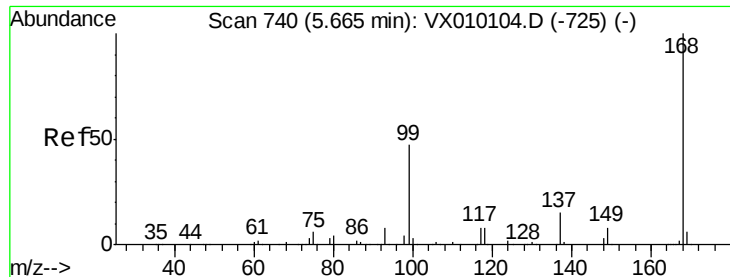
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 13 02:27:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
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: VX010253.D

Acq: 12 Jun 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

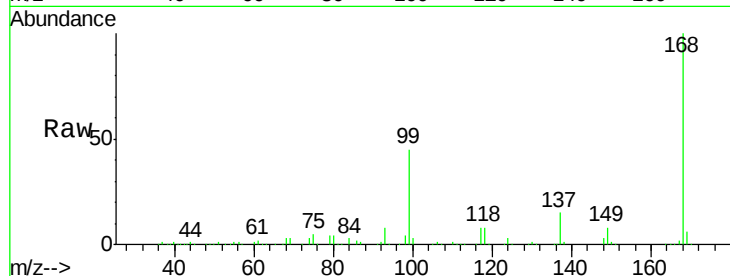
LF016MW001-190610

Tot Ion:168 Resp: 297367

Ion Ratio Lower Upper

168 100

99 45.1 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

120000

100000

80000

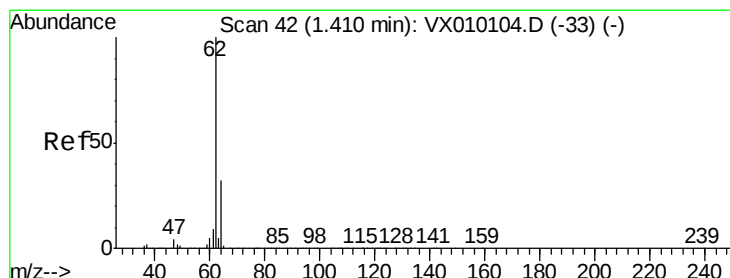
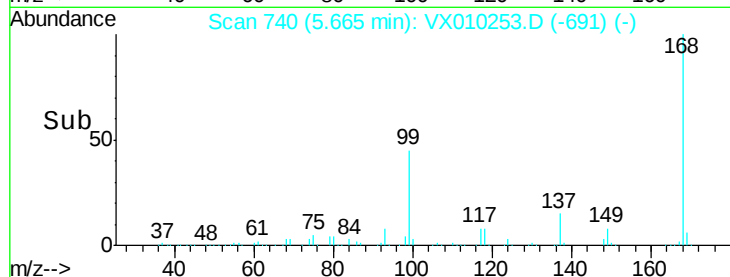
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.258 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010253.D

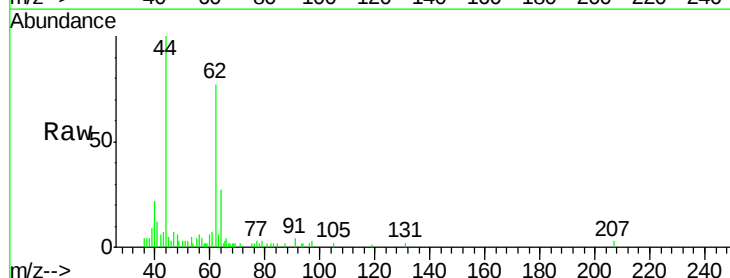
Acq: 12 Jun 2019 16:11

Tgt Ion: 62 Resp: 3213

Ion Ratio Lower Upper

62 100

64 27.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

3000

2500

2000

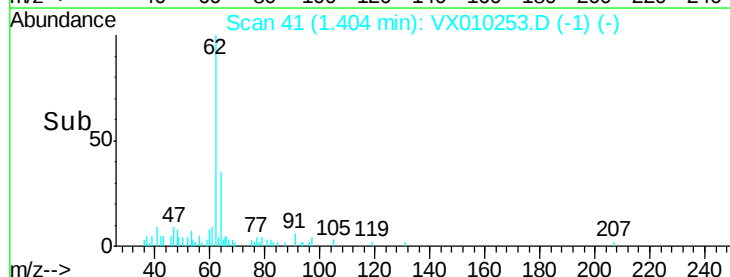
1500

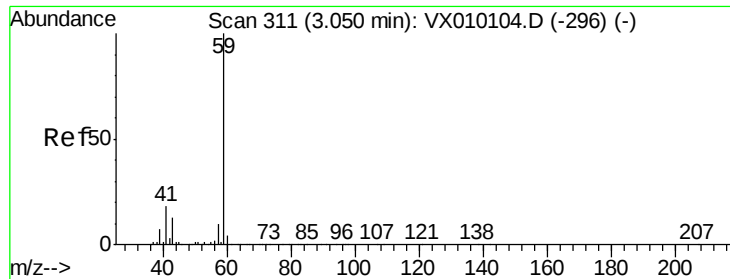
1000

500

0

Time--> 1.35 1.40 1.45

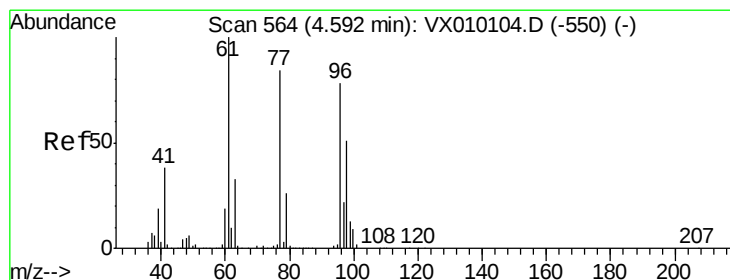
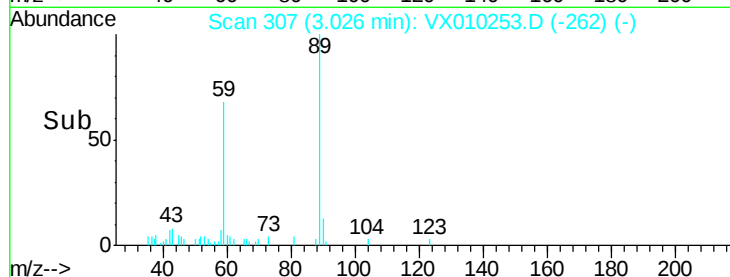
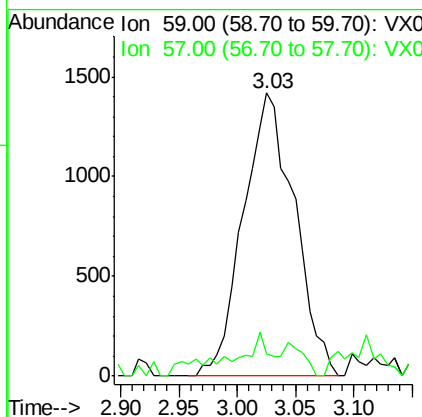
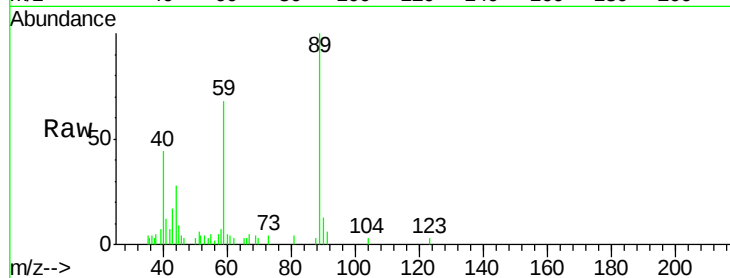




#11
Tert butyl alcohol
Concen: 6.084 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010253.D
Acq: 12 Jun 2019 16:11

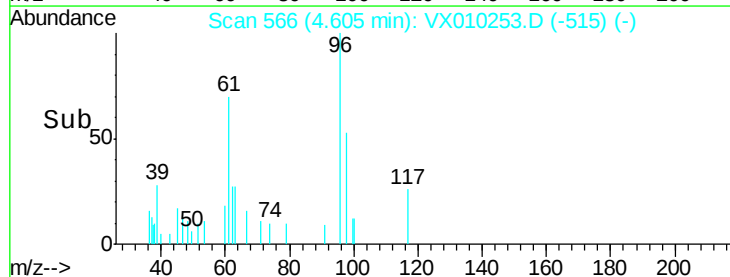
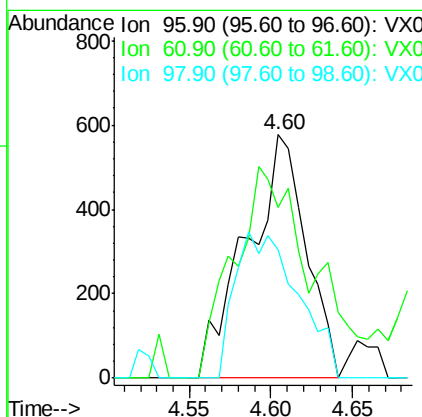
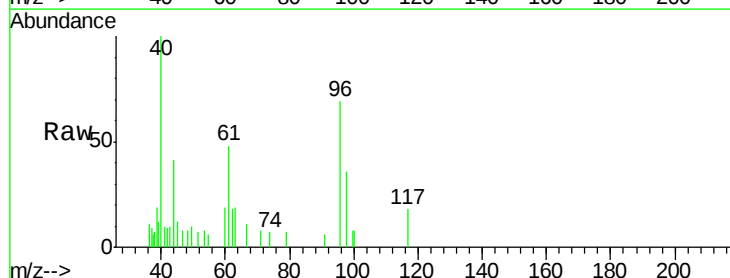
Instrument :
MSVOA_X
ClientSampleId :
LF016MW001-190610

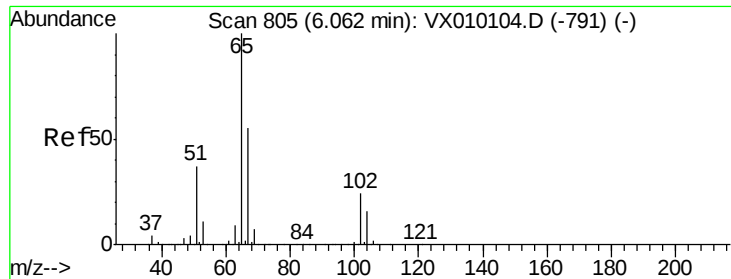
Tot Ion: 59 Resp: 4326
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.2#



#27
cis-1,2-Dichloroethene
Concen: 0.441 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX010253.D
Acq: 12 Jun 2019 16:11

Tgt Ion: 96 Resp: 1450
Ion Ratio Lower Upper
96 100
61 115.4 0.0 334.0
98 64.0 0.0 131.6





#33

1,2-Dichloroethane-d4

Concen: 46.843 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010253.D

Acq: 12 Jun 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

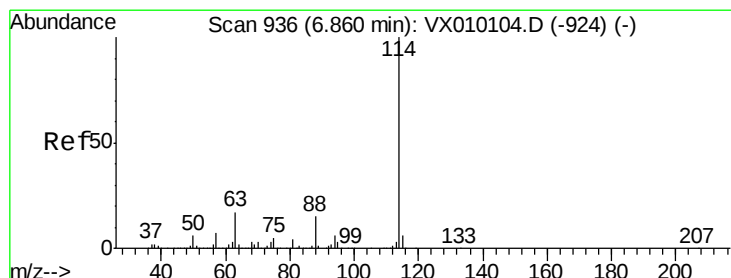
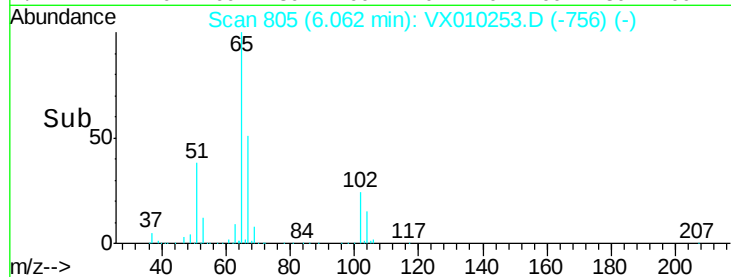
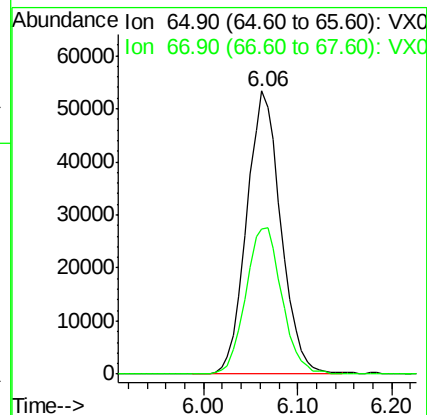
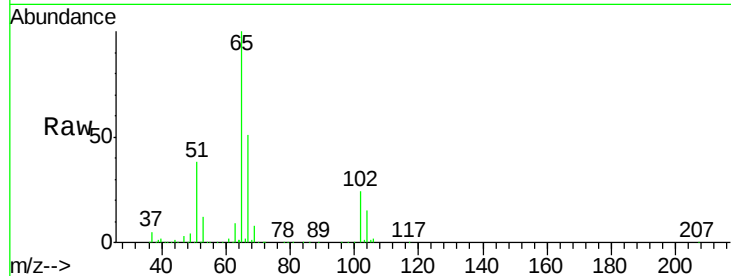
LF016MW001-190610

Tot Ion: 65 Resp: 135967

Ion Ratio Lower Upper

65 100

67 54.5 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: VX010253.D

Acq: 12 Jun 2019 16:11

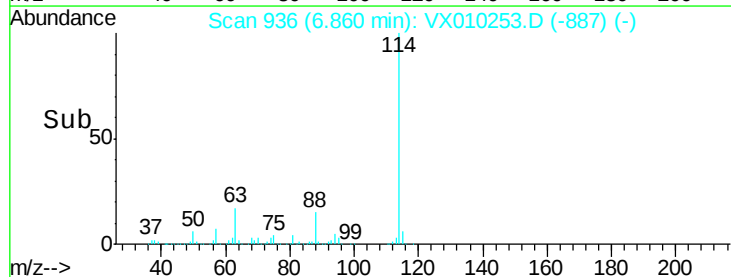
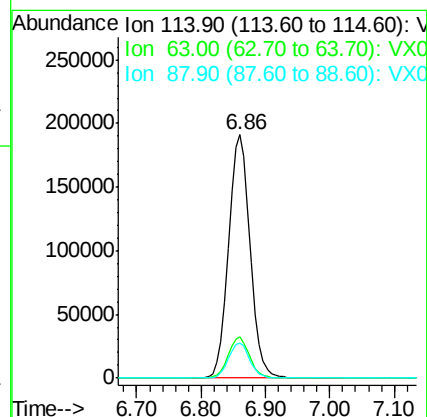
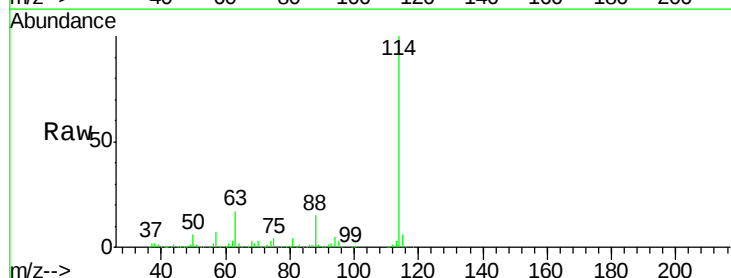
Tgt Ion: 114 Resp: 451017

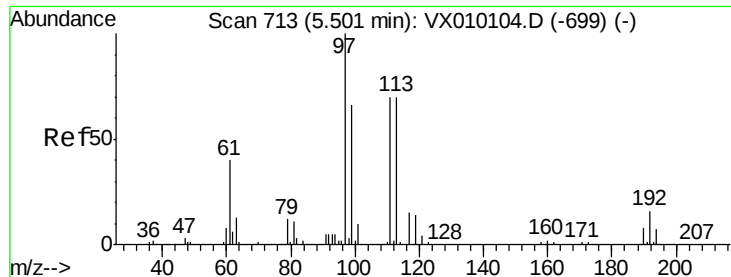
Ion Ratio Lower Upper

114 100

63 16.8 0.0 47.4

88 14.6 0.0 33.0

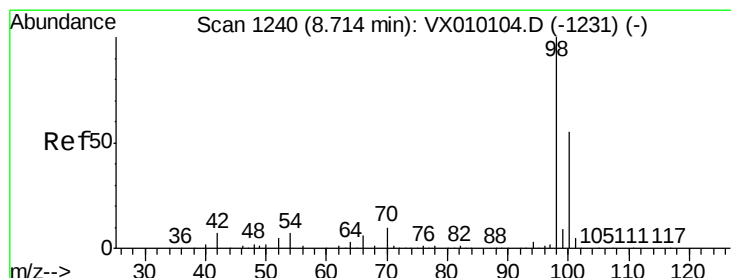
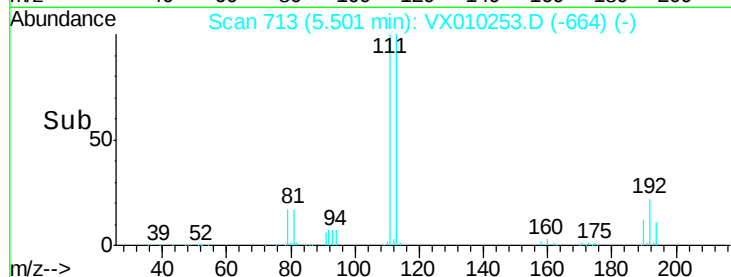
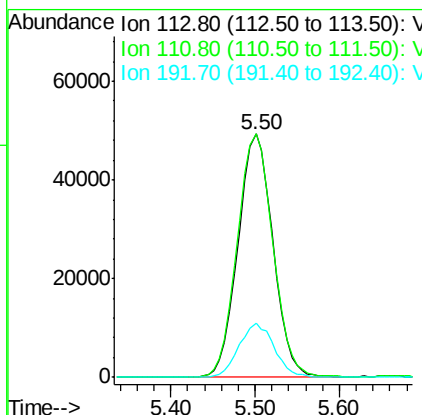
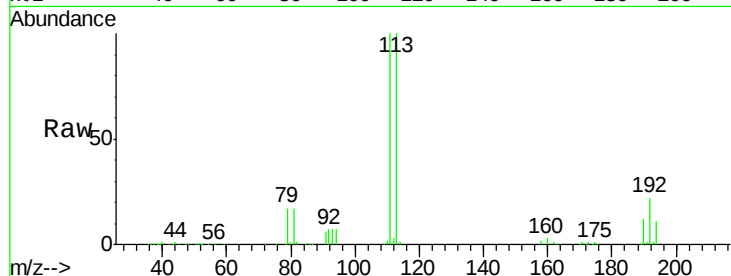




#35
Dibromofluoromethane
Concen: 49.666 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010253.D
Acq: 12 Jun 2019 16:11

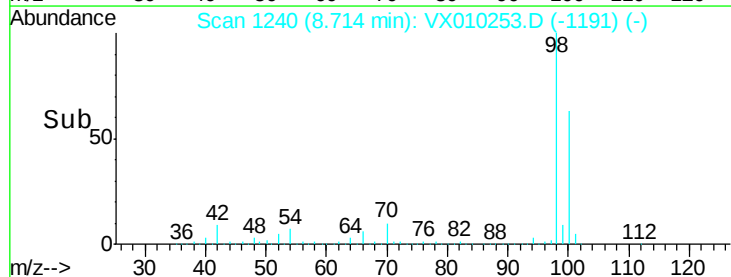
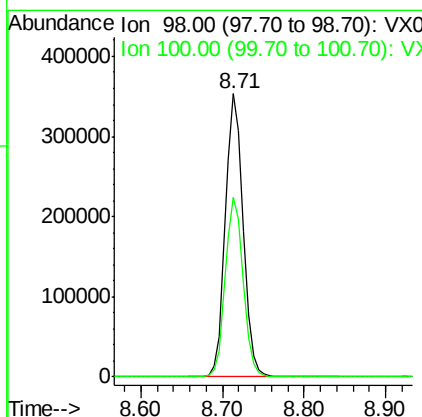
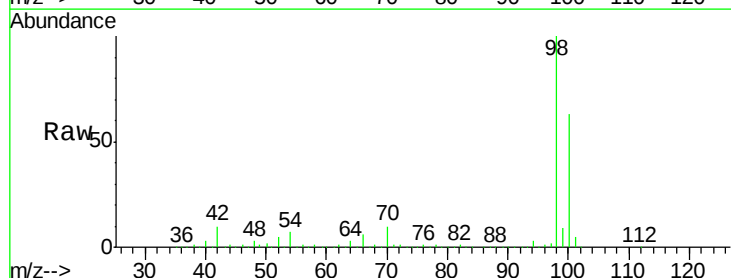
Instrument :
MSVOA_X
ClientSampleId :
LF016MW001-190610

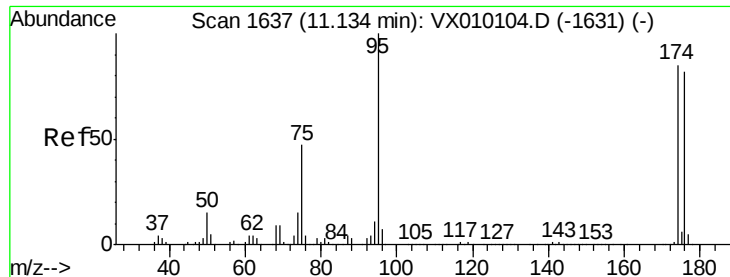
Tot Ion:113 Resp: 138169
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 22.6 17.1 25.7



#50
Toluene-d8
Concen: 50.785 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010253.D
Acq: 12 Jun 2019 16:11

Tgt Ion: 98 Resp: 529510
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.739 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010253.D

Acq: 12 Jun 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

LF016MW001-190610

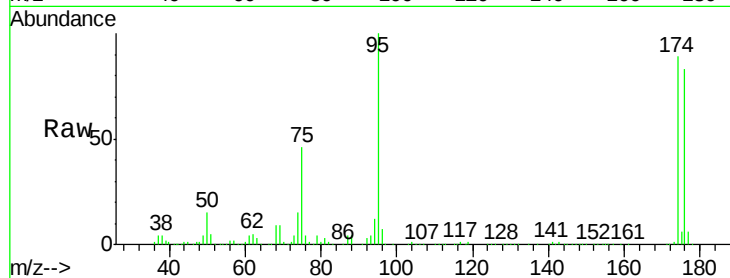
Tot Ion: 95 Resp: 181995

Ion Ratio Lower Upper

95 100

174 94.3 0.0 160.4

176 91.4 0.0 154.6



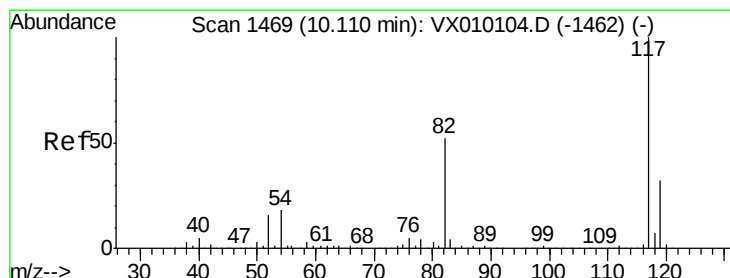
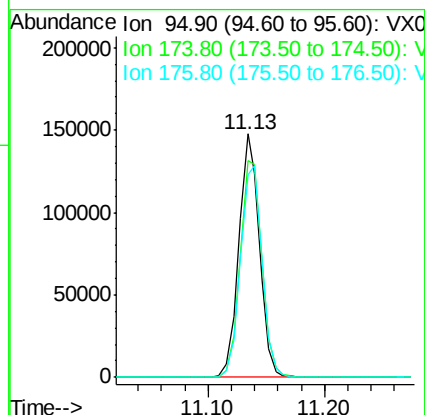
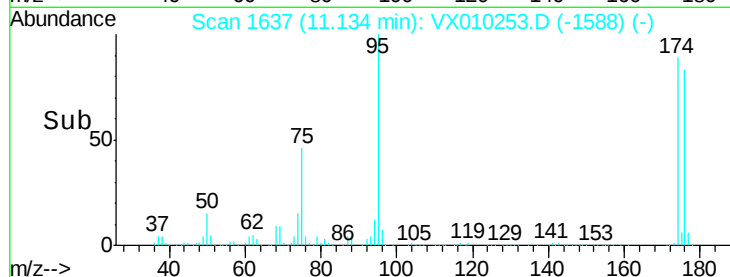
Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

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

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

11.13

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010253.D

Acq: 12 Jun 2019 16:11

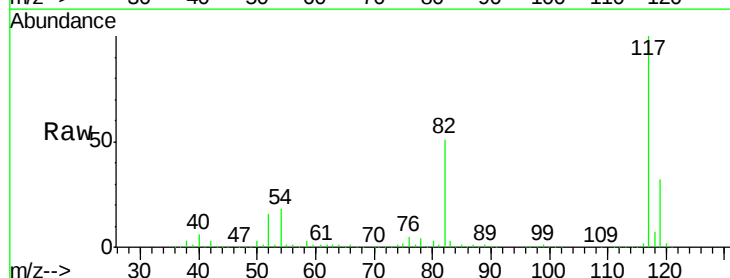
Tgt Ion: 117 Resp: 406036

Ion Ratio Lower Upper

117 100

82 51.2 49.2 73.8

119 32.4 25.2 37.8



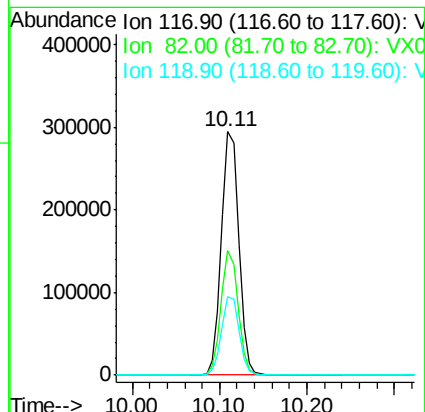
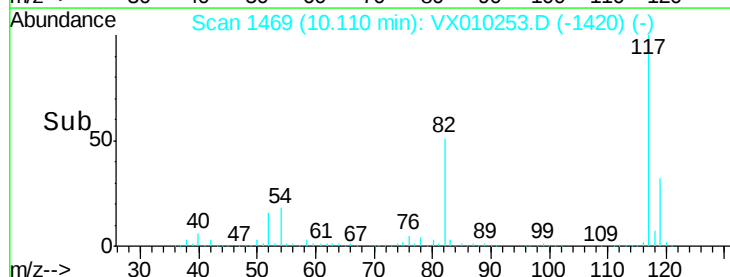
Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

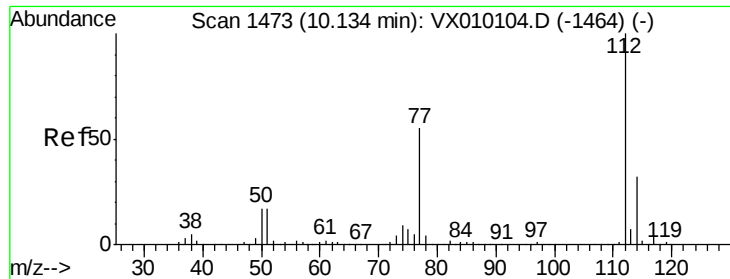
Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

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

10.11

10.00 10.20

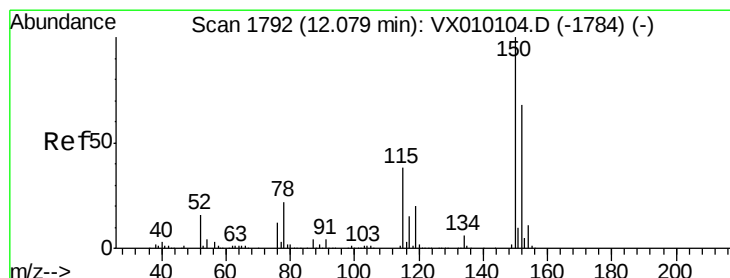
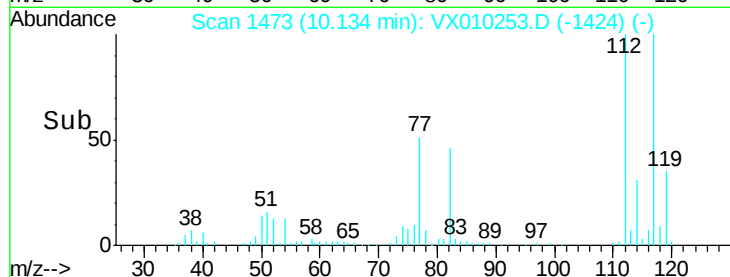
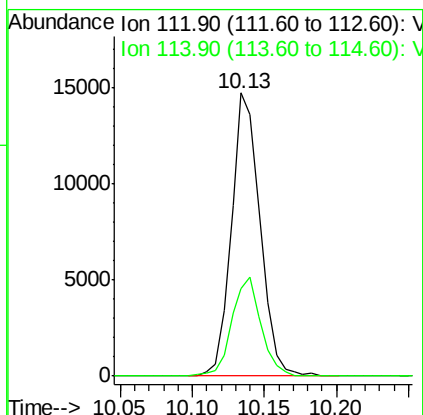
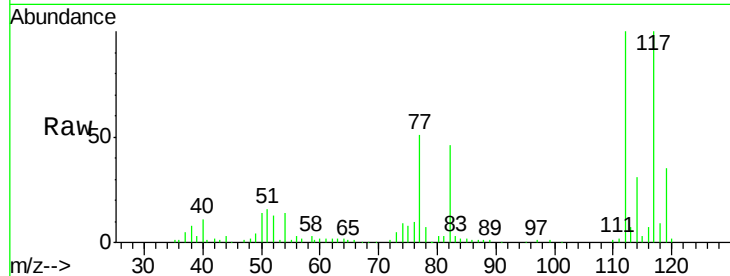




#65
Chlorobenzene
Concen: 2.441 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010253.D
Acq: 12 Jun 2019 16:11

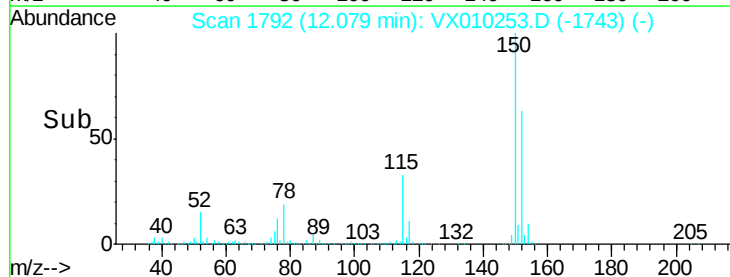
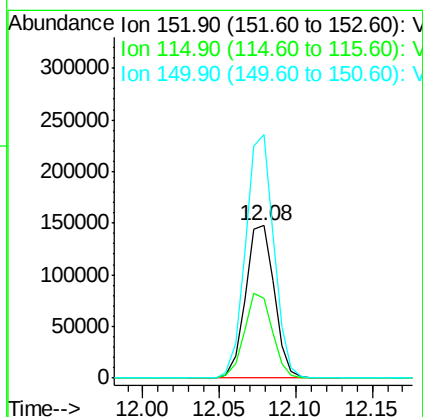
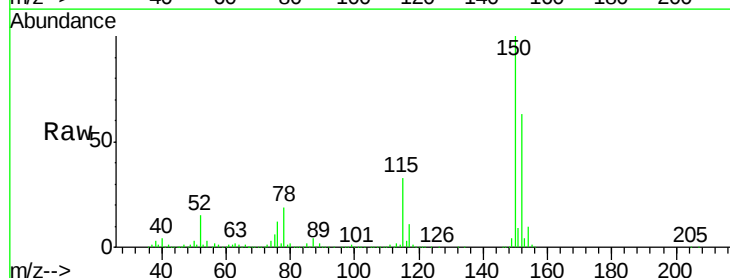
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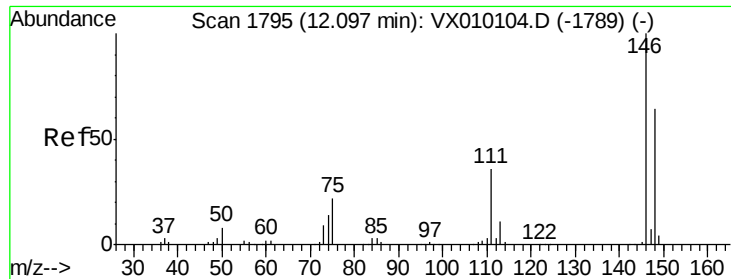
Tot Ion:112 Resp: 20453
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010253.D
Acq: 12 Jun 2019 16:11

Tgt Ion:152 Resp: 192774
Ion Ratio Lower Upper
152 100
115 53.8 41.4 124.2
150 156.4 0.0 345.2





#88

1,4-Dichlorobenzene

Concen: 1.197 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010253.D

Acq: 12 Jun 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

LF016MW001-190610

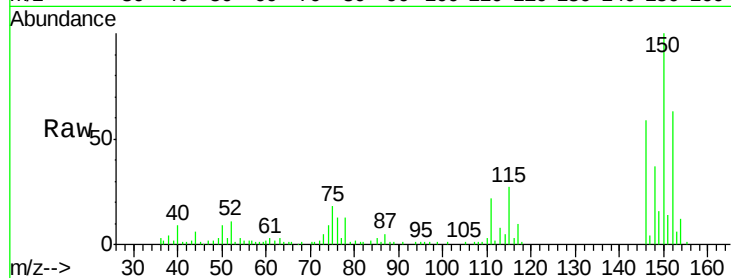
Tot Ion:146 Resp: 7863

Ion Ratio Lower Upper

146 100

111 60.8 20.0 59.9#

148 71.9 32.3 96.9



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

