

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010035.D
 Acq On : 03 Jun 2019 14:51
 Operator : JC/SP
 Sample : K3131-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-190530

Quant Time: Jun 04 04:36:54 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

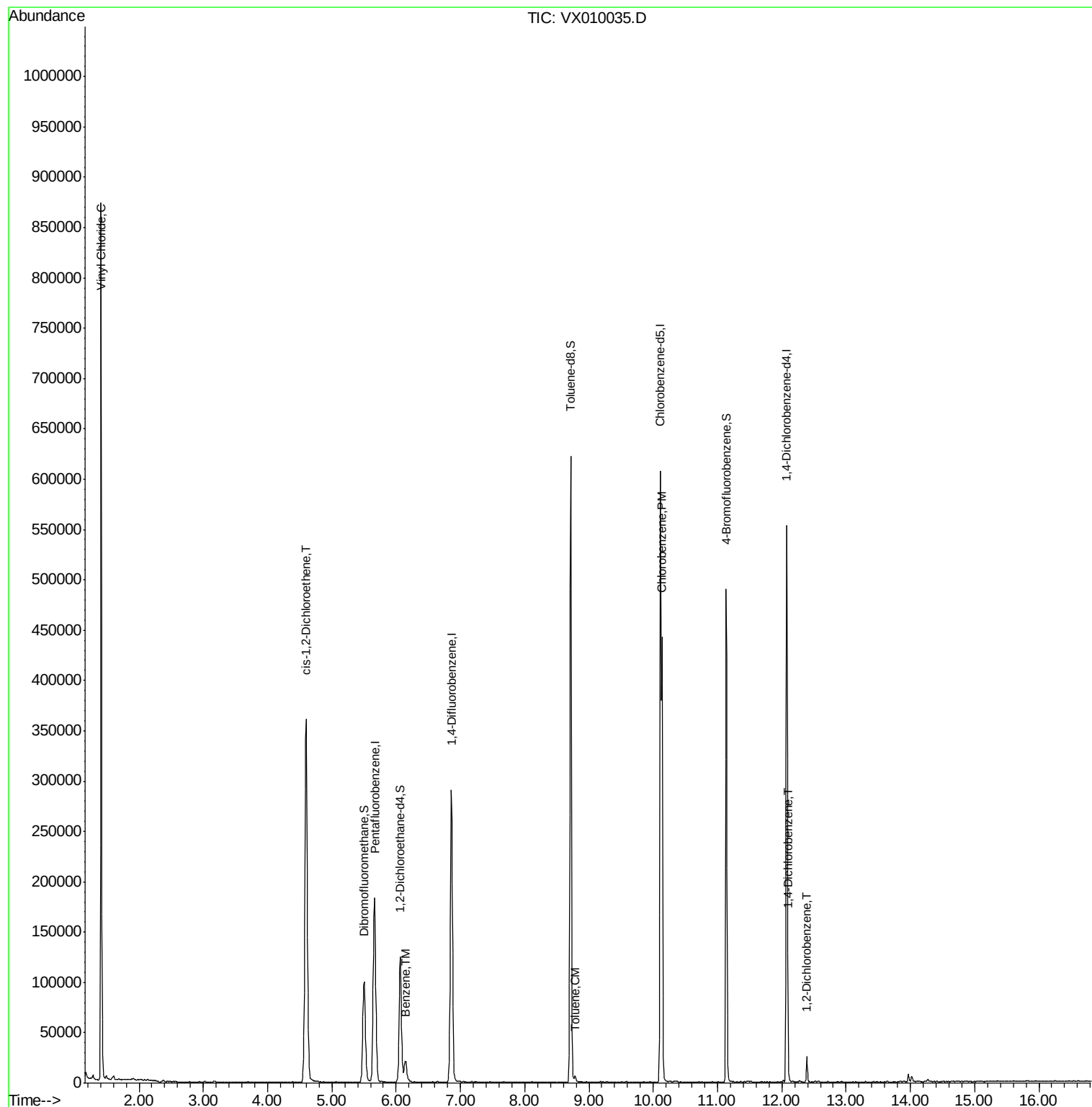
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116717	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
35) Dibromofluoromethane	5.50	113	86674	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	8.71	98	359840	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.13	95	125056	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	588278	221.734	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	221159	94.907	ug/l	87
40) Benzene	6.15	78	24850	2.940	ug/l	94
52) Toluene	8.78	92	1548	0.302	ug/l	100
65) Chlorobenzene	10.13	112	176424	32.752	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	7859	1.980	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	6950	1.811	ug/l	98

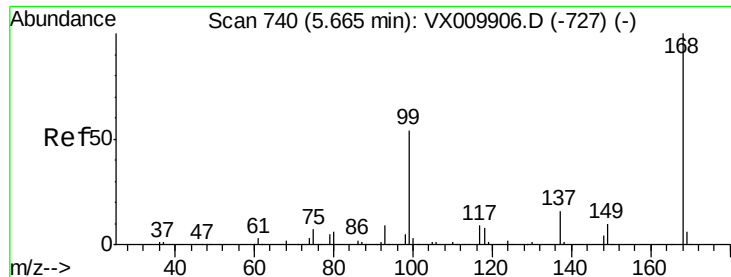
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060319\
Data File : VX010035.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
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: VX010035.D

Acq: 03 Jun 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

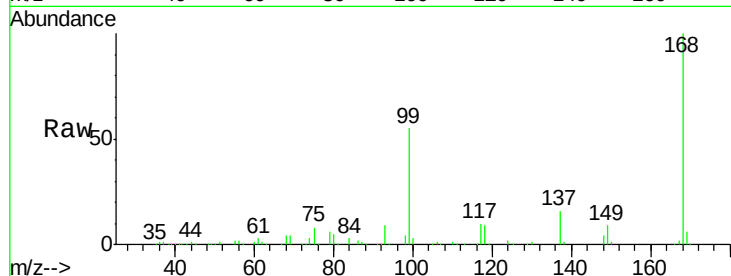
LF014MW015-190530

Tot Ion:168 Resp: 179150

Ion Ratio Lower Upper

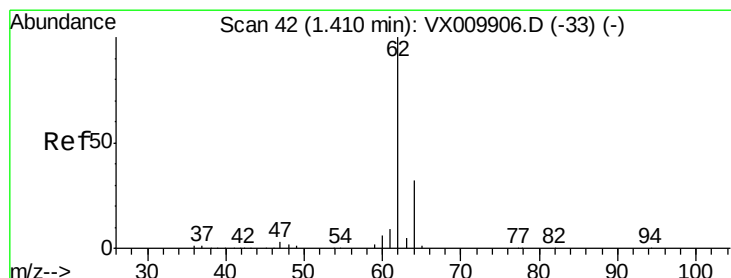
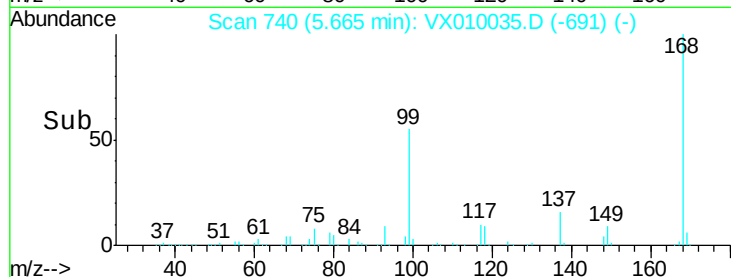
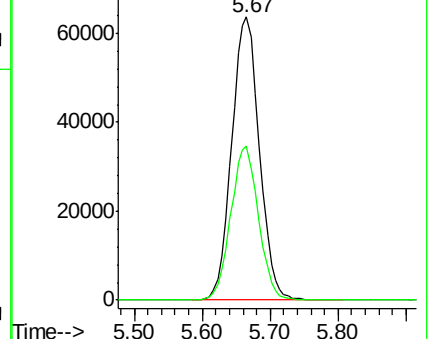
168 100

99 54.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 221.734 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010035.D

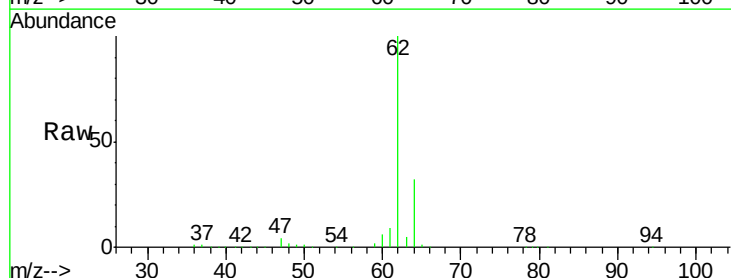
Acq: 03 Jun 2019 14:51

Tgt Ion: 62 Resp: 588278

Ion Ratio Lower Upper

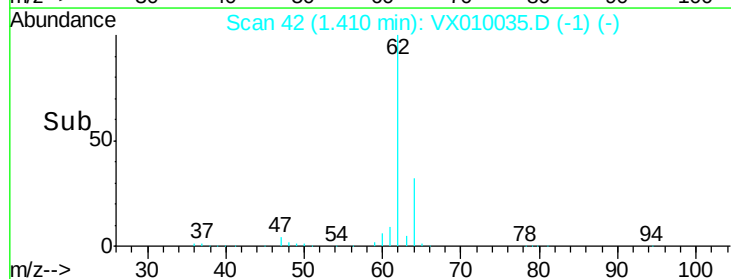
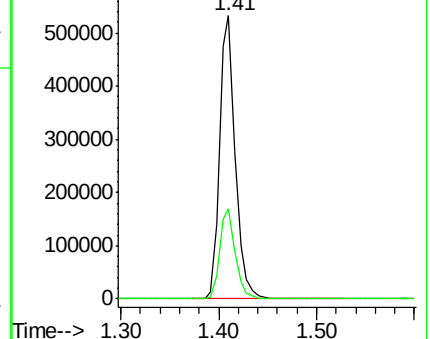
62 100

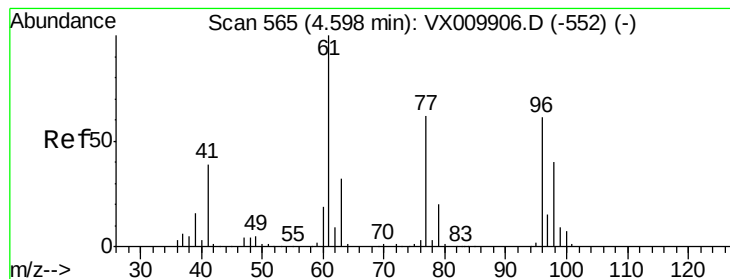
64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



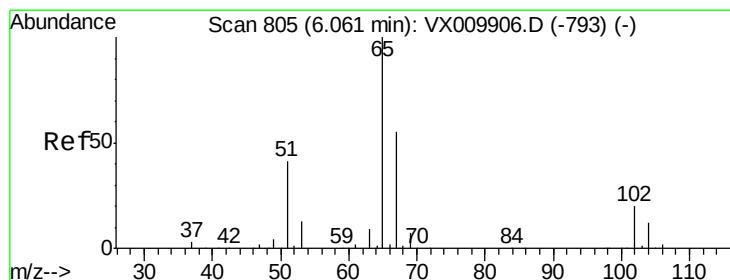
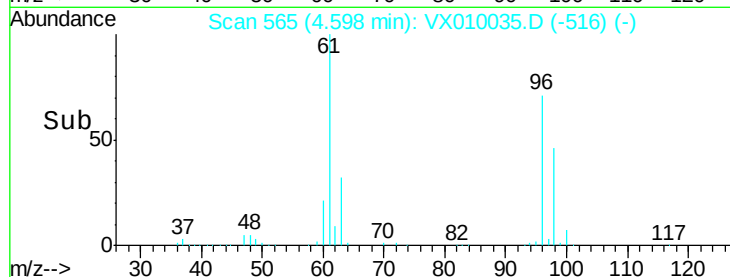
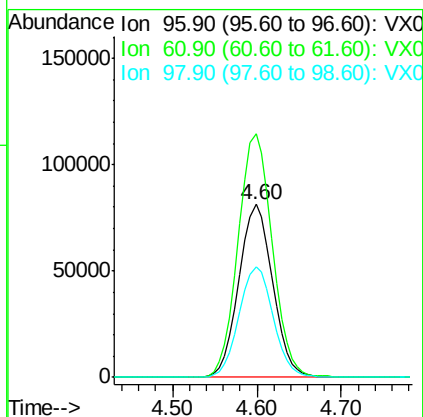
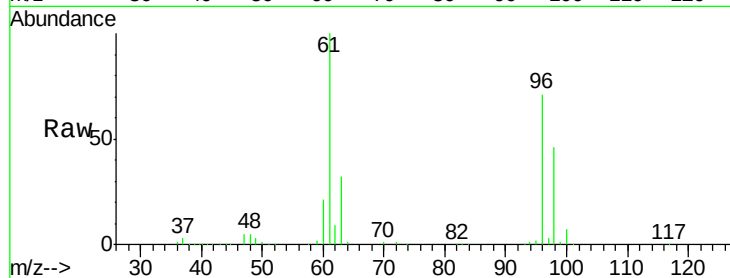


#27

cis-1,2-Dichloroethene
Concen: 94.907 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010035.D
Acq: 03 Jun 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
LF014MW015-190530

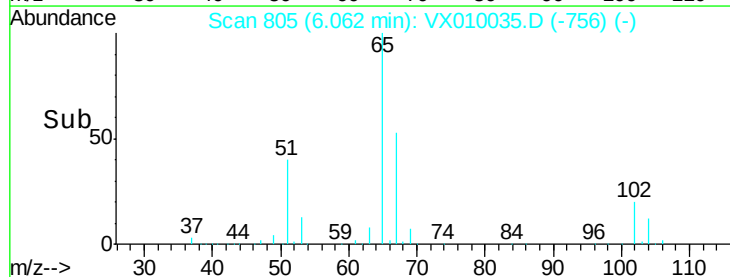
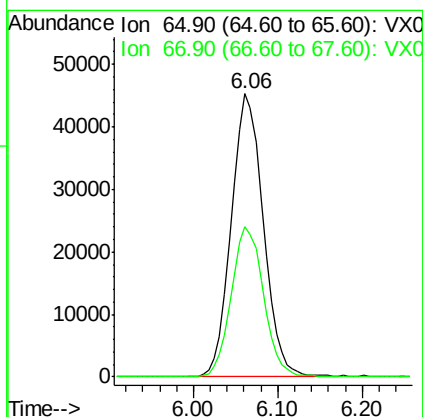
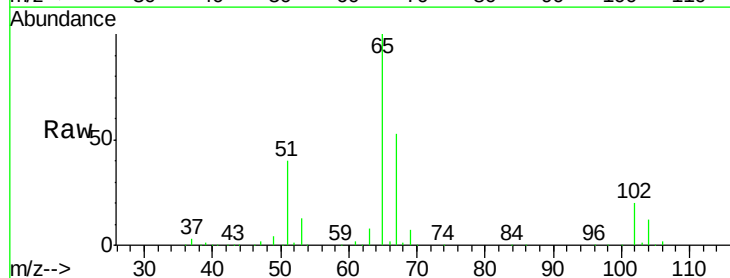
Tot Ion: 96 Resp: 221159
Ion Ratio Lower Upper
96 100
61 142.5 0.0 334.0
98 64.7 0.0 131.6

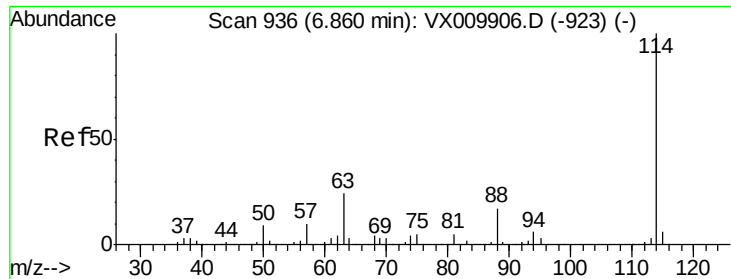


#33

1,2-Dichloroethane-d4
Concen: 46.121 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010035.D
Acq: 03 Jun 2019 14:51

Tgt Ion: 65 Resp: 116717
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4

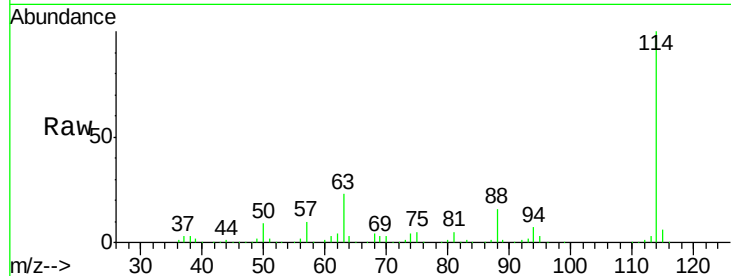




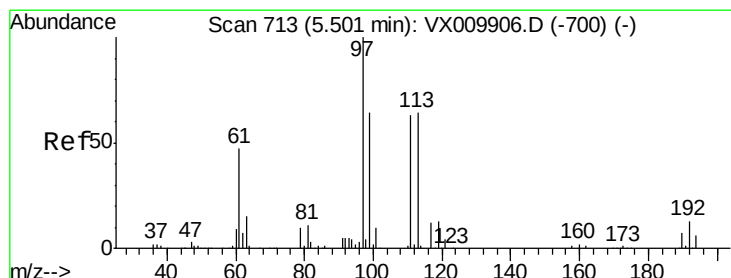
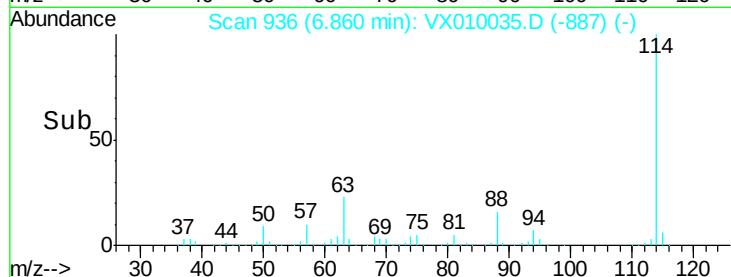
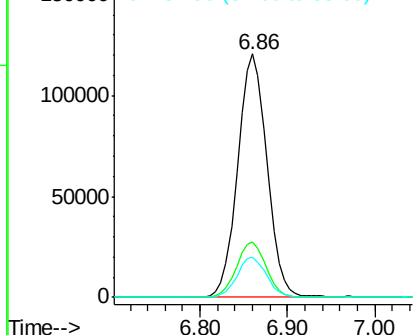
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010035.D
Acq: 03 Jun 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
LF014MW015-190530

Tot Ion:114 Resp: 280811
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.4
88 16.2 0.0 33.0

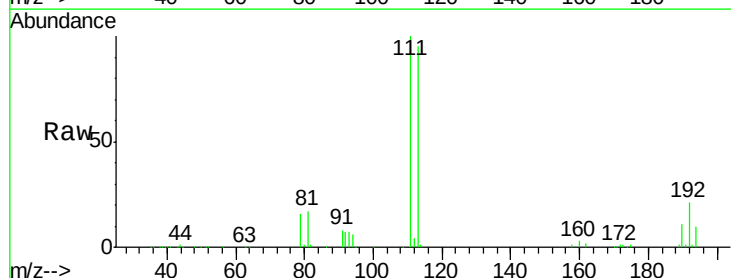


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

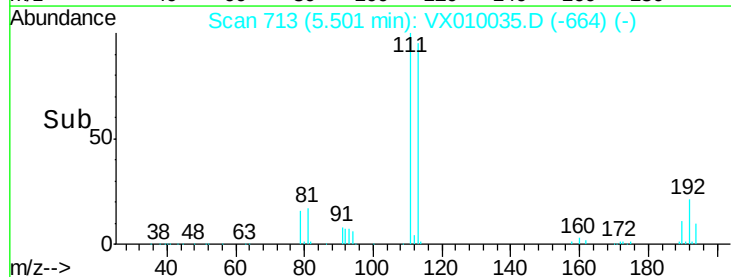
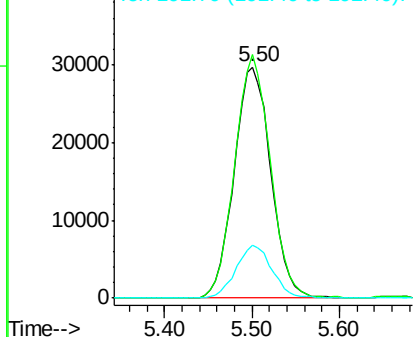


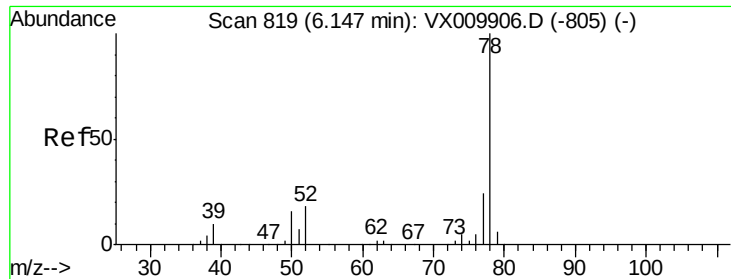
#35
Dibromofluoromethane
Concen: 49.094 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010035.D
Acq: 03 Jun 2019 14:51

Tgt Ion:113 Resp: 86674
Ion Ratio Lower Upper
113 100
111 102.5 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





#40

Benzene

Concen: 2.940 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX010035.D

Acq: 03 Jun 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

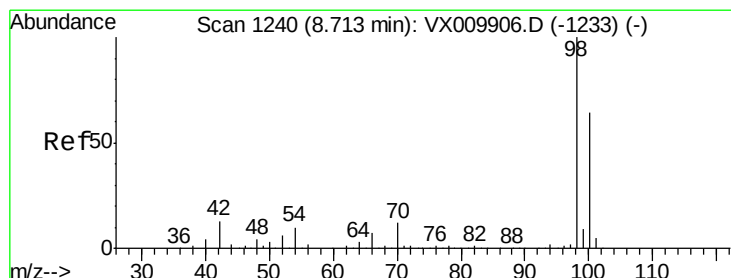
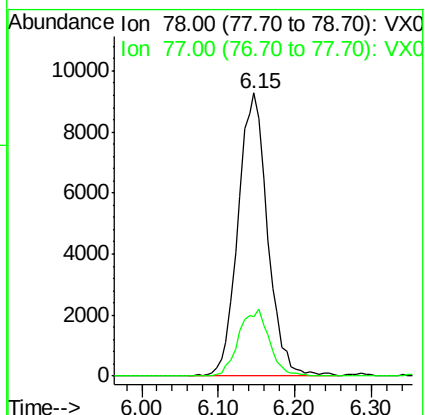
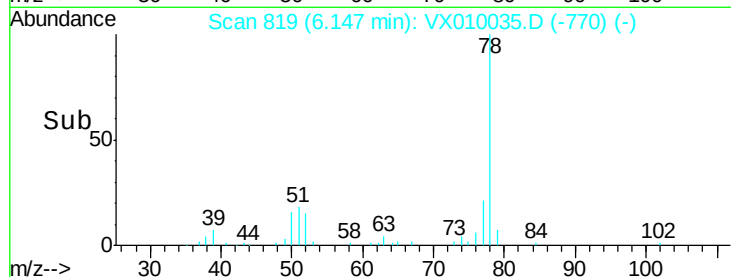
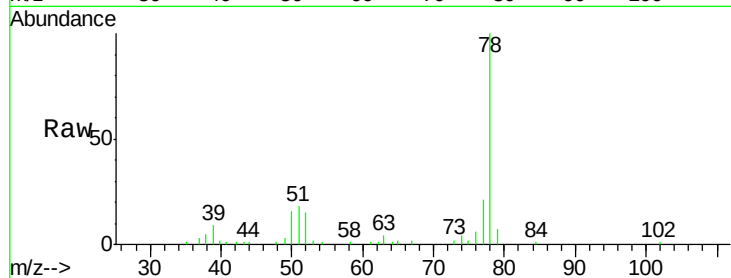
LF014MW015-190530

Tot Ion: 78 Resp: 24850

Ion Ratio Lower Upper

78 100

77 21.0 19.2 28.8



#50

Toluene-d8

Concen: 50.193 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010035.D

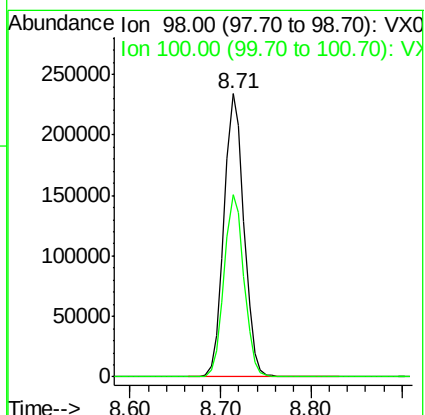
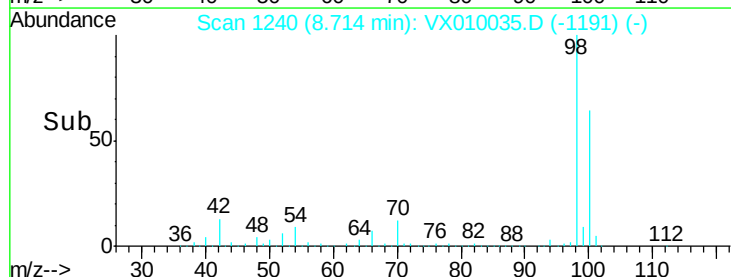
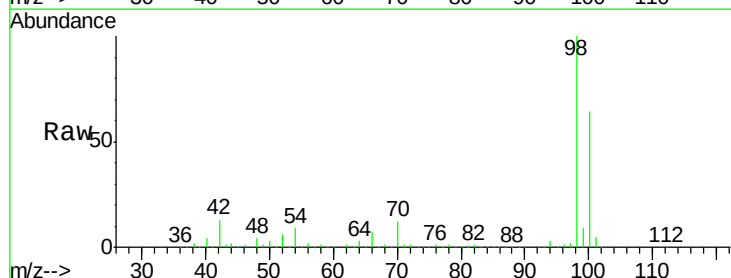
Acq: 03 Jun 2019 14:51

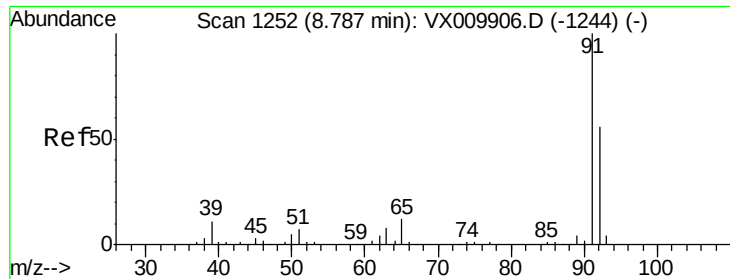
Tgt Ion: 98 Resp: 359840

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3





#52

Toluene

Concen: 0.302 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010035.D

Acq: 03 Jun 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

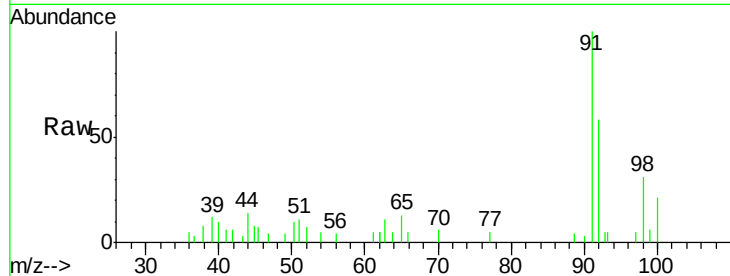
LF014MW015-190530

Tot Ion: 92 Resp: 1548

Ion Ratio Lower Upper

92 100

91 174.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

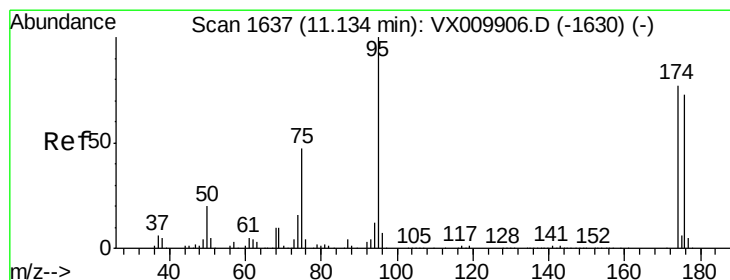
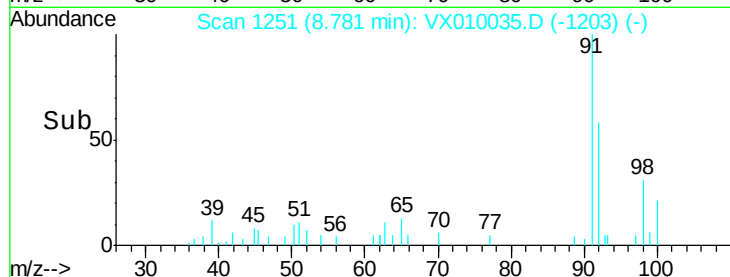
1500

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.565 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010035.D

Acq: 03 Jun 2019 14:51

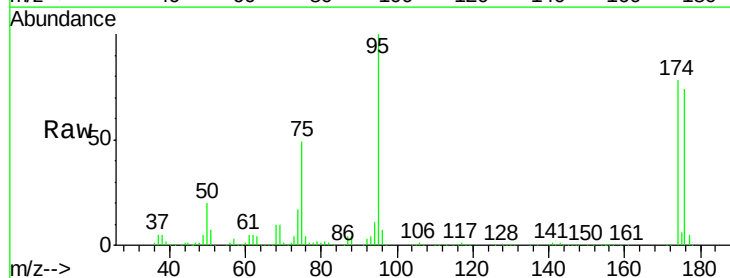
Tgt Ion: 95 Resp: 125056

Ion Ratio Lower Upper

95 100

174 82.7 0.0 160.4

176 80.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

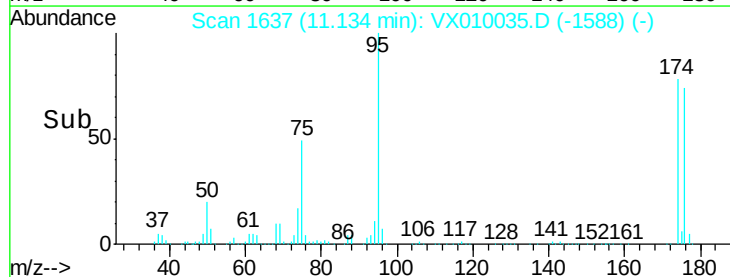
Ion 175.80 (175.50 to 176.50): V

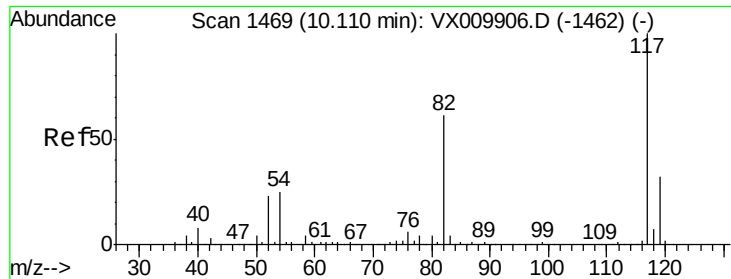
100000

50000

0

Time-->

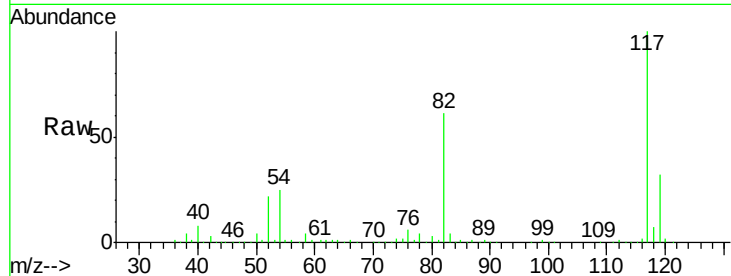




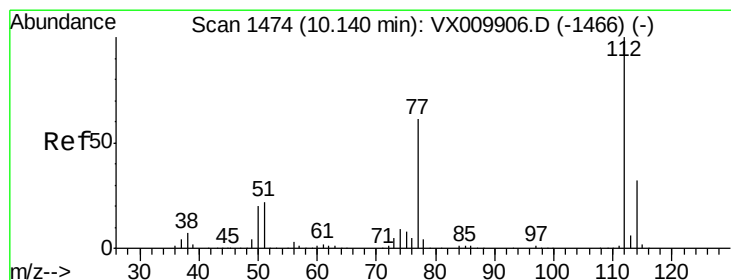
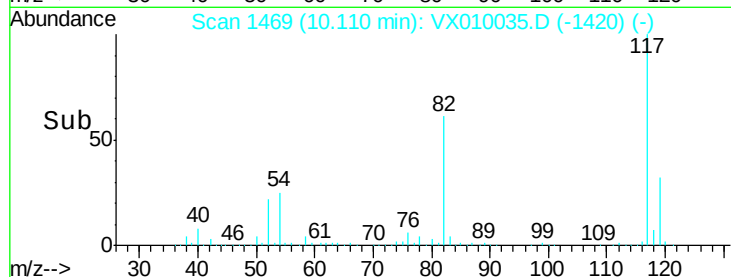
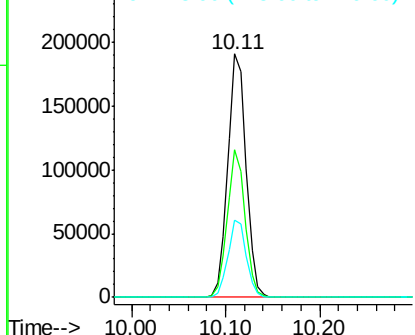
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010035.D
Acq: 03 Jun 2019 14:51

Instrument :
MSVOA_X
ClientSampleId :
LF014MW015-190530

Tot Ion:117 Resp: 257303
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 31.9 25.2 37.8

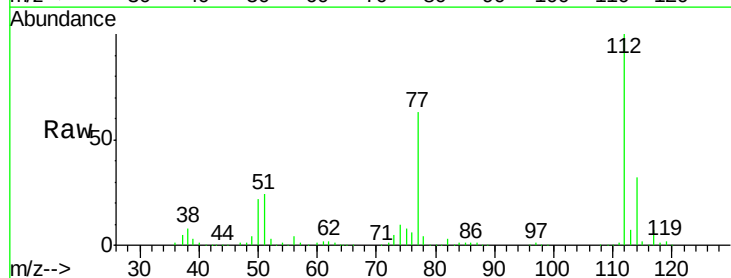


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

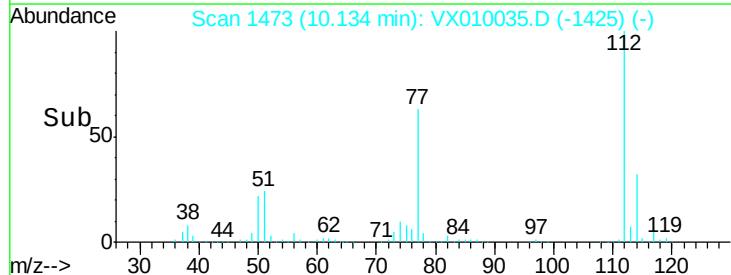
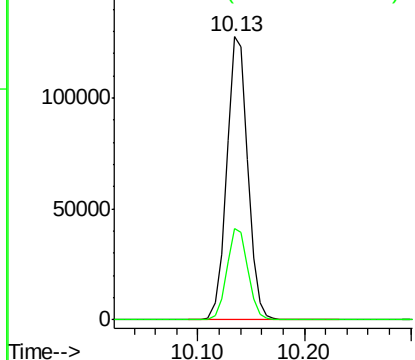


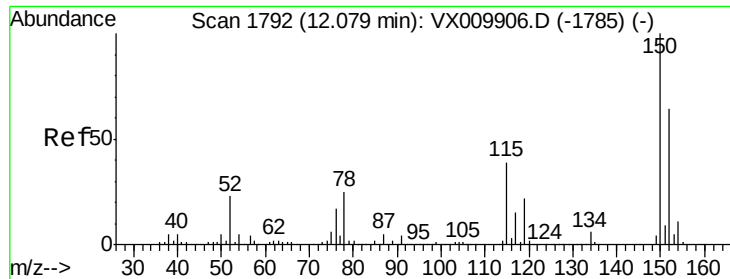
#65
Chlorobenzene
Concen: 32.752 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010035.D
Acq: 03 Jun 2019 14:51

Tgt Ion:112 Resp: 176424
Ion Ratio Lower Upper
112 100
114 32.4 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: VX010035.D

Acq: 03 Jun 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

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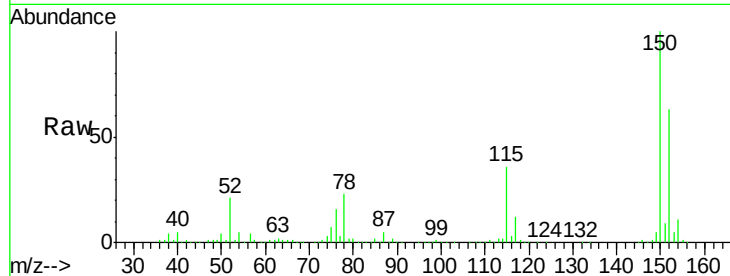
Tot Ion:152 Resp: 116288

Ion Ratio Lower Upper

152 100

115 57.7 41.4 124.2

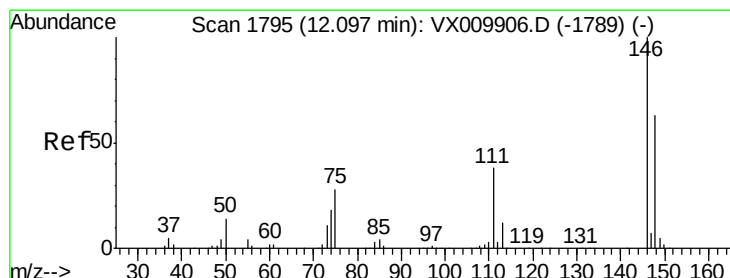
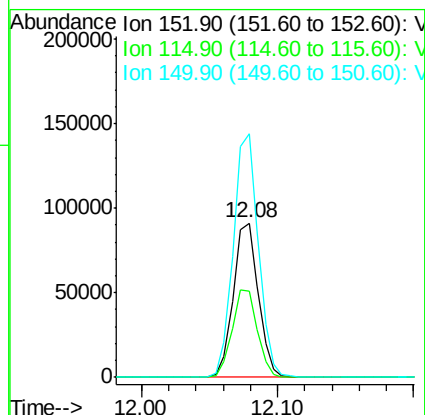
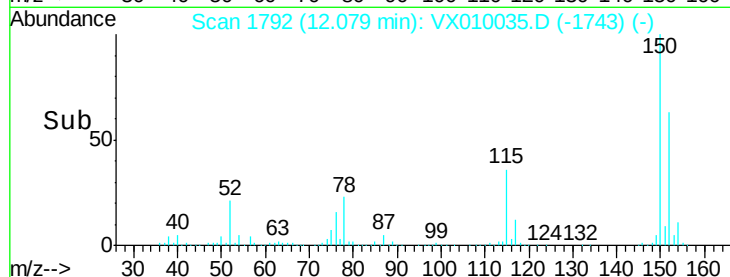
150 158.7 0.0 345.2



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



#88

1,4-Dichlorobenzene

Concen: 1.980 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010035.D

Acq: 03 Jun 2019 14:51

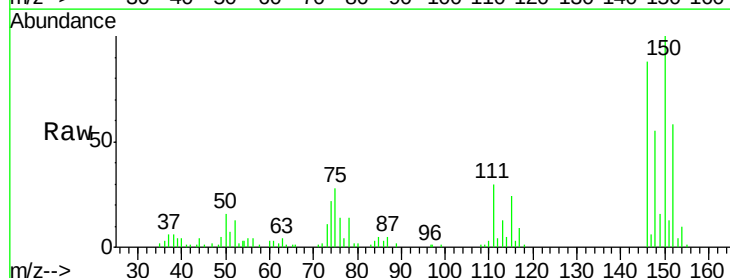
Tgt Ion:146 Resp: 7859

Ion Ratio Lower Upper

146 100

111 54.1 20.0 59.9

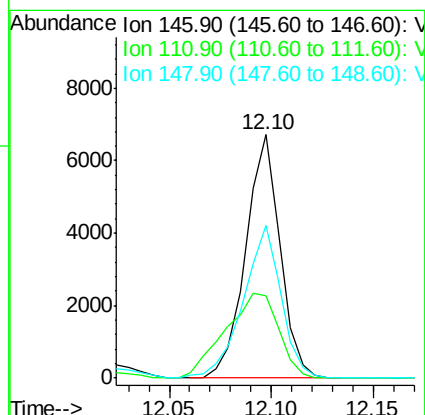
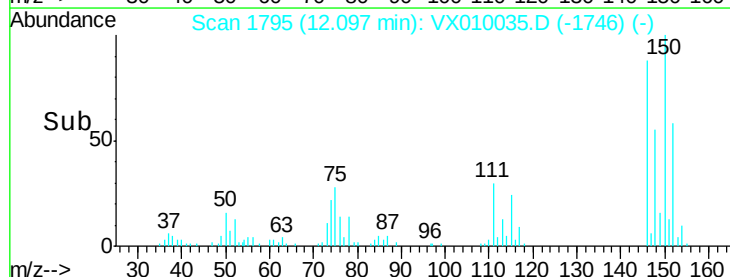
148 69.3 32.3 96.9

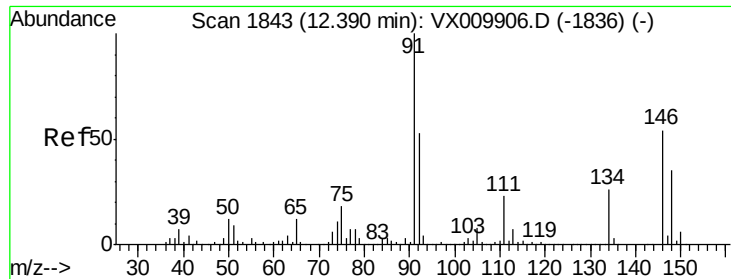


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 1.811 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010035.D

Acq: 03 Jun 2019 14:51

Instrument :

MSVOA_X

ClientSampleId :

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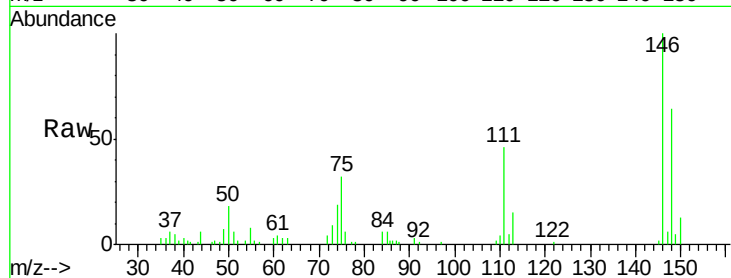
Tot Ion:146 Resp: 6950

Ion Ratio Lower Upper

146 100

111 44.7 21.1 63.1

148 63.4 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

