

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX009992.D
 Acq On : 31 May 2019 17:57
 Operator : JC/SP
 Sample : K3131-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW086-190530

Quant Time: Jun 01 05:30:22 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

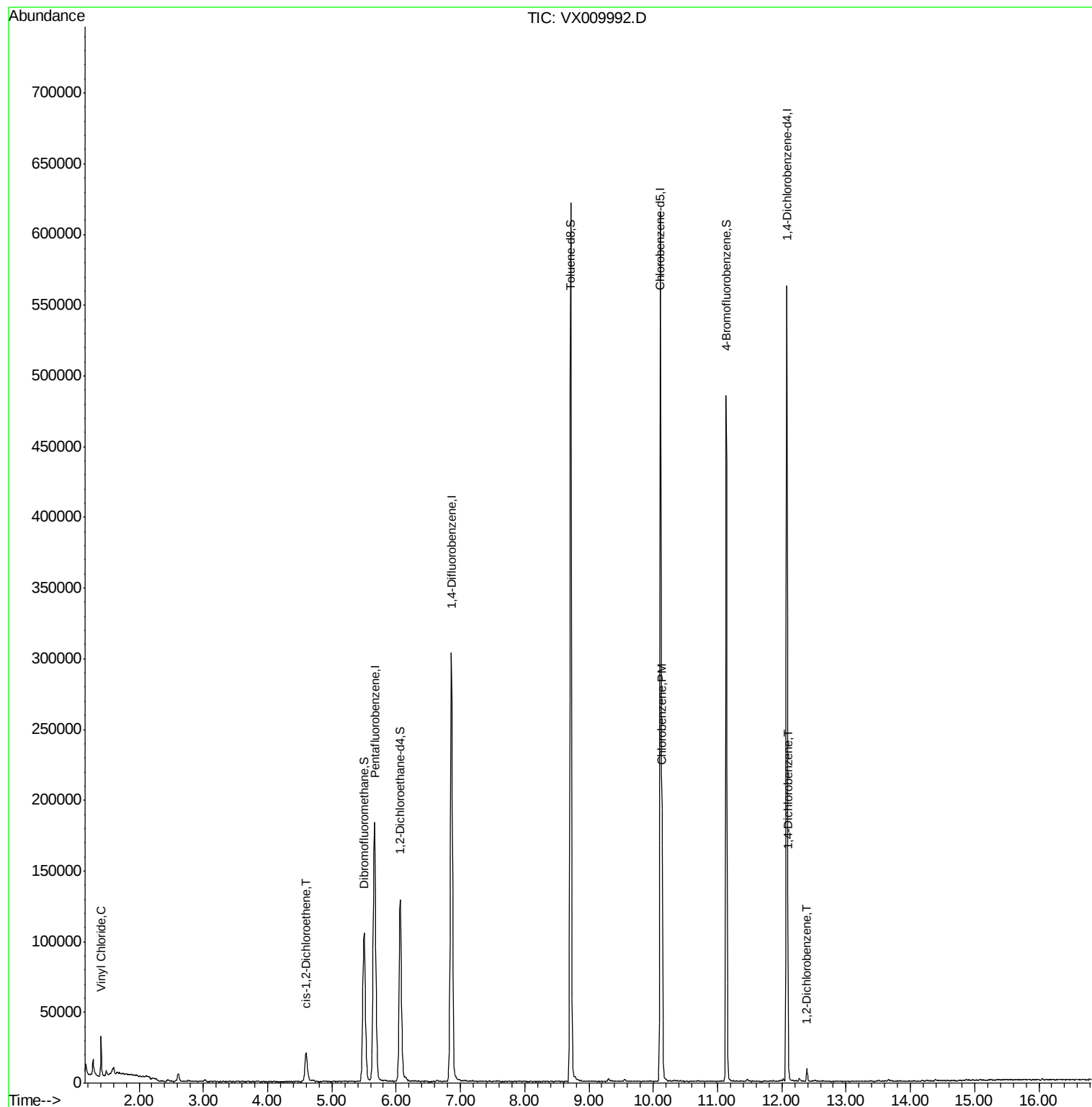
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123685	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	5.50	113	90522	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	366395	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	126277	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
4) Vinyl Chloride	1.41	62	18474	7.005	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	12667	5.468	ug/l	89
65) Chlorobenzene	10.14	112	70583	12.979	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	8297	2.141	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	2707	0.723	ug/l	92

(#) = 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: VX009992.D

Acq: 31 May 2019 17:57

Instrument :

MSVOA_X

ClientSampleId :

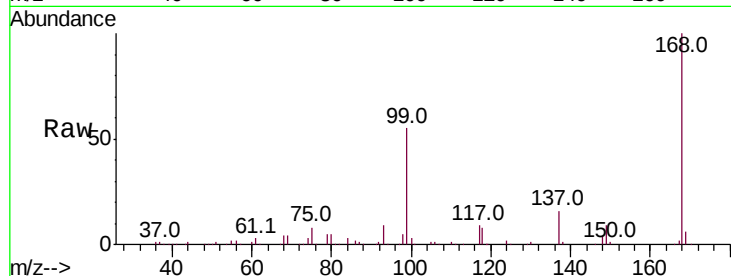
LF014MW086-190530

Tot Ion:168 Resp: 178084

Ion Ratio Lower Upper

168 100

99 55.0 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

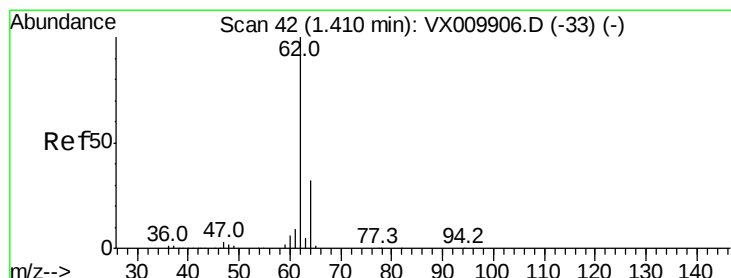
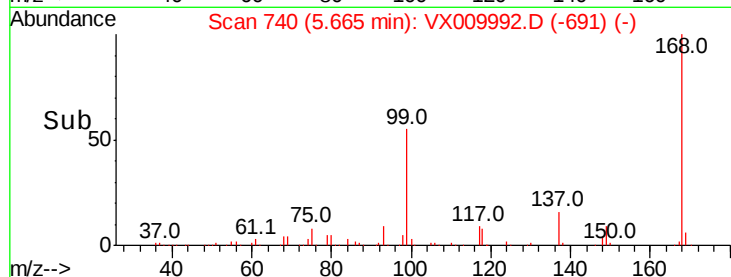
40000

20000

0

Time-->

5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 7.005 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009992.D

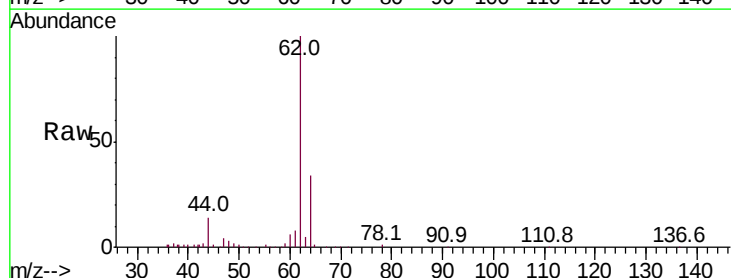
Acq: 31 May 2019 17:57

Tgt Ion: 62 Resp: 18474

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

20000

15000

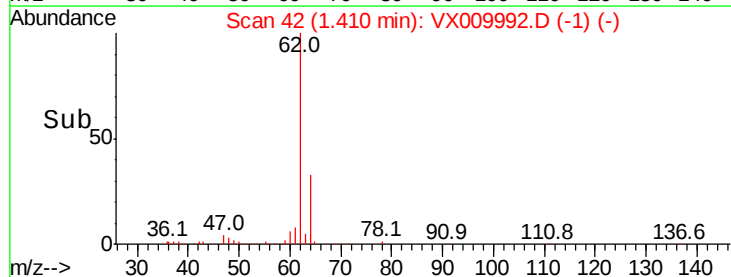
10000

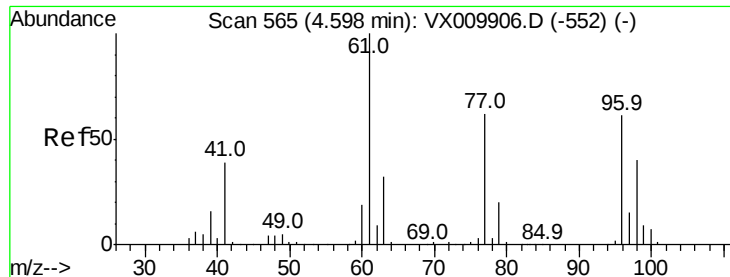
5000

0

Time-->

1.35 1.40 1.45



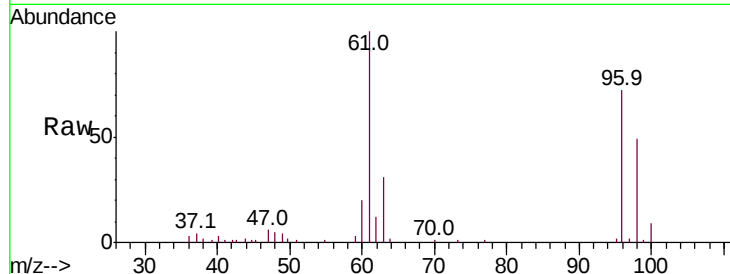


#27

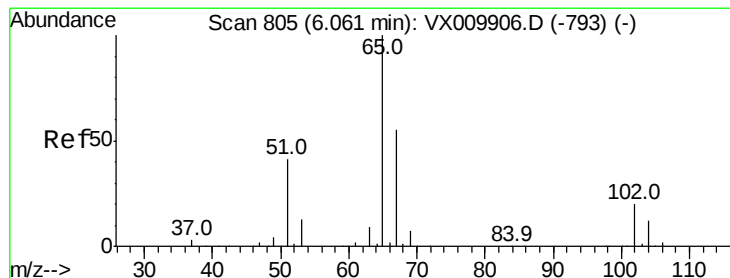
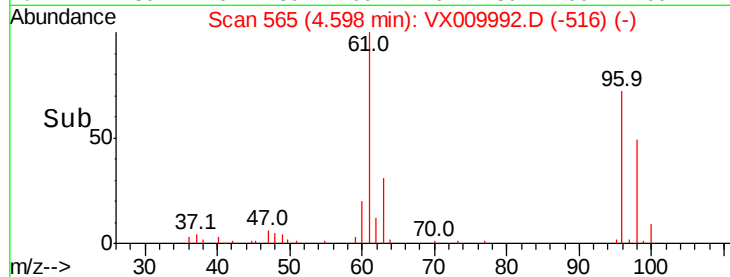
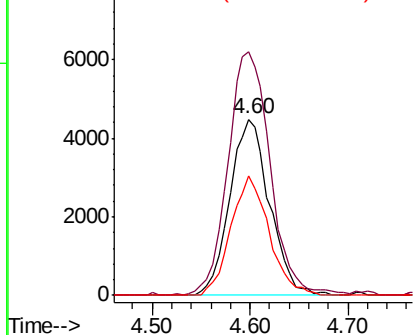
cis-1,2-Dichloroethene
 Concen: 5.468 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX009992.D
 Acq: 31 May 2019 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW086-190530

Tot Ion	96	Resp	12667
Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	334.0
98	64.8	0.0	131.6



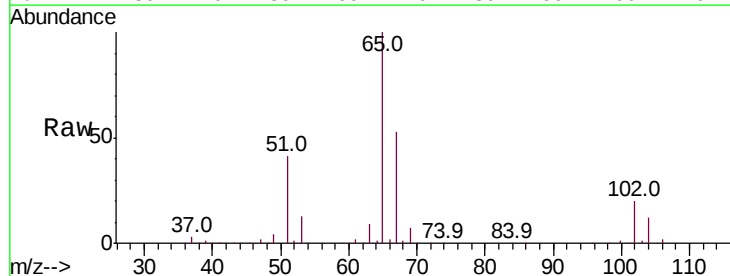
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



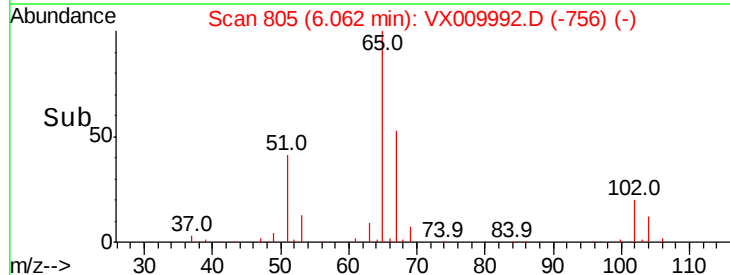
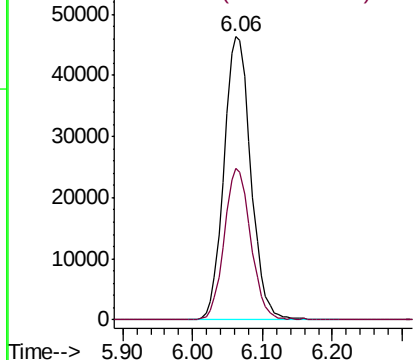
#33

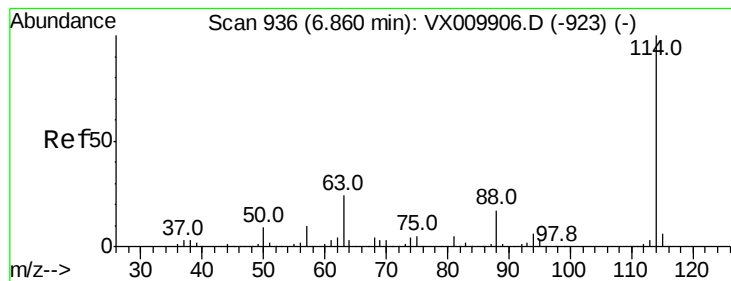
1,2-Dichloroethane-d4
 Concen: 49.167 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009992.D
 Acq: 31 May 2019 17:57

Tgt Ion	65	Resp	123685
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009992.D

Acq: 31 May 2019 17:57

Instrument :

MSVOA_X

ClientSampleId :

LF014MW086-190530

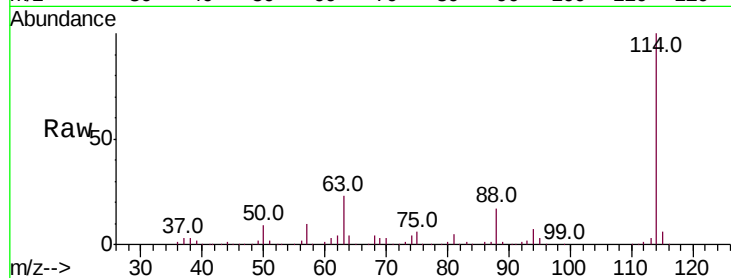
Tot Ion:114 Resp: 288436

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.4

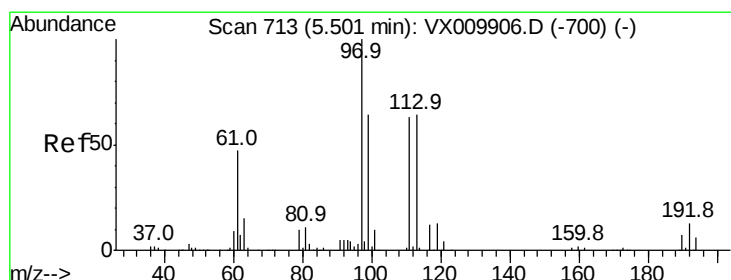
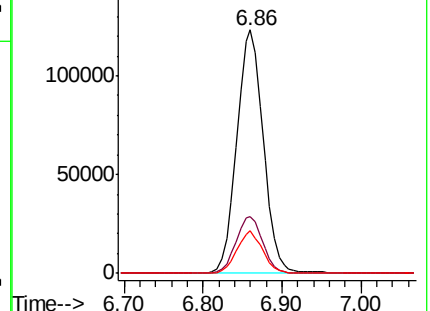
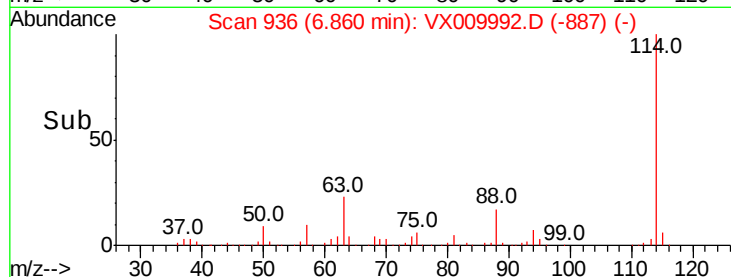
88 17.4 0.0 33.0



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: 49.918 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009992.D

Acq: 31 May 2019 17:57

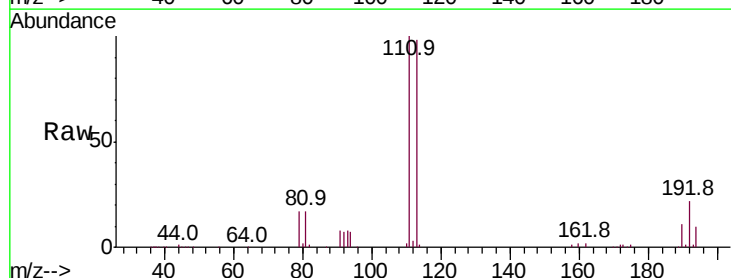
Tgt Ion:113 Resp: 90522

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

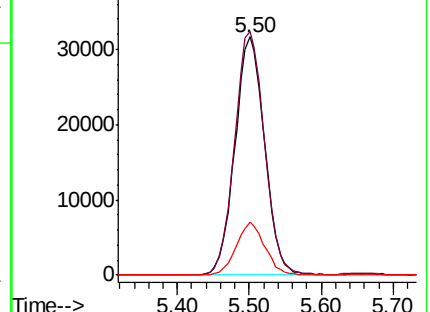
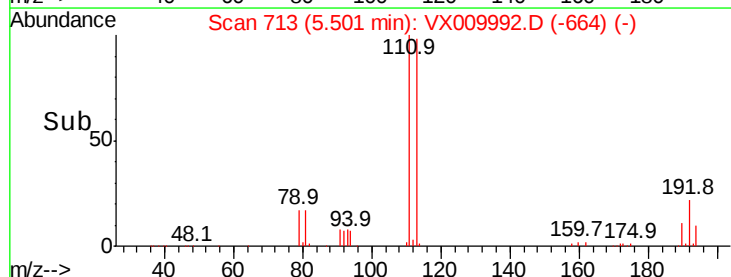
192 21.3 17.1 25.7

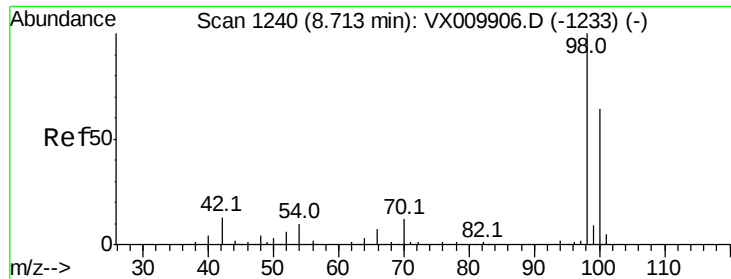


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.756 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009992.D

Acq: 31 May 2019 17:57

Instrument :

MSVOA_X

ClientSampleId :

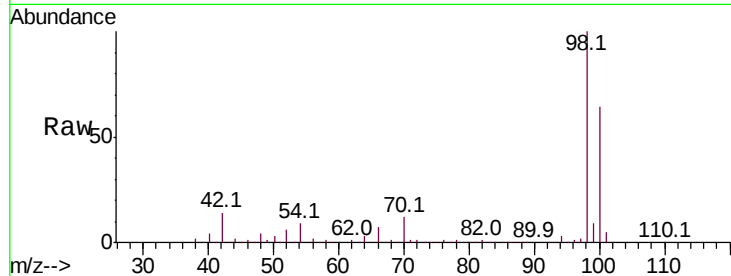
LF014MW086-190530

Tot Ion: 98 Resp: 366395

Ion Ratio Lower Upper

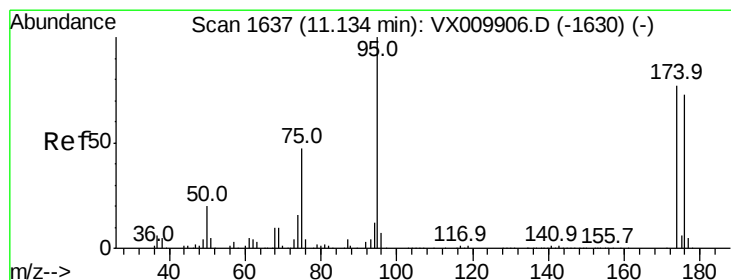
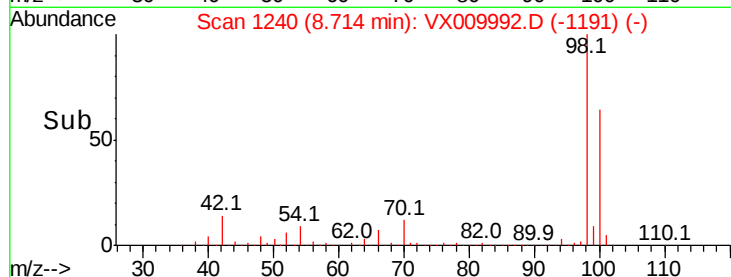
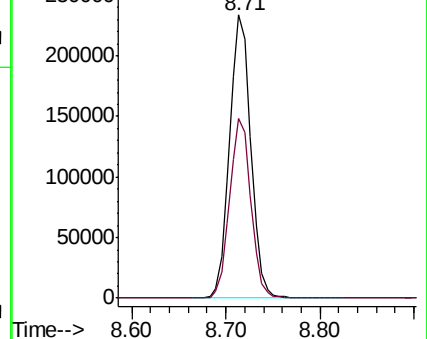
98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.743 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009992.D

Acq: 31 May 2019 17:57

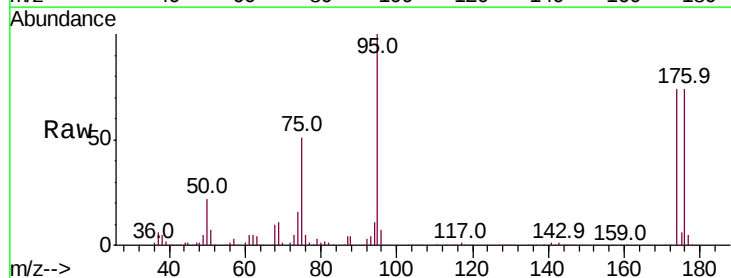
Tgt Ion: 95 Resp: 126277

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.4

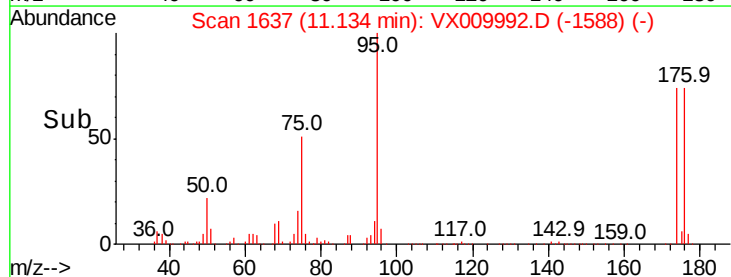
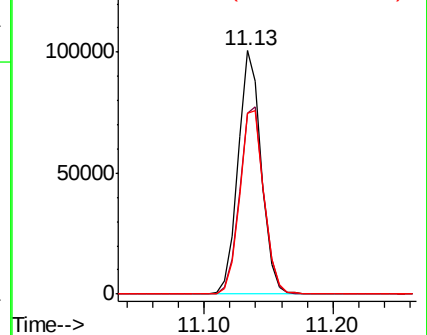
176 78.7 0.0 154.6

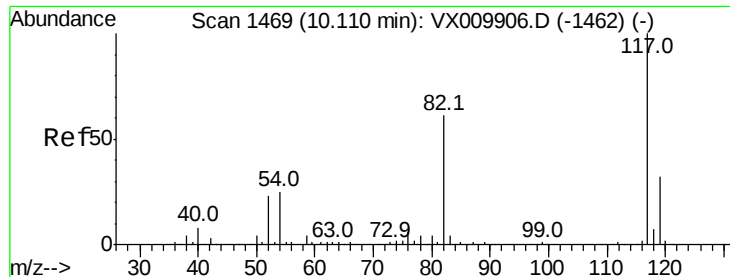


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

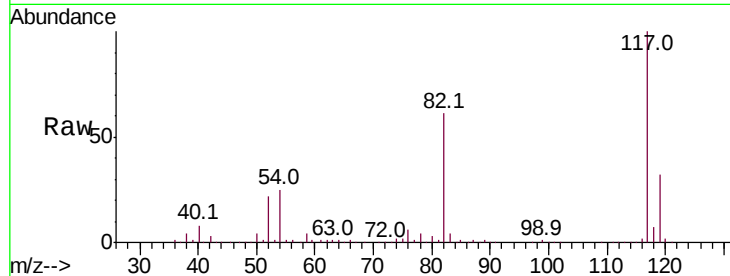




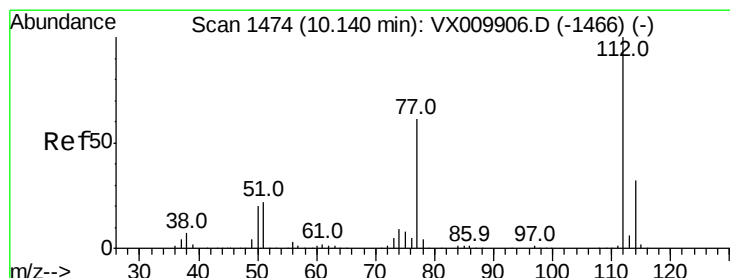
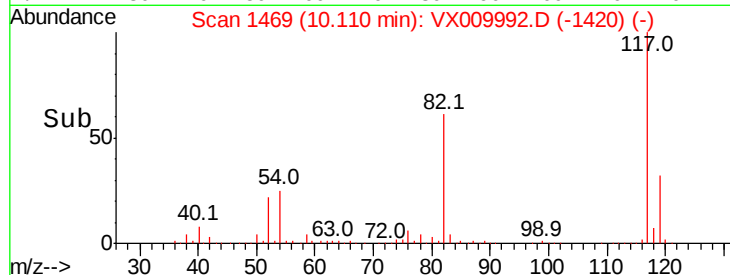
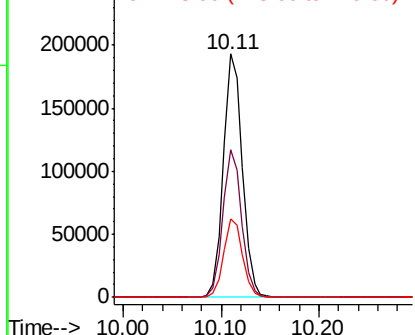
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009992.D
Acq: 31 May 2019 17:57

Instrument :
MSVOA_X
ClientSampleId :
LF014MW086-190530

Tot Ion:117 Resp: 259766
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 32.2 25.2 37.8

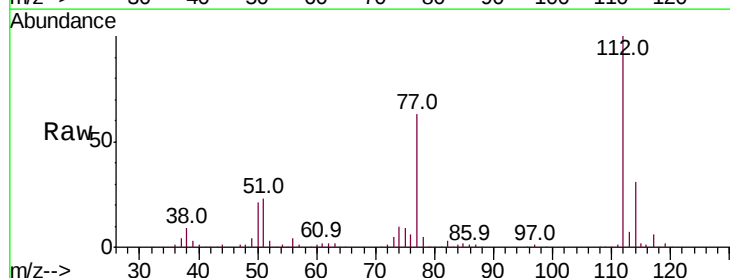


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

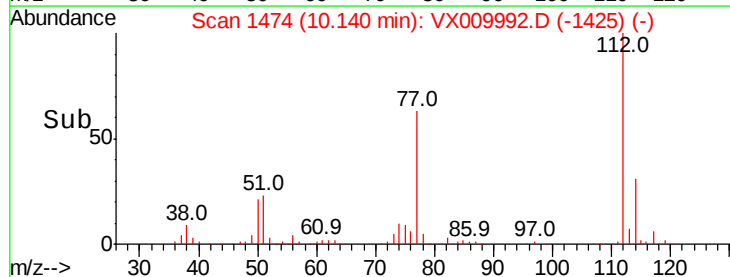
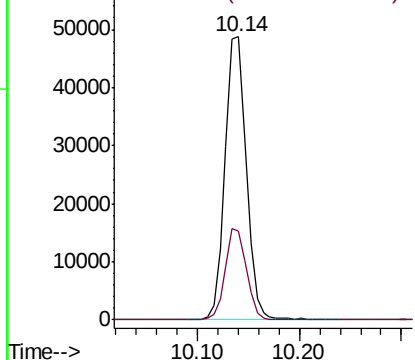


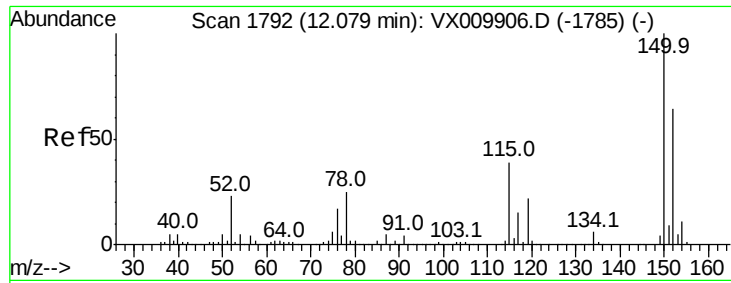
#65
Chlorobenzene
Concen: 12.979 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX009992.D
Acq: 31 May 2019 17:57

Tgt Ion:112 Resp: 70583
Ion Ratio Lower Upper
112 100
114 31.2 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: VX009992.D

Acq: 31 May 2019 17:57

Instrument :

MSVOA_X

ClientSampleId :

LF014MW086-190530

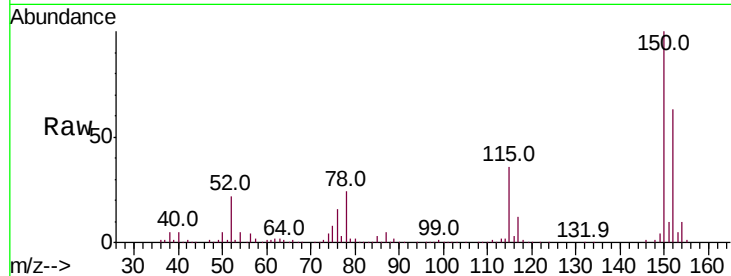
Tot Ion:152 Resp: 113491

Ion Ratio Lower Upper

152 100

115 58.9 41.4 124.2

150 157.0 0.0 345.2

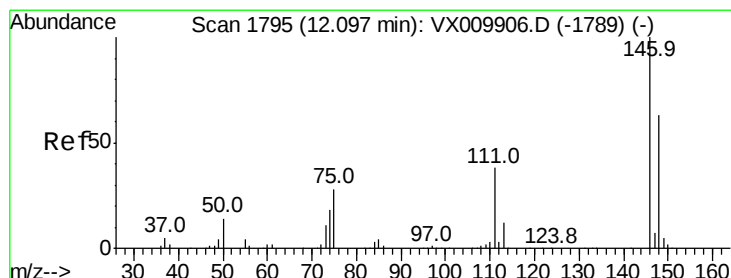
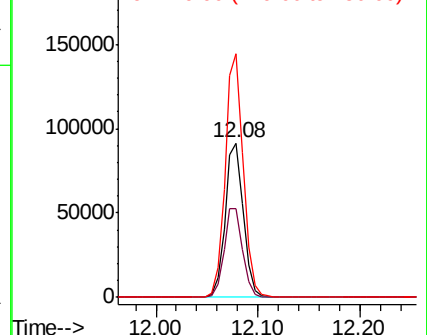
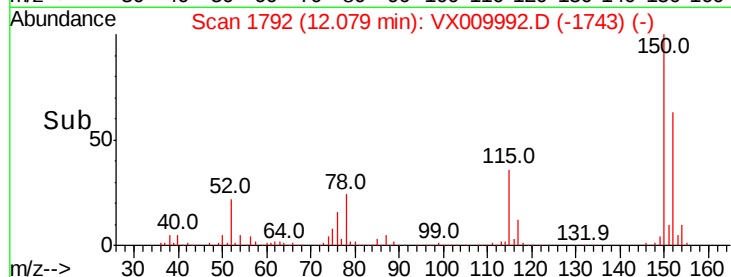


Abundance

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: 2.141 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009992.D

Acq: 31 May 2019 17:57

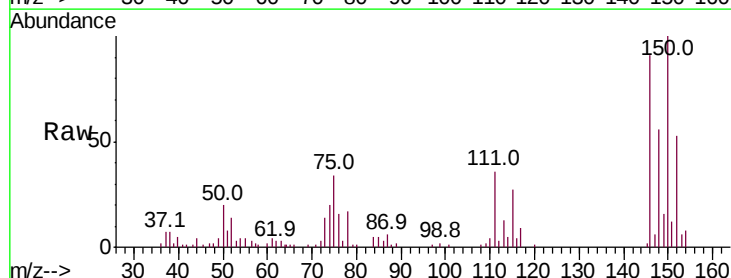
Tgt Ion:146 Resp: 8297

Ion Ratio Lower Upper

146 100

111 55.5 20.0 59.9

148 71.2 32.3 96.9

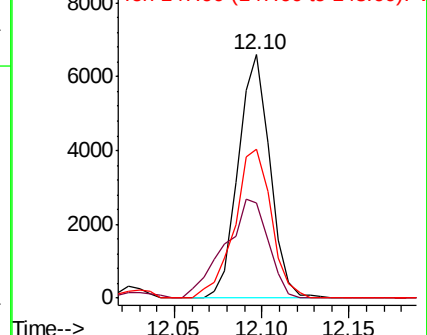
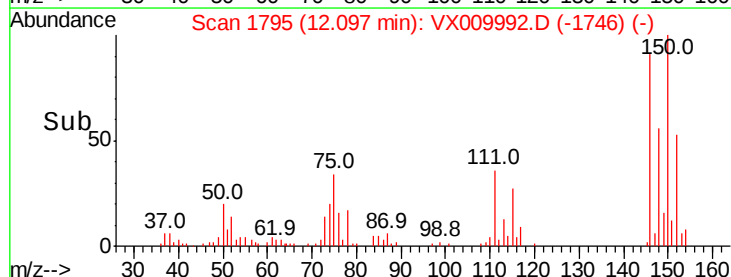


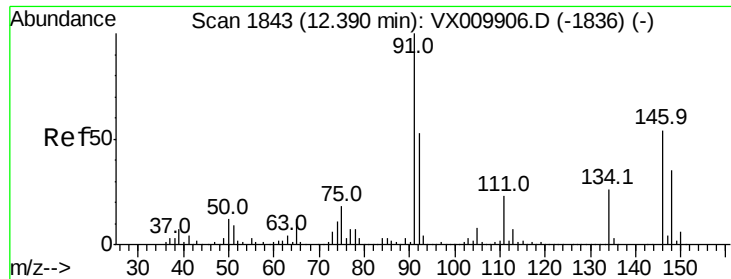
Abundance

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

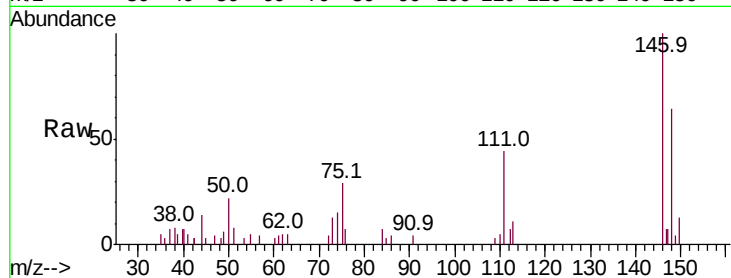




#91
 1,2-Dichlorobenzene
 Concen: 0.723 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009992.D
 Acq: 31 May 2019 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW086-190530

Tot Ion:146 Resp: 2707
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.1 63.1
 148 56.7 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

