

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010013.D
 Acq On : 01 Jun 2019 03:18
 Operator : JC/SP
 Sample : K3129-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW007-190528

Quant Time: Jun 01 06:52:35 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

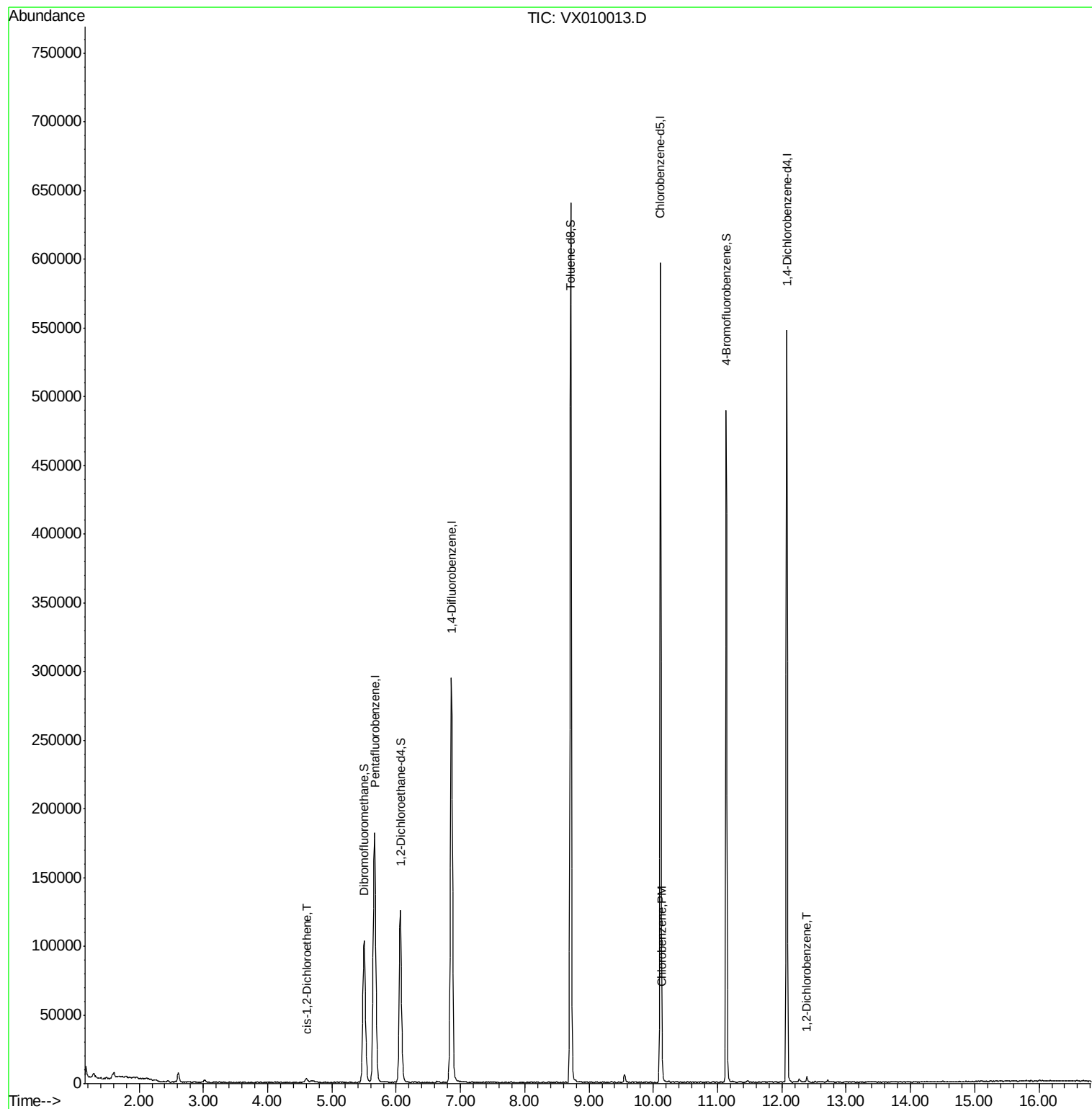
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119157	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
35) Dibromofluoromethane	5.51	113	88024	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	365420	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	123504	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	1435	0.620	ug/l	93
65) Chlorobenzene	10.14	112	3947	0.724	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	1130	0.301	ug/l	98

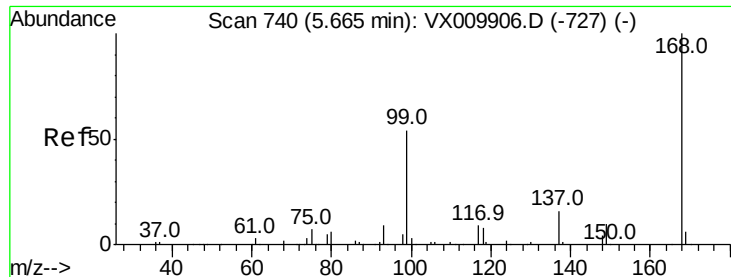
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010013.D

Acq: 01 Jun 2019 03:18

Instrument :

MSVOA_X

ClientSampleId :

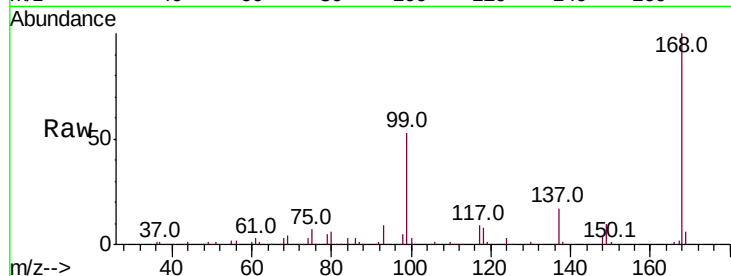
LF012MW007-190528

Tot Ion:168 Resp: 177965

Ion Ratio Lower Upper

168 100

99 52.9 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

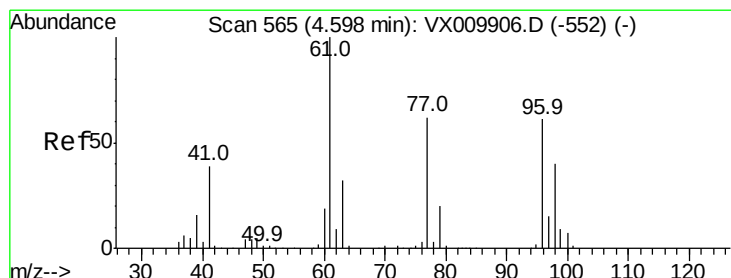
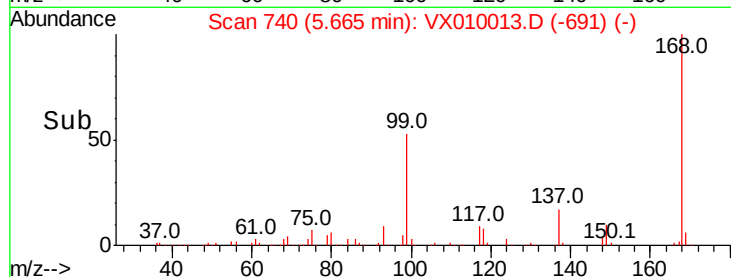
40000

20000

0

Time-->

5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.620 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX010013.D

Acq: 01 Jun 2019 03:18

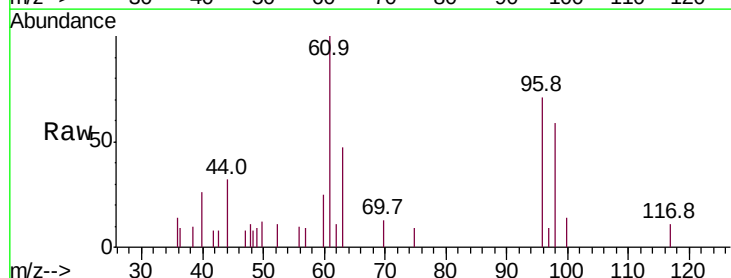
Tgt Ion: 96 Resp: 1435

Ion Ratio Lower Upper

96 100

61 161.3 0.0 334.0

98 77.9 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

1200

1000

800

600

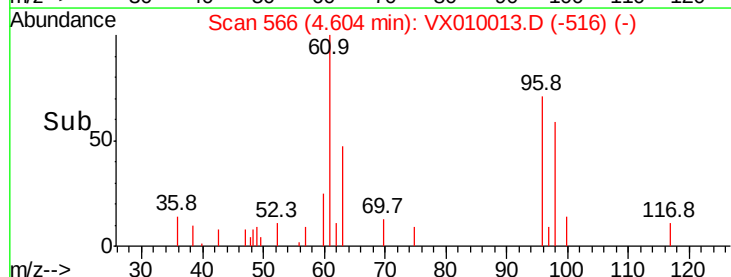
400

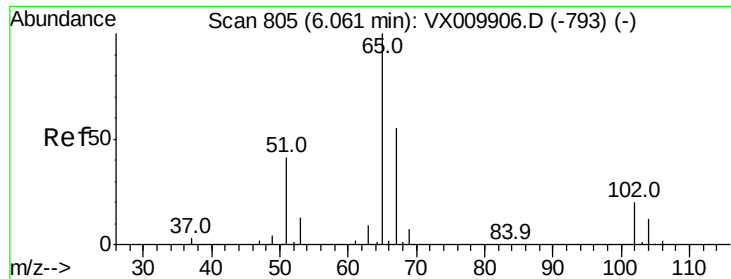
200

0

Time-->

4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 47.399 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010013.D

Acq: 01 Jun 2019 03:18

Instrument :

MSVOA_X

ClientSampleId :

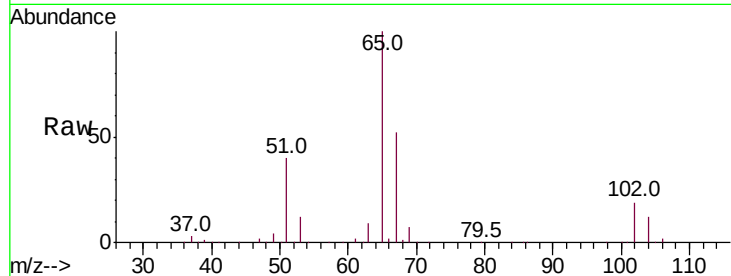
LF012MW007-190528

Tot Ion: 65 Resp: 119157

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

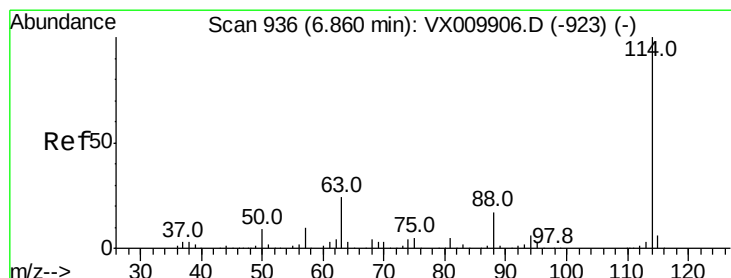
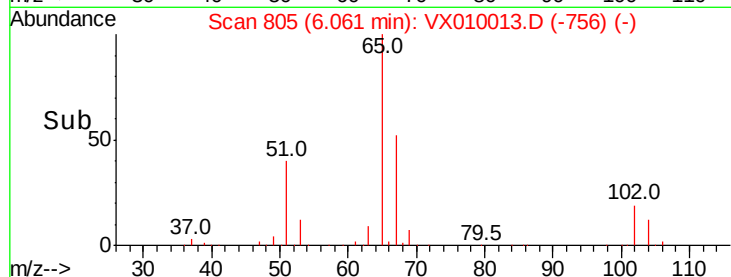
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010013.D

Acq: 01 Jun 2019 03:18

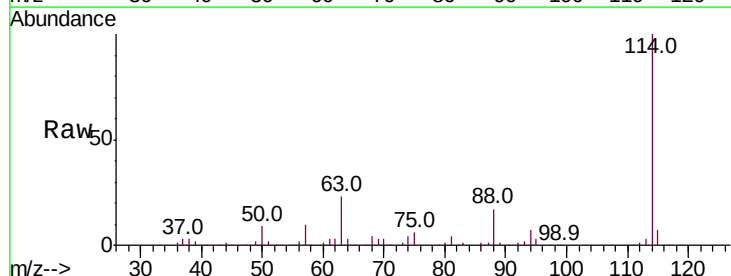
Tgt Ion: 114 Resp: 286647

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.4

88 17.1 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

150000

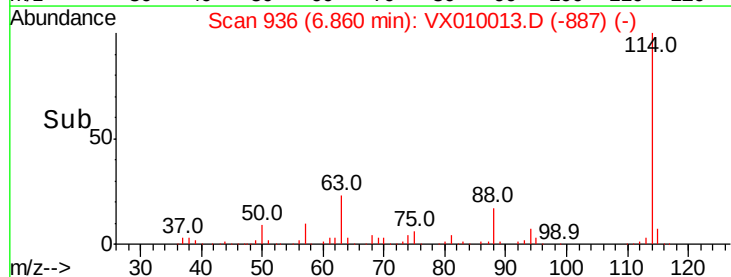
100000

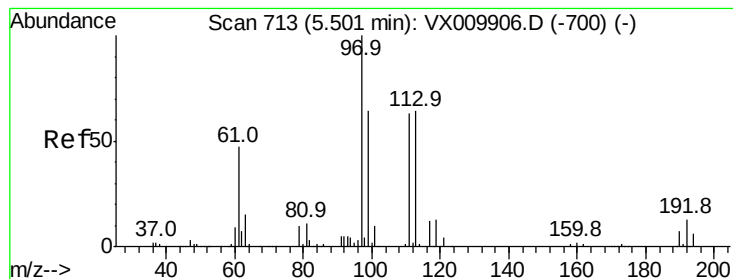
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 48.844 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX010013.D

Acq: 01 Jun 2019 03:18

Instrument :

MSVOA_X

ClientSampleId :

LF012MW007-190528

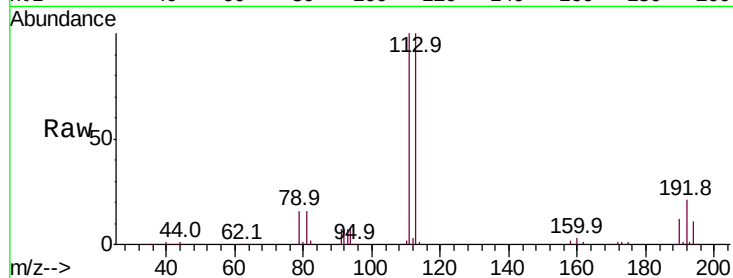
Tot Ion:113 Resp: 88024

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

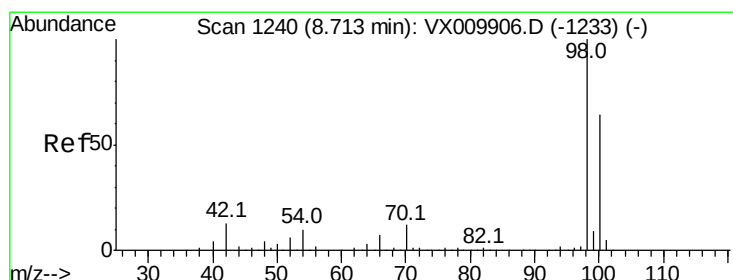
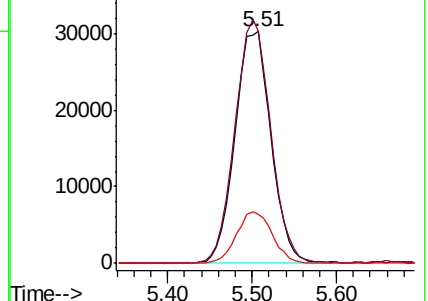
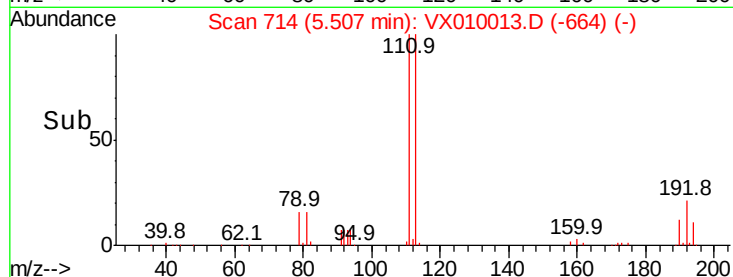
192 22.1 17.1 25.7



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: 49.933 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010013.D

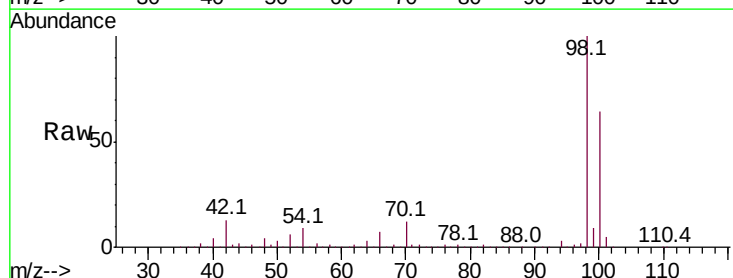
Acq: 01 Jun 2019 03:18

Tgt Ion: 98 Resp: 365420

Ion Ratio Lower Upper

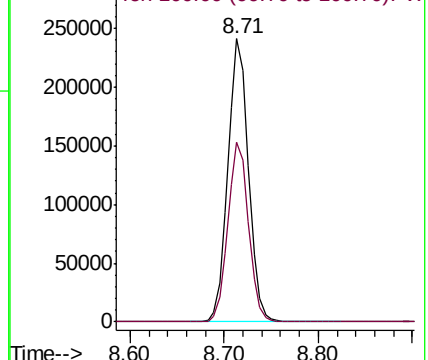
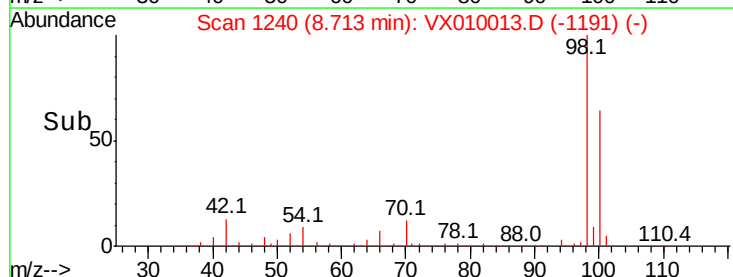
98 100

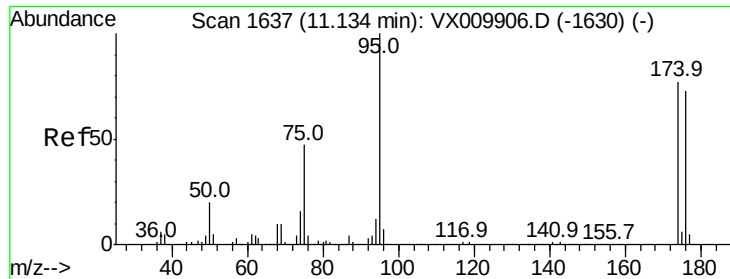
100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.986 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010013.D

Acq: 01 Jun 2019 03:18

Instrument :

MSVOA_X

ClientSampleId :

LF012MW007-190528

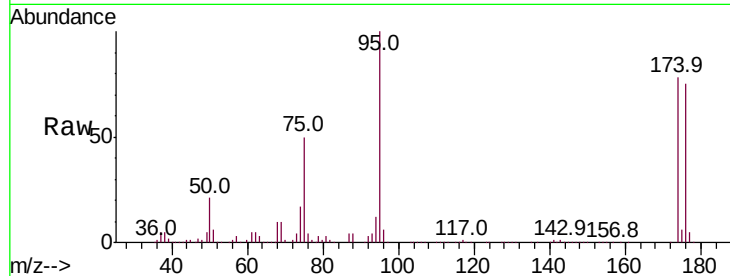
Tot Ion: 95 Resp: 123504

Ion Ratio Lower Upper

95 100

174 82.5 0.0 160.4

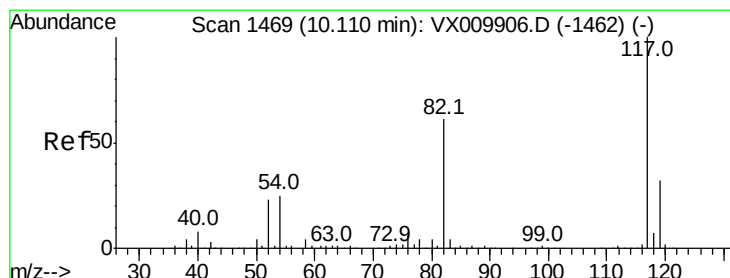
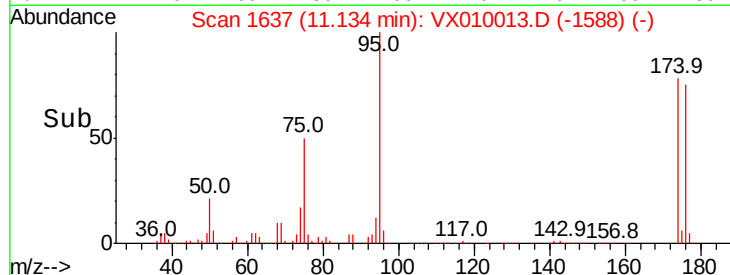
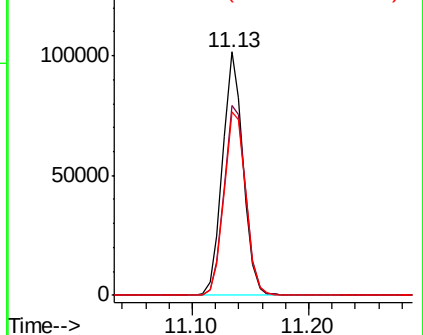
176 80.3 0.0 154.6



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: VX010013.D

Acq: 01 Jun 2019 03:18

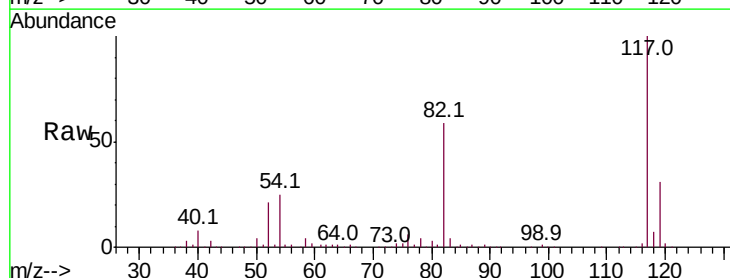
Tgt Ion: 117 Resp: 260356

Ion Ratio Lower Upper

117 100

82 59.4 49.2 73.8

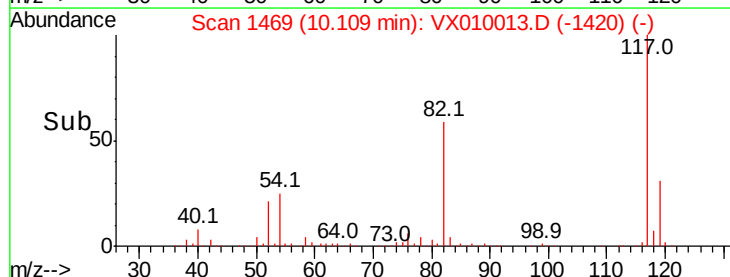
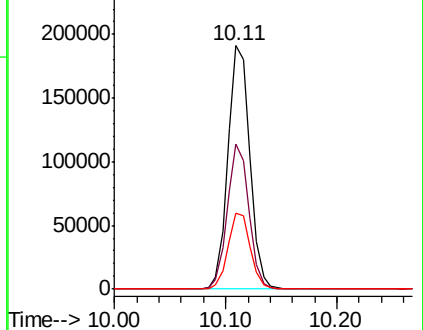
119 31.3 25.2 37.8

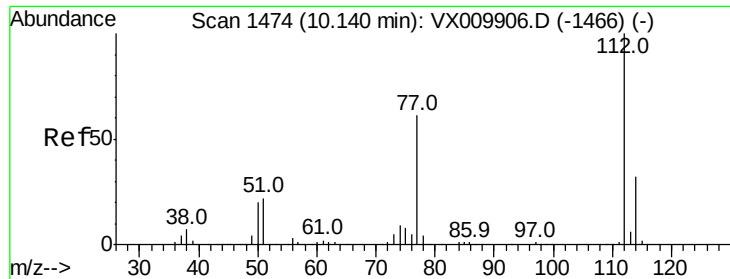


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 0.724 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX010013.D

Acq: 01 Jun 2019 03:18

Instrument :

MSVOA_X

ClientSampleId :

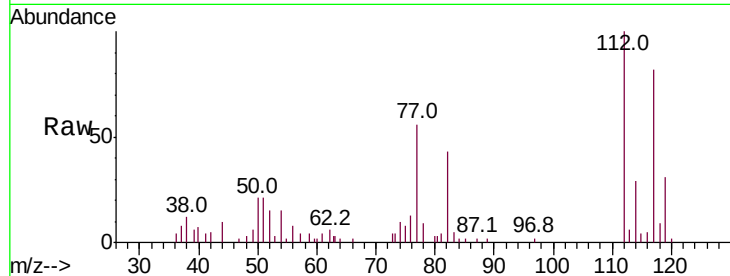
LF012MW007-190528

Tot Ion:112 Resp: 3947

Ion Ratio Lower Upper

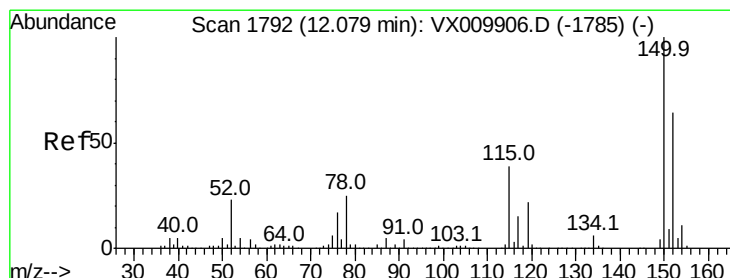
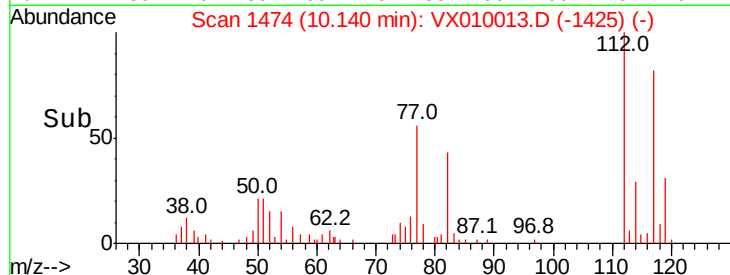
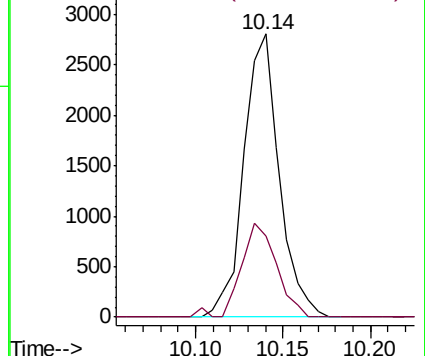
112 100

114 28.7 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: VX010013.D

Acq: 01 Jun 2019 03:18

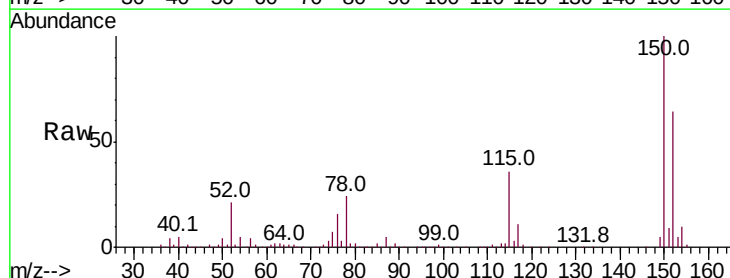
Tgt Ion:152 Resp: 113579

Ion Ratio Lower Upper

152 100

115 58.1 41.4 124.2

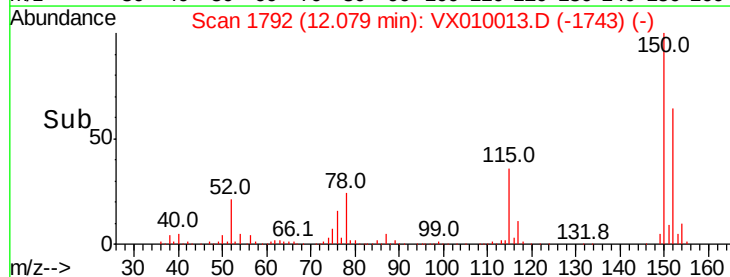
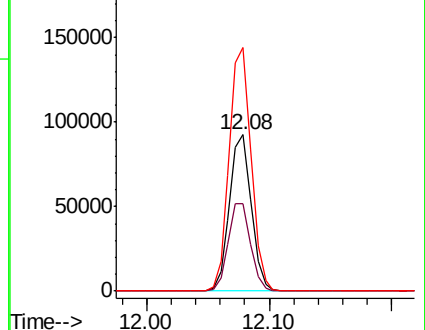
150 157.2 0.0 345.2

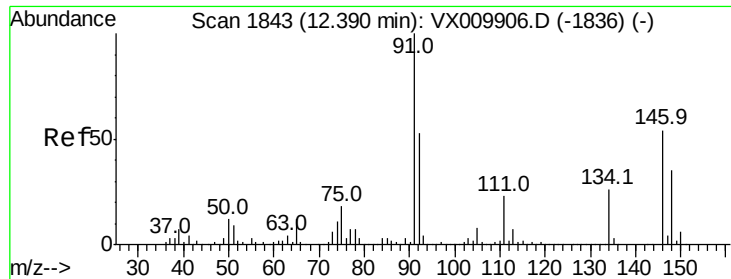


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

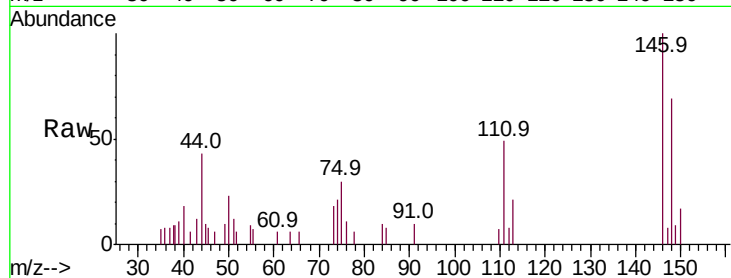




#91
 1,2-Dichlorobenzene
 Concen: 0.301 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010013.D
 Acq: 01 Jun 2019 03:18

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW007-190528

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.1	63.1
148	63.5	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

