

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009582.D
 Acq On : 15 May 2019 16:01
 Operator : JC/SP
 Sample : K2856-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS036-190514

Quant Time: May 16 02:01:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

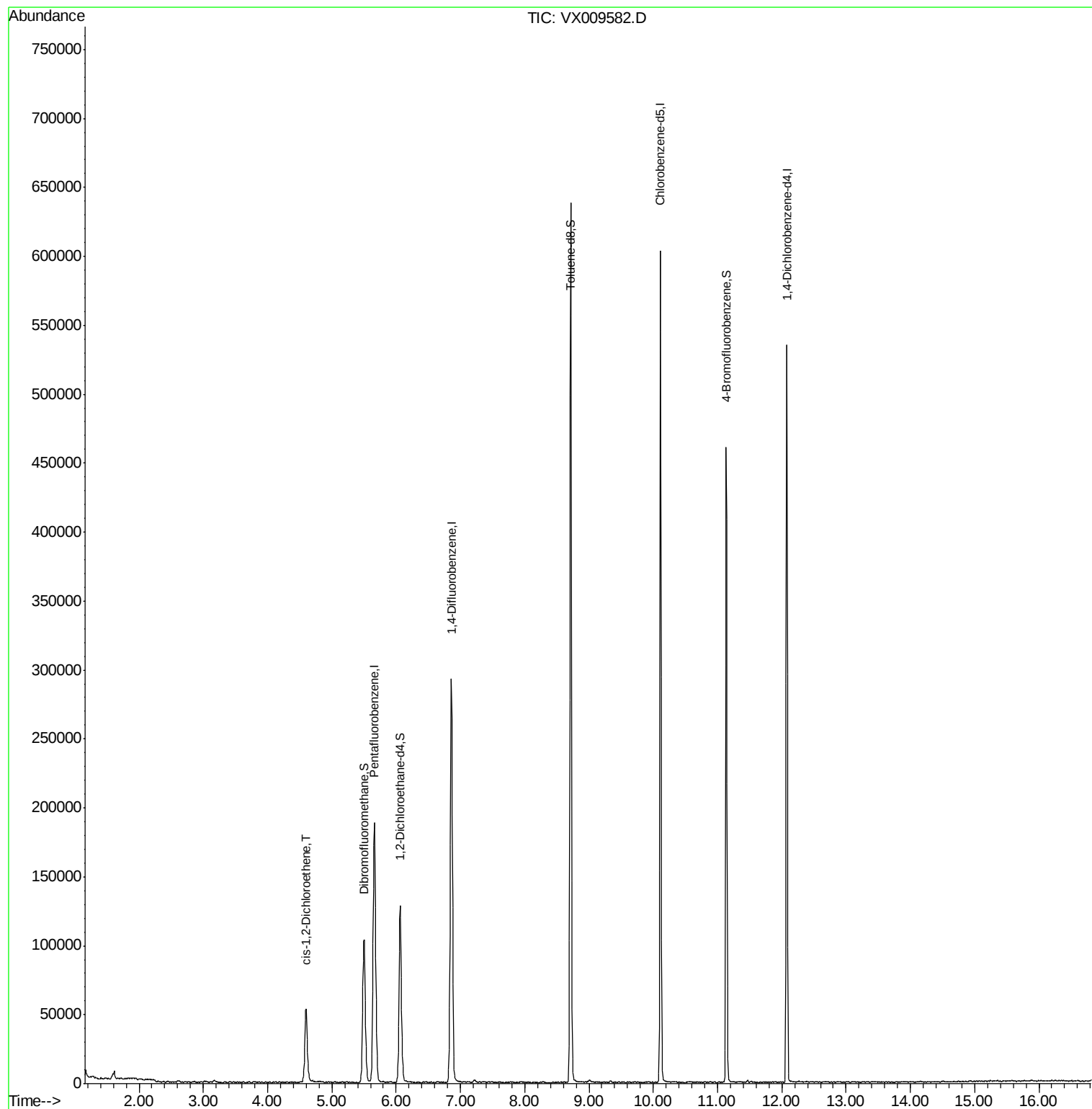
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119904	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	5.50	113	89120	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	8.71	98	364249	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.13	95	120604	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	34162	15.468	ug/l	Qvalue 88

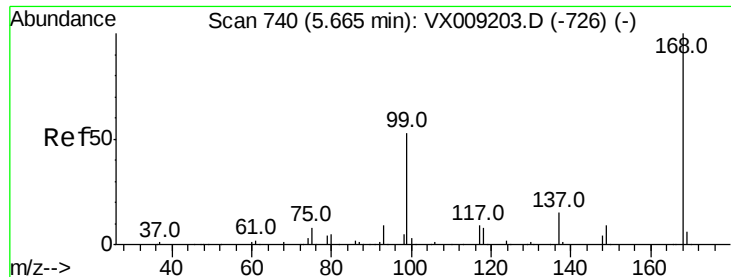
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051519\
Data File : VX009582.D
Acq On : 15 May 2019 16:01
Operator : JC/SP
Sample : K2856-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS036-190514

Quant Time: May 16 02:01:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009582.D

Acq: 15 May 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

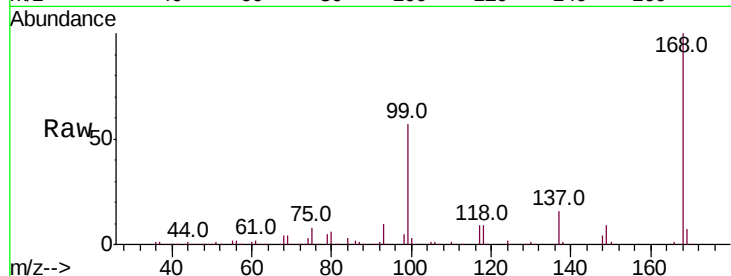
KY038PS036-190514

Tot Ion:168 Resp: 181840

Ion Ratio Lower Upper

168 100

99 57.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

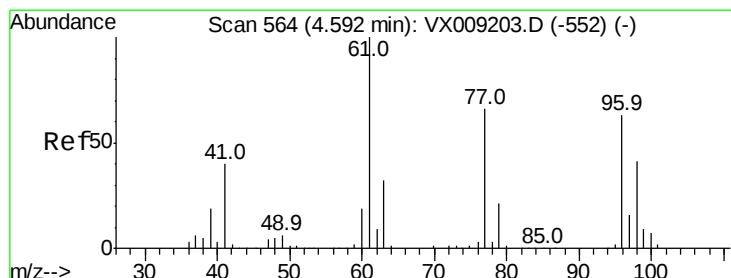
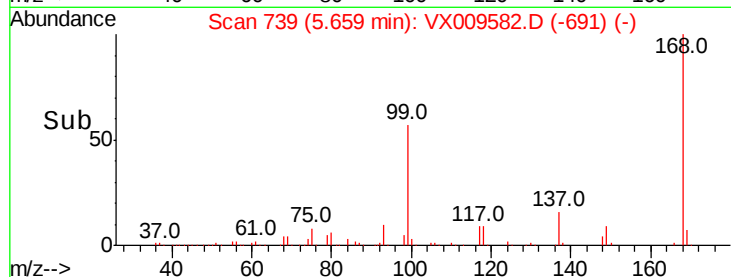
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 15.468 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX009582.D

Acq: 15 May 2019 16:01

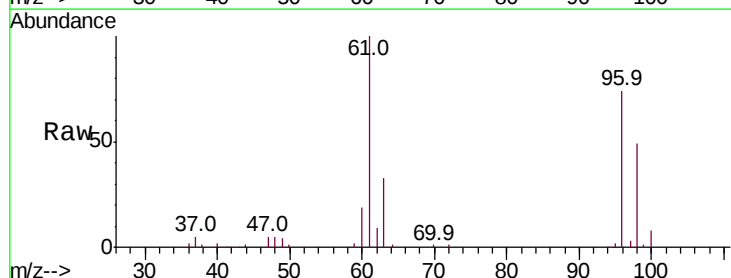
Tgt Ion: 96 Resp: 34162

Ion Ratio Lower Upper

96 100

61 141.7 0.0 324.0

98 63.4 0.0 130.4



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

4.59

20000

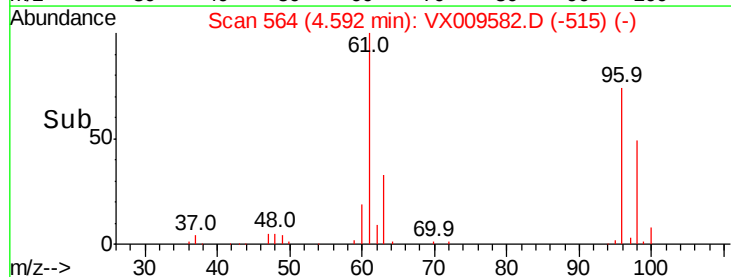
15000

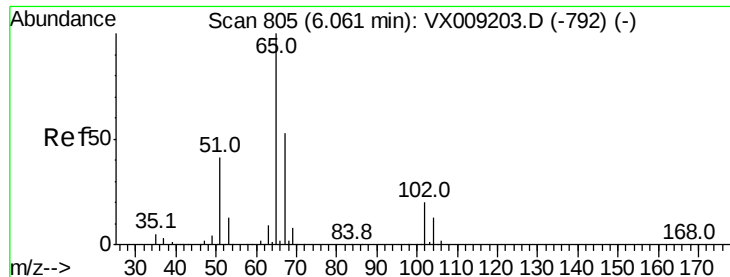
10000

5000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.303 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009582.D

Acq: 15 May 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

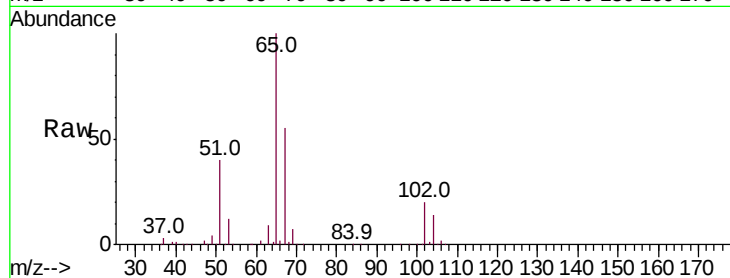
KY038PS036-190514

Tot Ion: 65 Resp: 119904

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

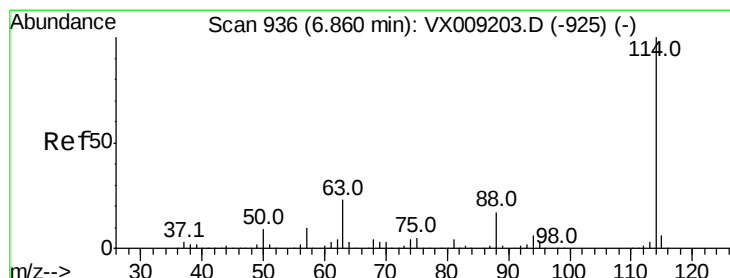
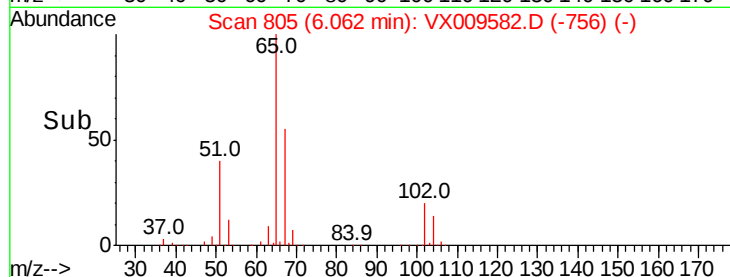
20000

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: VX009582.D

Acq: 15 May 2019 16:01

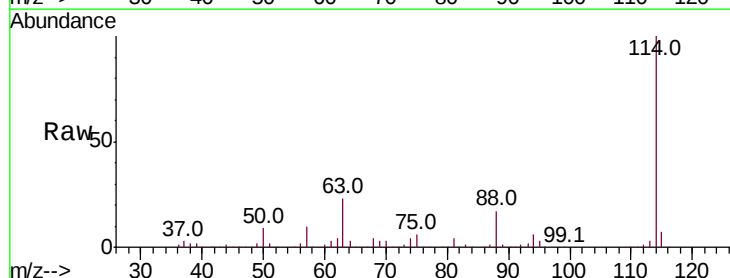
Tgt Ion:114 Resp: 291500

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

88 16.7 0.0 33.2



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

6.86

150000

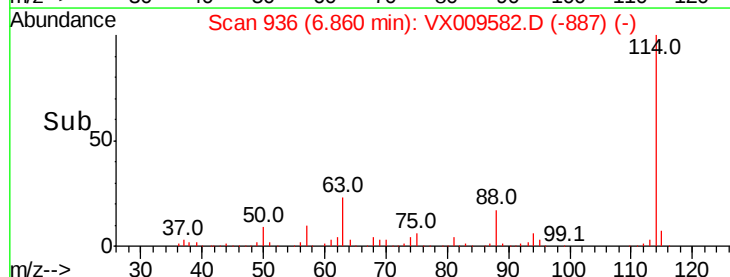
100000

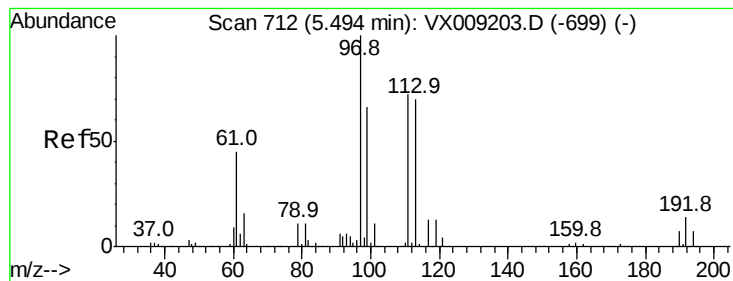
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.633 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009582.D

Acq: 15 May 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

KY038PS036-190514

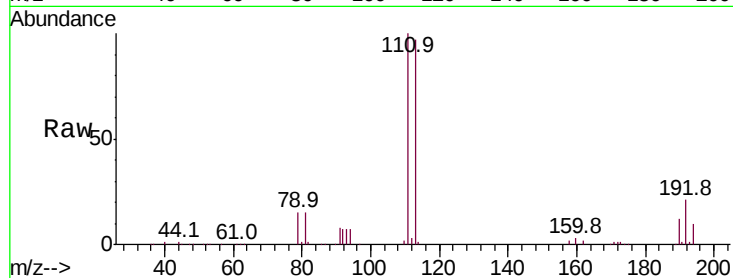
Tot Ion:113 Resp: 89120

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

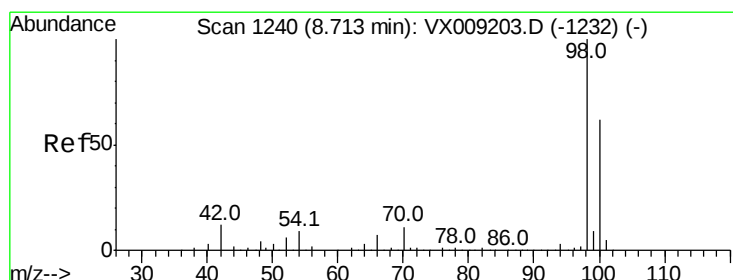
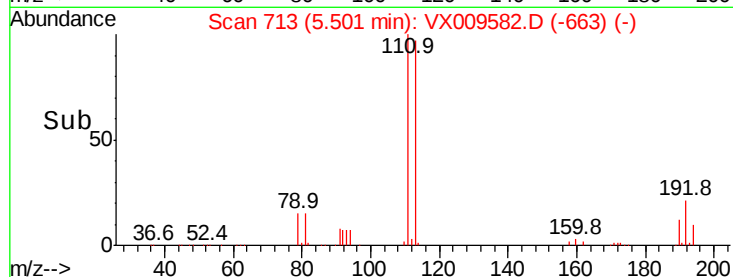
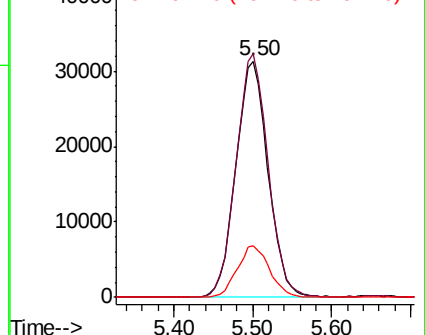
192 21.8 17.0 25.6



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: 49.235 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009582.D

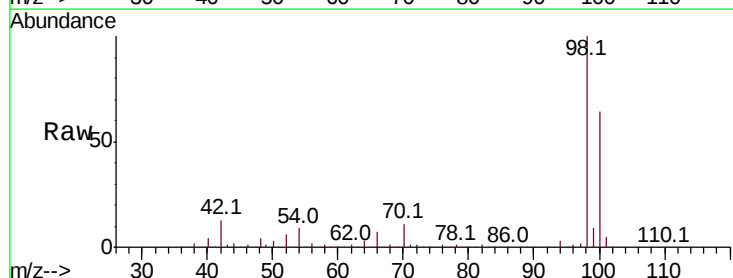
Acq: 15 May 2019 16:01

Tgt Ion: 98 Resp: 364249

Ion Ratio Lower Upper

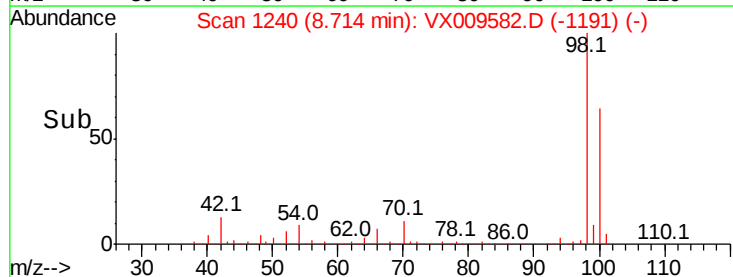
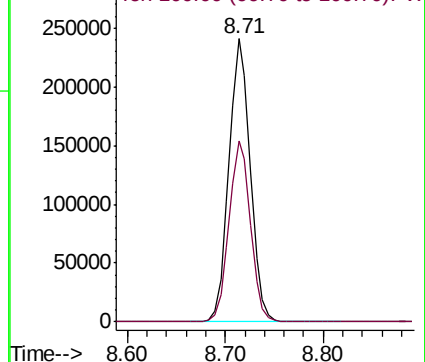
98 100

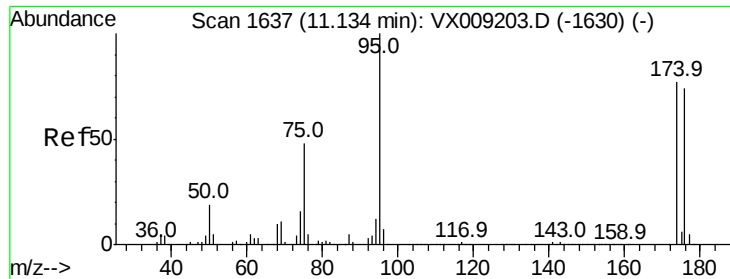
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.864 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009582.D

Acq: 15 May 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

KY038PS036-190514

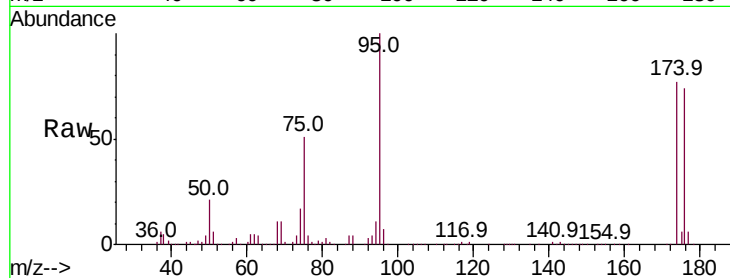
Tot Ion: 95 Resp: 120604

Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

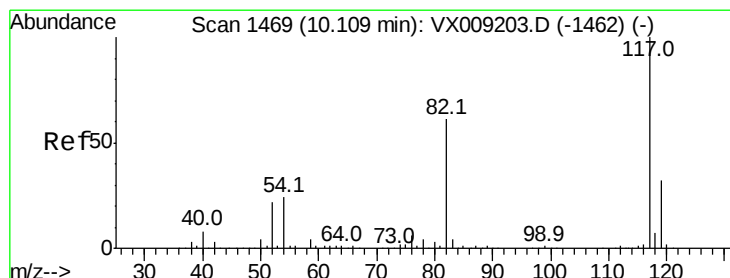
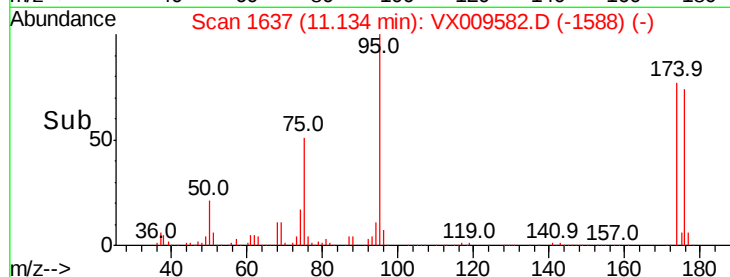
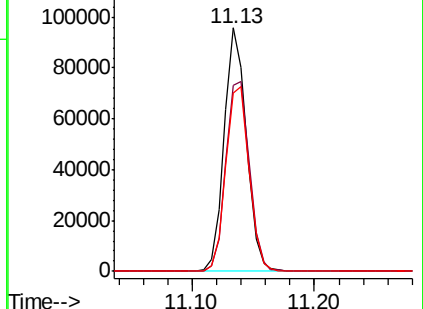
176 79.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009582.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009582.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009582.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009582.D

Acq: 15 May 2019 16:01

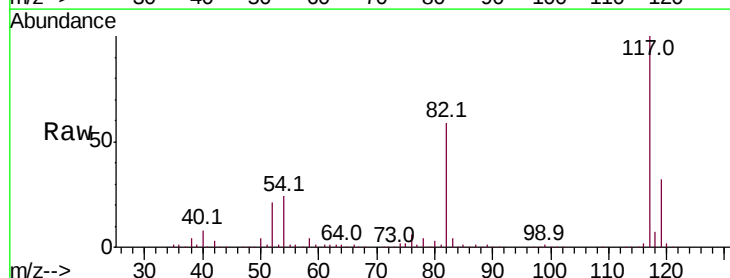
Tgt Ion: 117 Resp: 256509

Ion Ratio Lower Upper

117 100

82 59.2 48.8 73.2

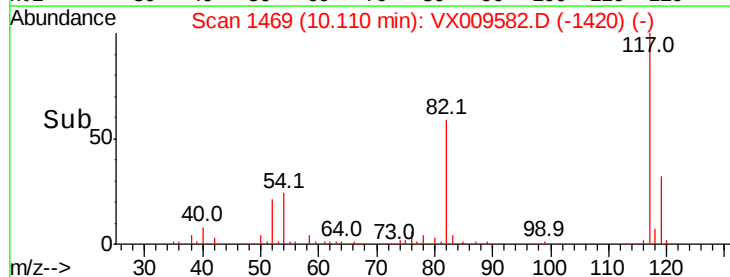
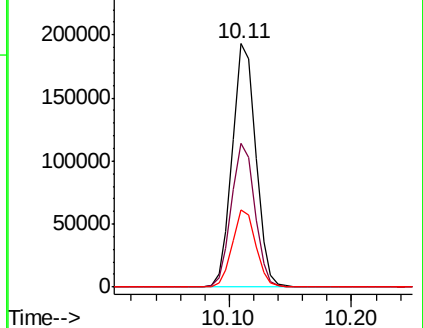
119 31.6 25.8 38.6

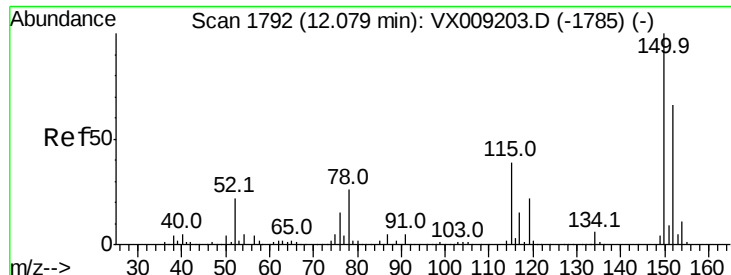


Abundance Ion 116.90 (116.60 to 117.60): VX009582.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009582.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009582.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009582.D

Acq: 15 May 2019 16:01

Instrument :

MSVOA_X

ClientSampleId :

KY038PS036-190514

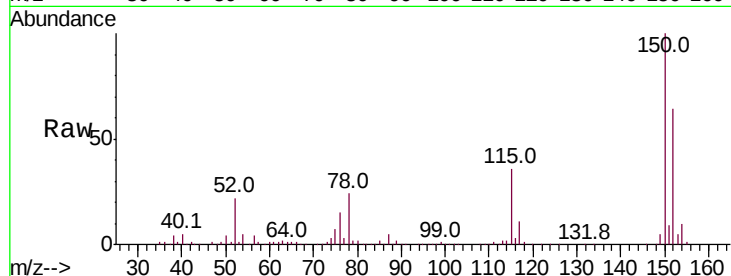
Tot Ion:152 Resp: 110645

Ion Ratio Lower Upper

152 100

115 58.0 41.2 123.6

150 157.9 0.0 346.4



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

