

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009456.D
 Acq On : 10 May 2019 03:03
 Operator : JC/SP
 Sample : K2782-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW041R-190508

Quant Time: May 10 08:43:27 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

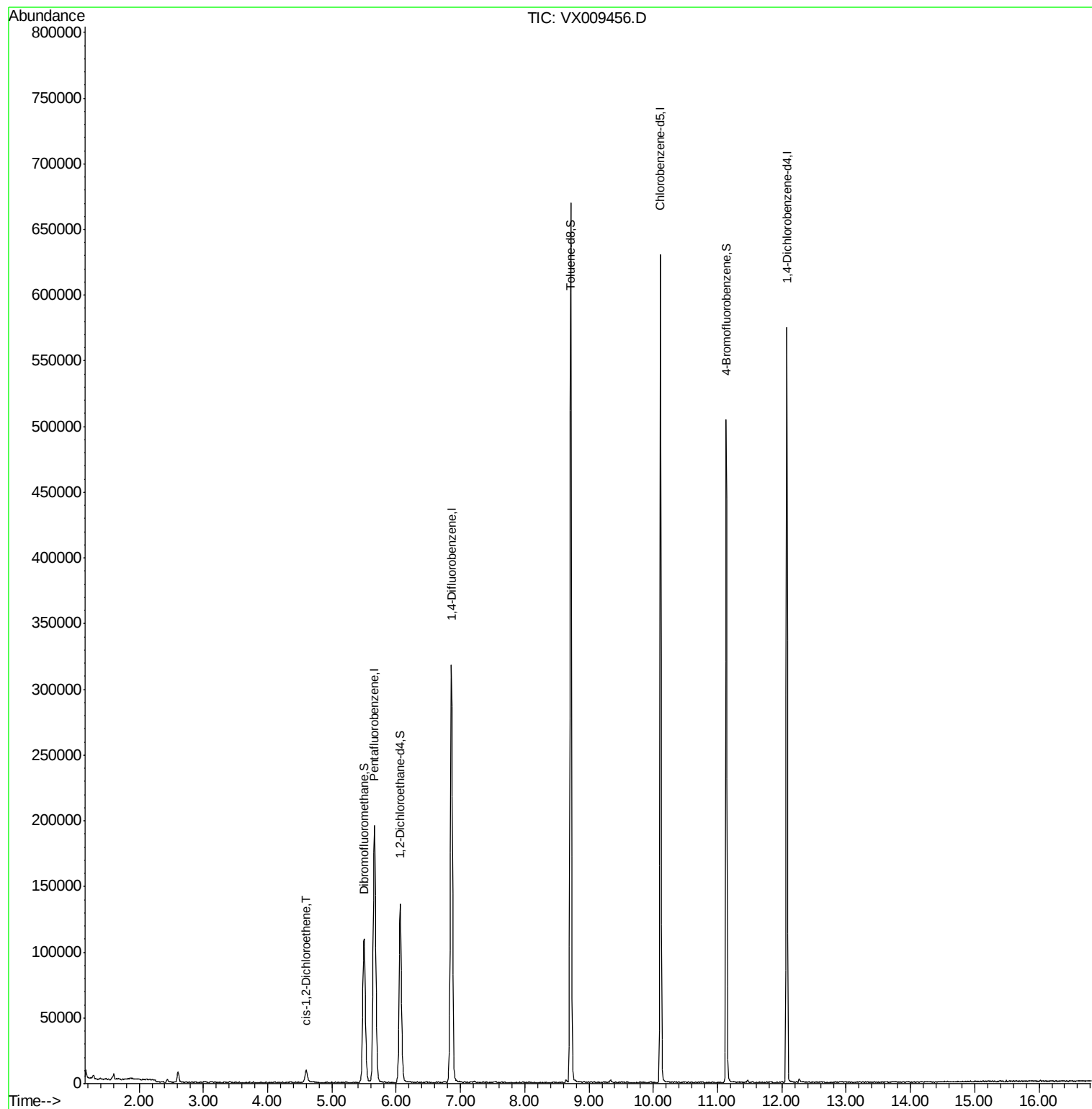
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128513	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
35) Dibromofluoromethane	5.50	113	94480	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	8.71	98	389389	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	129041	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	5465	2.321	ug/l	Qvalue 91

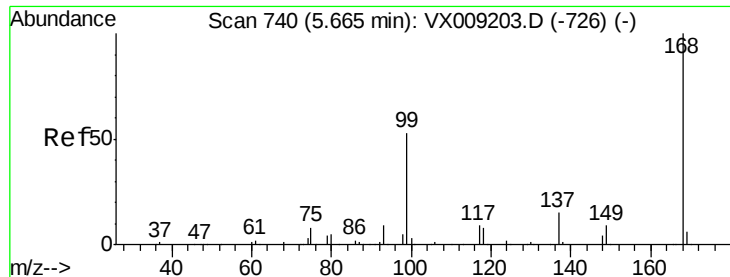
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009456.D

Acq: 10 May 2019 03:03

Instrument :

MSVOA_X

ClientSampleId :

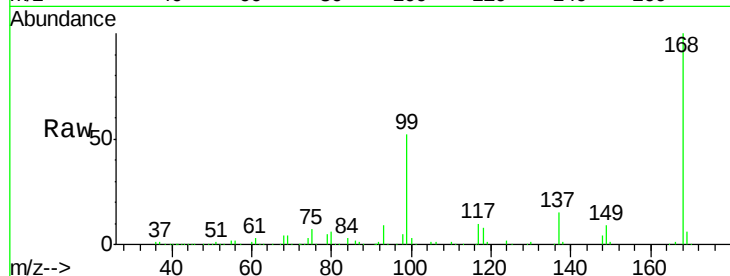
SS040MW041R-190508

Tot Ion:168 Resp: 193899

Ion Ratio Lower Upper

168 100

99 52.2 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

80000

60000

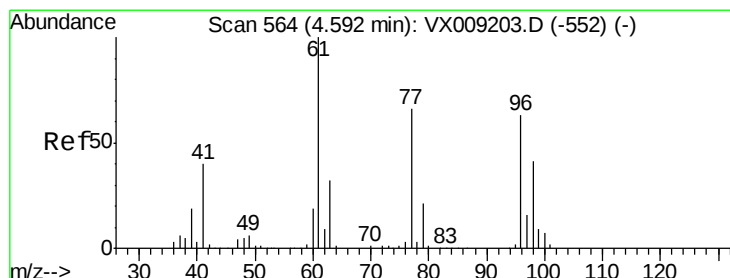
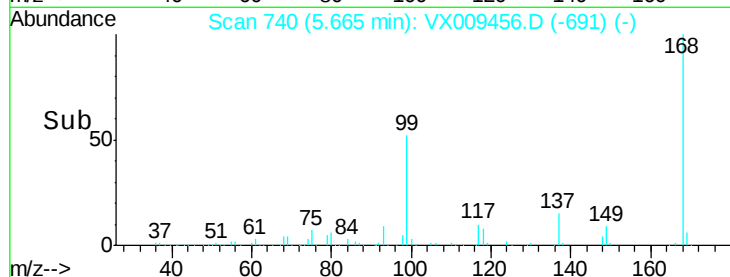
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 2.321 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009456.D

Acq: 10 May 2019 03:03

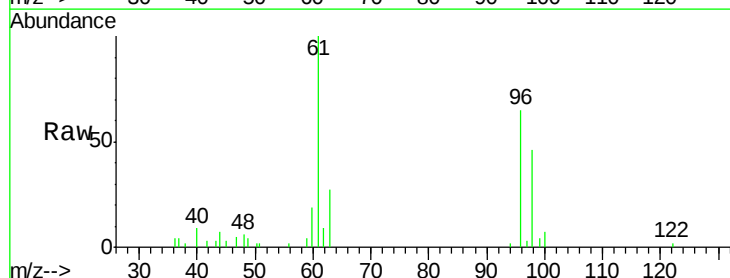
Tgt Ion: 96 Resp: 5465

Ion Ratio Lower Upper

96 100

61 147.5 0.0 324.0

98 69.9 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

4000

3000

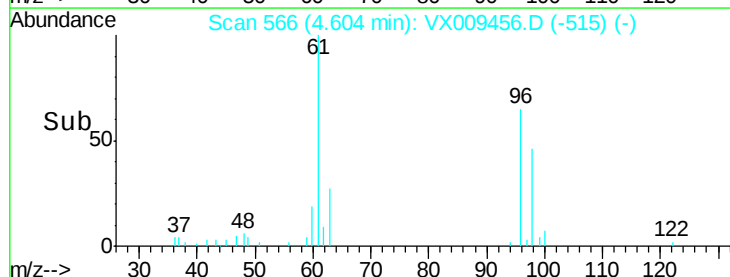
2000

1000

0

Time-->

4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.551 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009456.D

Acq: 10 May 2019 03:03

Instrument :

MSVOA_X

ClientSampleId :

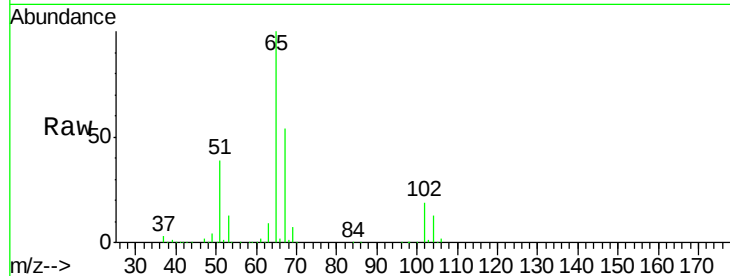
SS040MW041R-190508

Tot Ion: 65 Resp: 128513

Ion Ratio Lower Upper

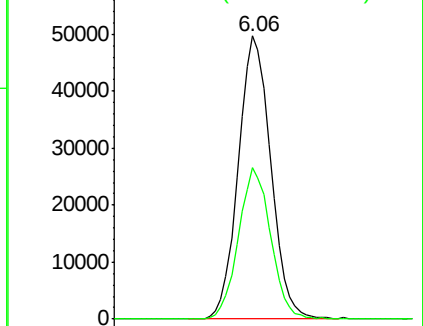
65 100

67 53.2 0.0 106.6

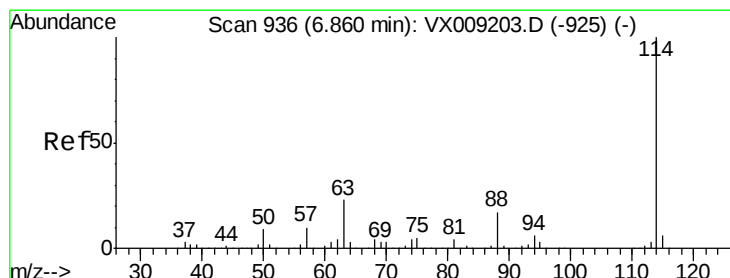
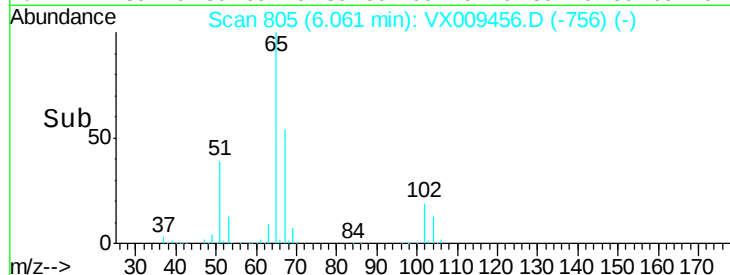


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009456.D

Acq: 10 May 2019 03:03

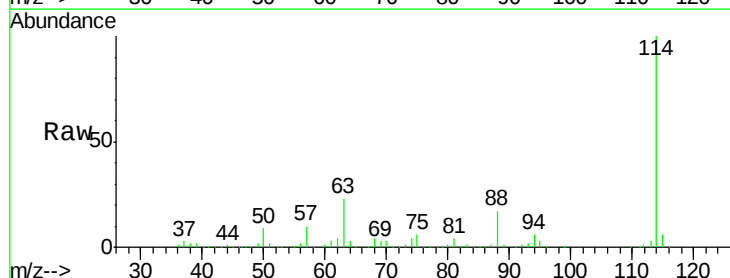
Tgt Ion: 114 Resp: 311888

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

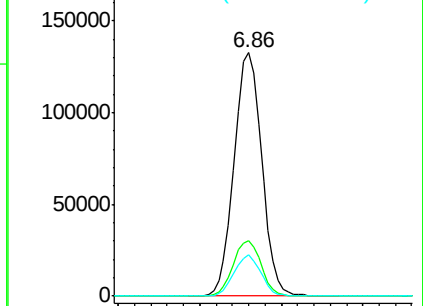
88 16.8 0.0 33.2



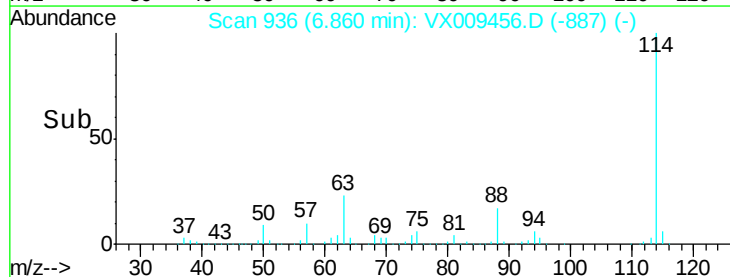
Abundance Ion 113.90 (113.60 to 114.60): V

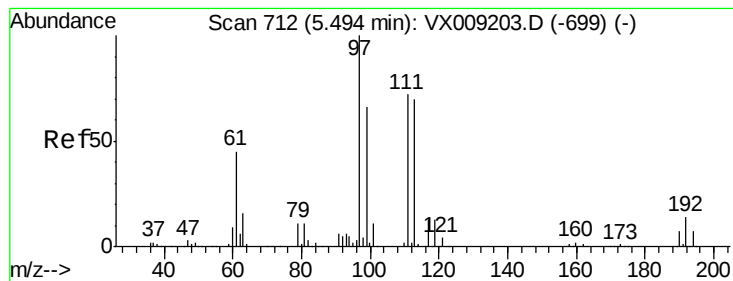
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





#35

Dibromofluoromethane

Concen: 48.188 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009456.D

Acq: 10 May 2019 03:03

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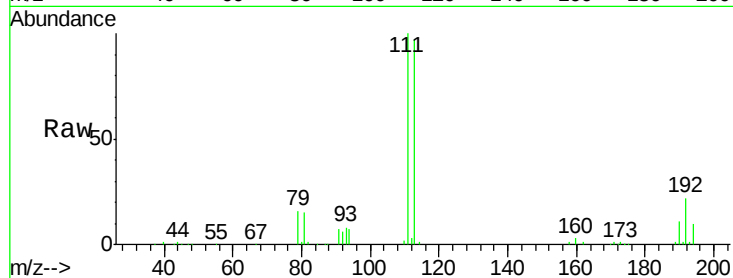
Tot Ion:113 Resp: 94480

Ion Ratio Lower Upper

113 100

111 104.5 82.8 124.2

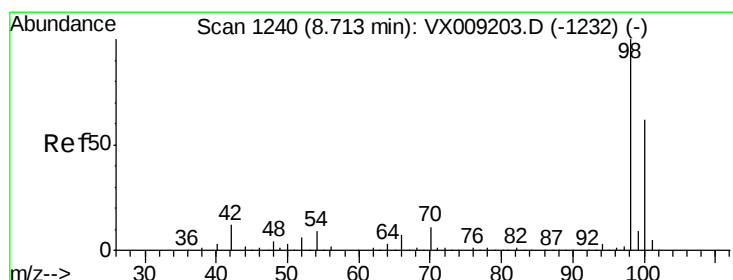
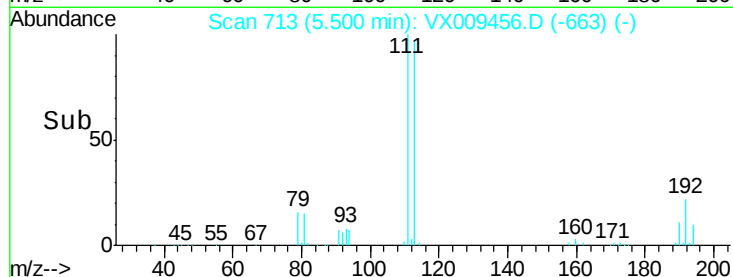
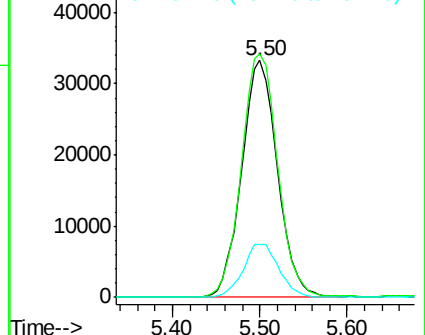
192 22.4 17.0 25.6



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: 49.192 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009456.D

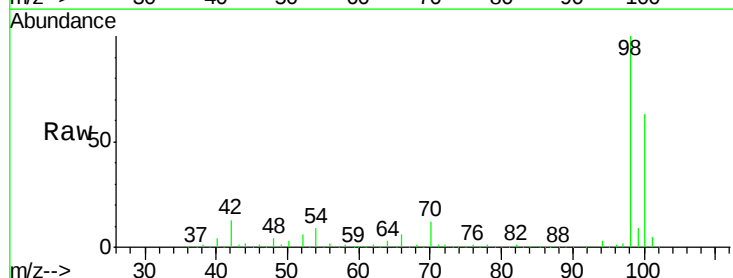
Acq: 10 May 2019 03:03

Tgt Ion: 98 Resp: 389389

Ion Ratio Lower Upper

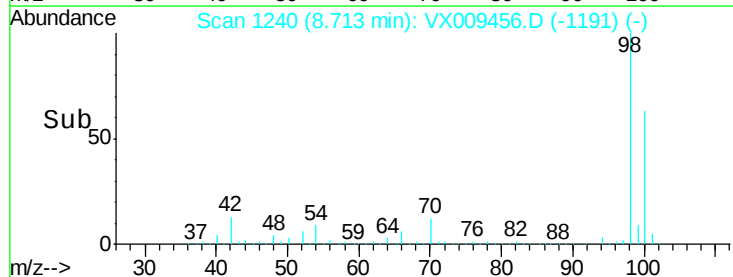
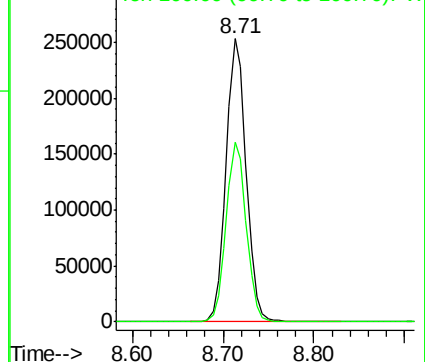
98 100

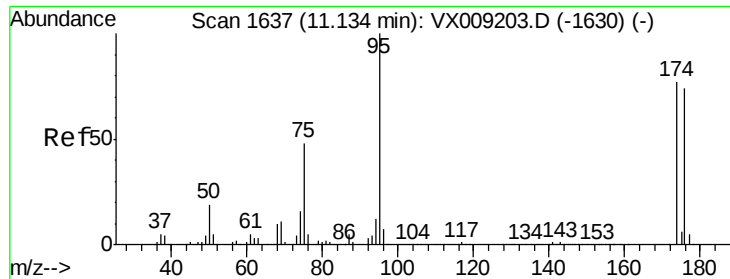
100 63.8 51.2 76.8



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: VX009456.D

Acq: 10 May 2019 03:03

Instrument :

MSVOA_X

ClientSampleId :

SS040MW041R-190508

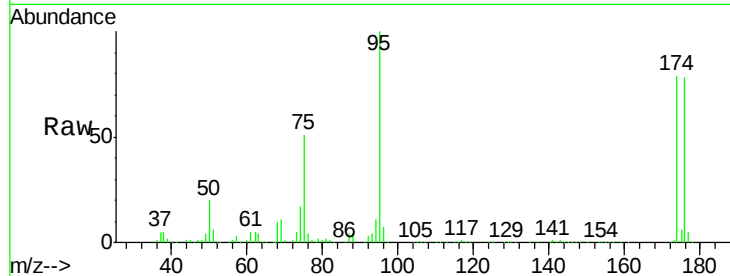
Tot Ion: 95 Resp: 129041

Ion Ratio Lower Upper

95 100

174 83.1 0.0 161.6

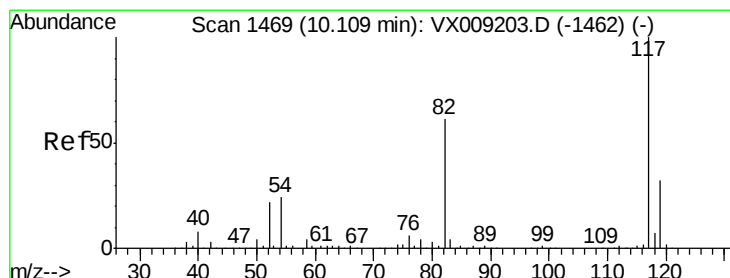
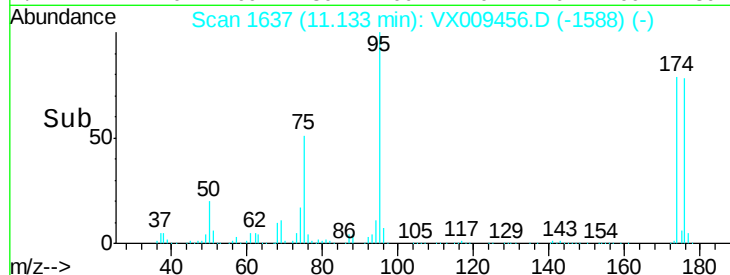
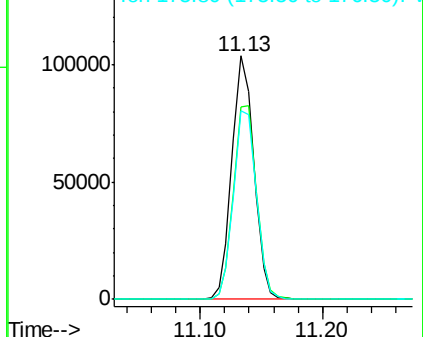
176 80.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009456.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009456.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009456.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009456.D

Acq: 10 May 2019 03:03

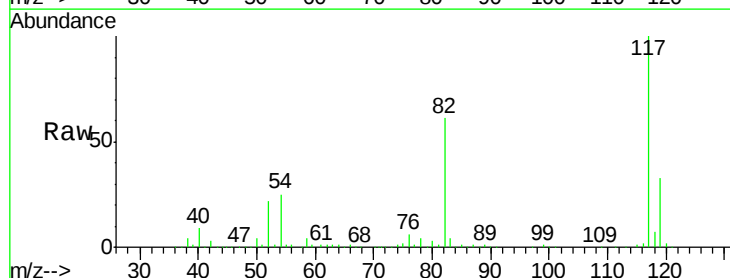
Tgt Ion: 117 Resp: 273685

Ion Ratio Lower Upper

117 100

82 61.3 48.8 73.2

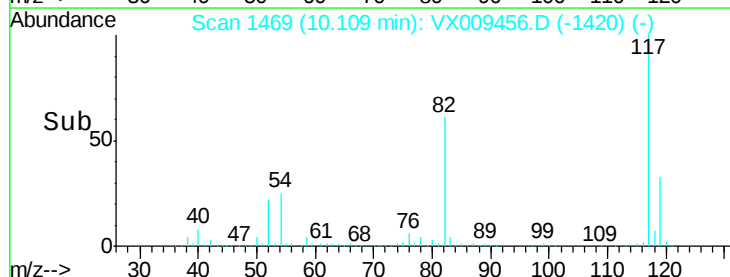
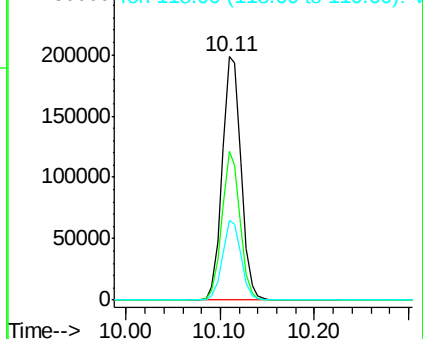
119 32.9 25.8 38.6

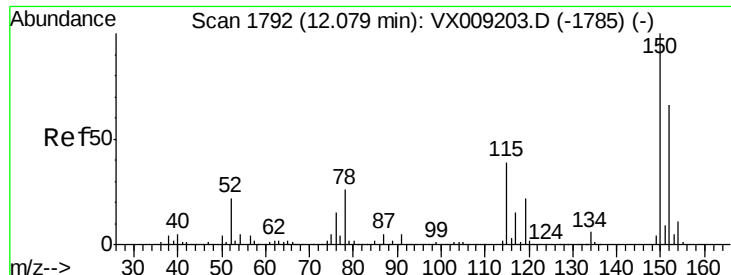


Abundance Ion 116.90 (116.60 to 117.60): VX009456.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009456.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009456.D (-1420) (-)

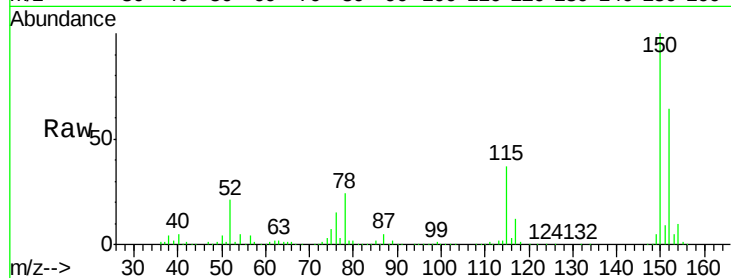




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009456.D
 Acq: 10 May 2019 03:03

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW041R-190508

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.2	123.6
150	156.9	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

