

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
 Data File : VX015847.D
 Acq On : 22 Apr 2020 17:23
 Operator : JC/SP
 Sample : L2363-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-200420

Quant Time: Apr 23 12:12:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

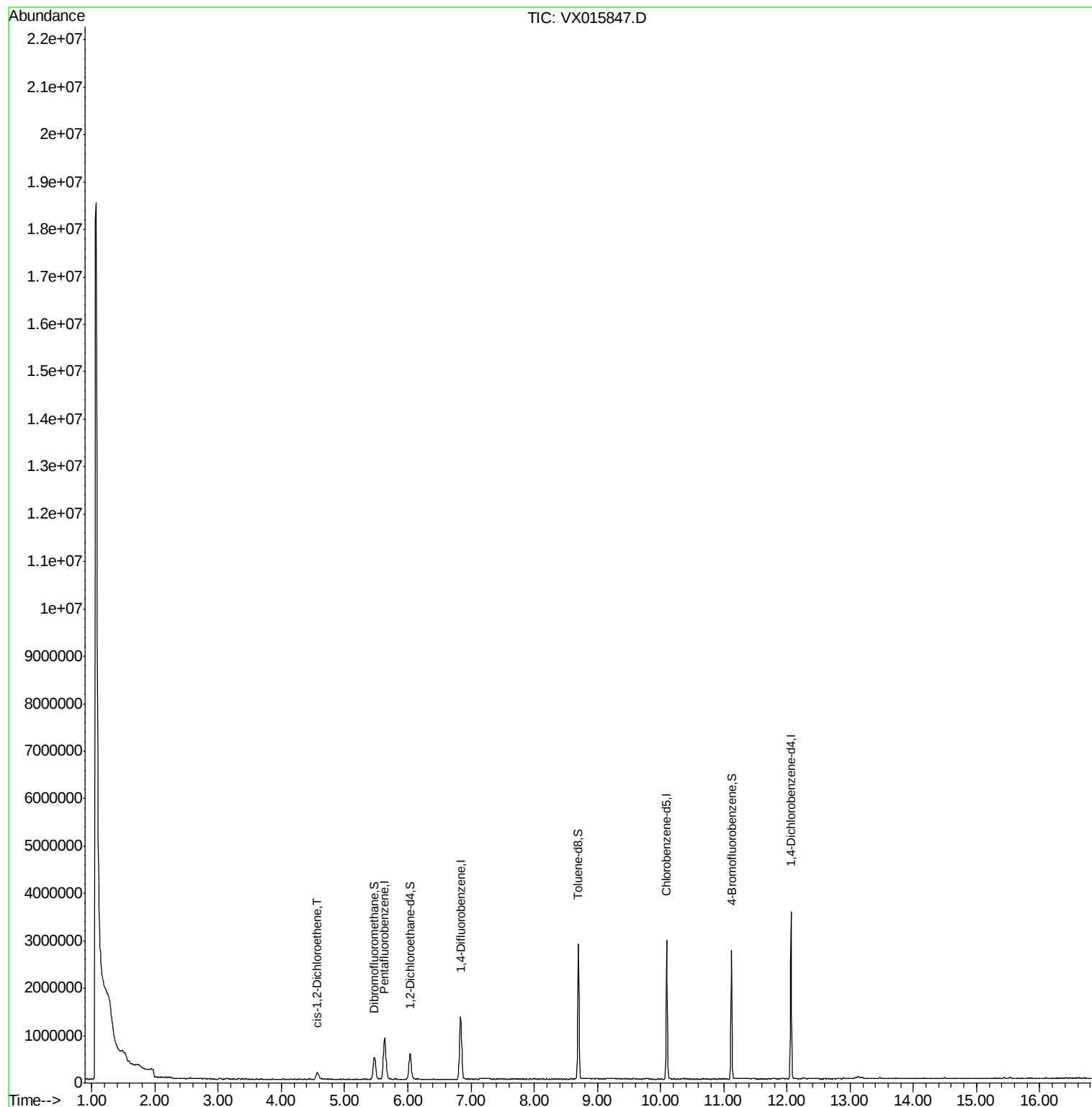
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	904334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1383123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1333310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	739038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	502767	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	5.47	113	399254	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	8.70	98	1658675	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.12	95	699911	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	96201	9.642	ug/l	Qvalue 89

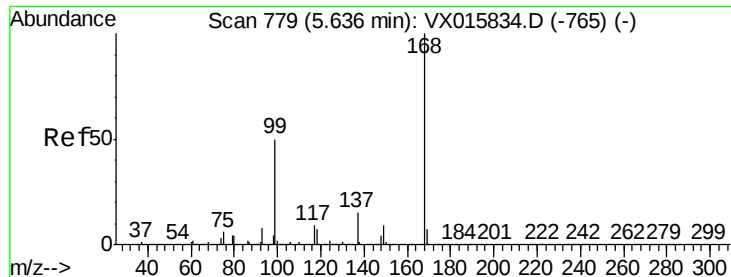
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015847.D

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MSVOA_X

ClientSampleId :

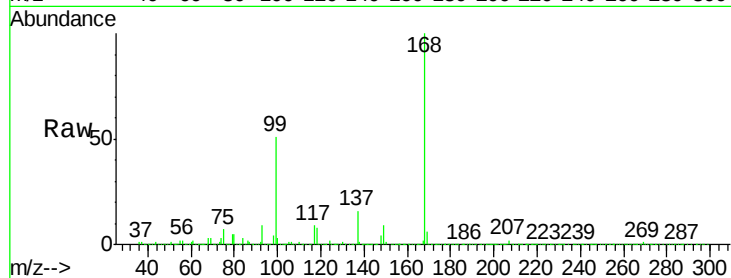
KY038PS038-200420

Tot Ion:168 Resp: 904334

Ion Ratio Lower Upper

168 100

99 51.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

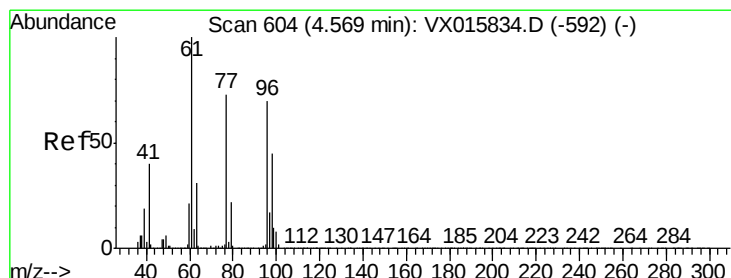
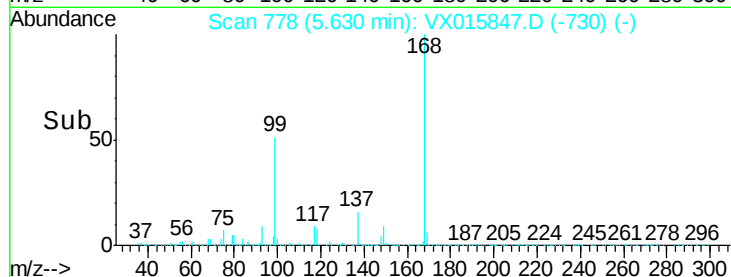
300000

200000

100000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 9.642 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX015847.D

Acq: 22 Apr 2020 17:23

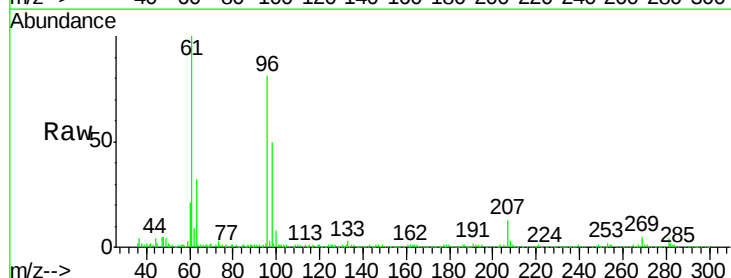
Tgt Ion: 96 Resp: 96201

Ion Ratio Lower Upper

96 100

61 131.3 0.0 299.4

98 68.0 0.0 129.6



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

4.57

60000

50000

40000

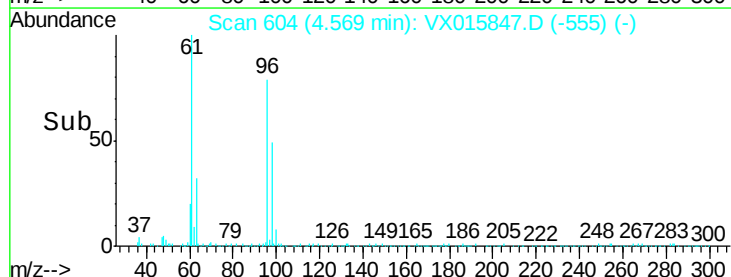
30000

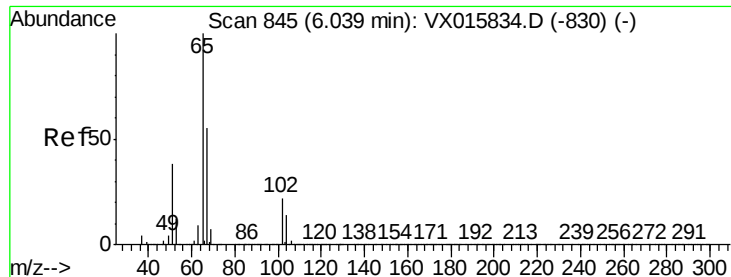
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.881 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015847.D

Acq: 22 Apr 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

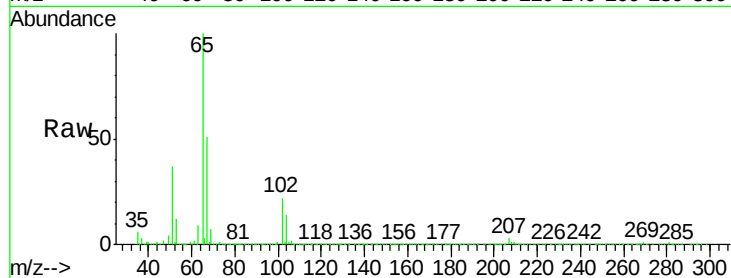
KY038PS038-200420

Tot Ion: 65 Resp: 502767

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

200000

150000

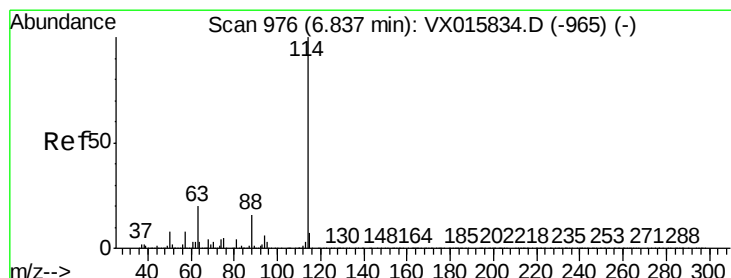
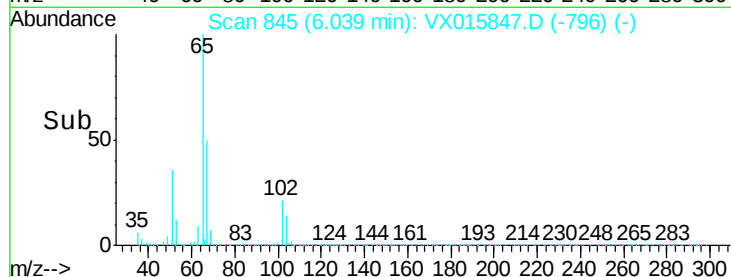
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015847.D

Acq: 22 Apr 2020 17:23

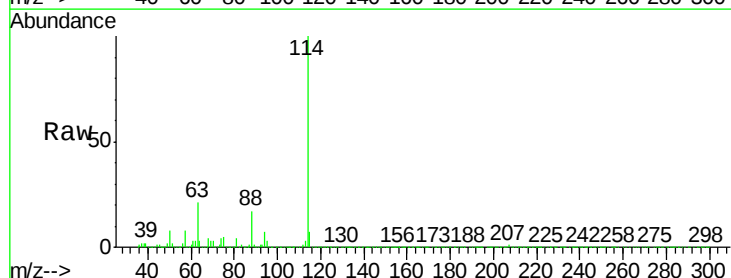
Tgt Ion: 114 Resp: 1383123

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

88 16.7 0.0 32.8



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

6.84

800000

600000

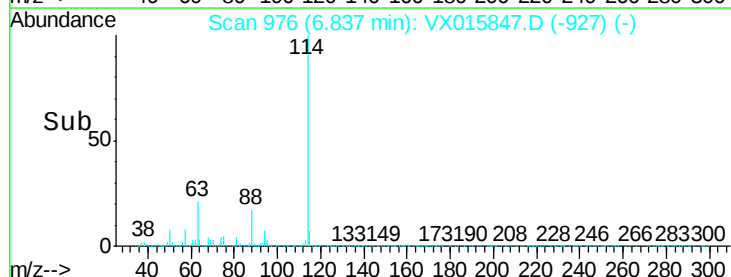
400000

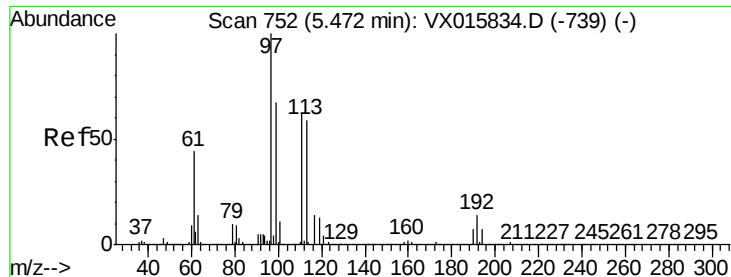
200000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.008 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015847.D

Acq: 22 Apr 2020 17:23

Instrument :

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ClientSampleId :

KY038PS038-200420

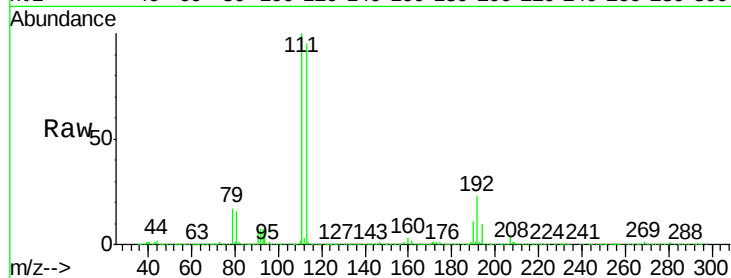
Tot Ion:113 Resp: 399254

Ion Ratio Lower Upper

113 100

111 101.1 82.7 124.1

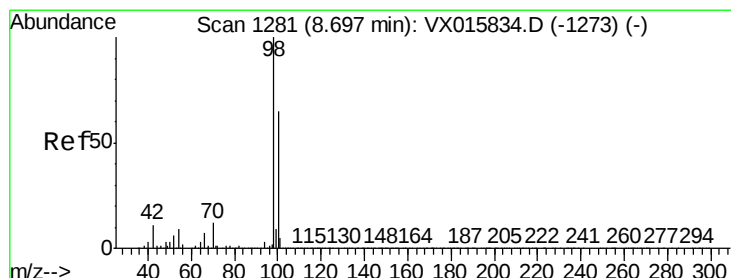
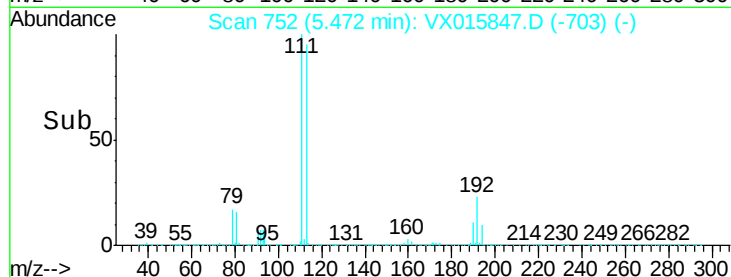
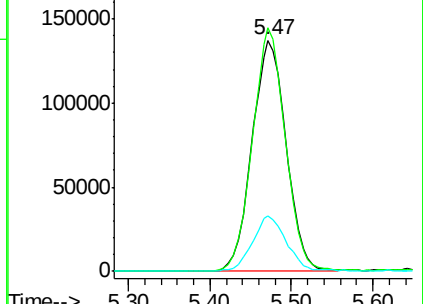
192 23.1 19.3 28.9



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: 51.609 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015847.D

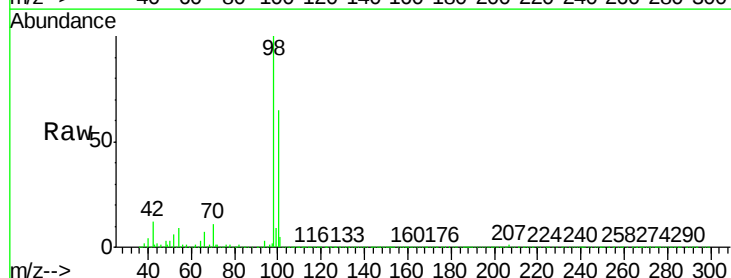
Acq: 22 Apr 2020 17:23

Tgt Ion: 98 Resp: 1658675

Ion Ratio Lower Upper

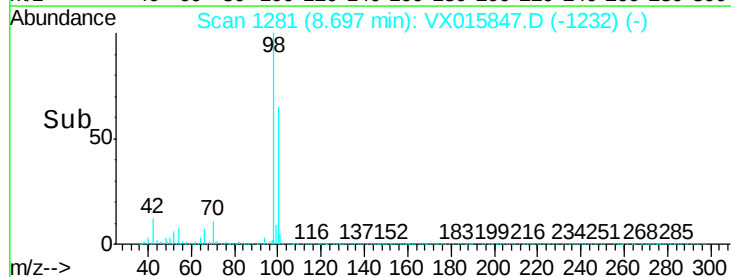
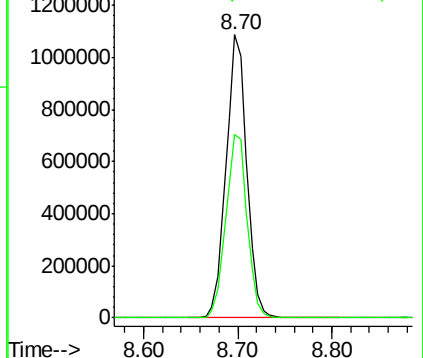
98 100

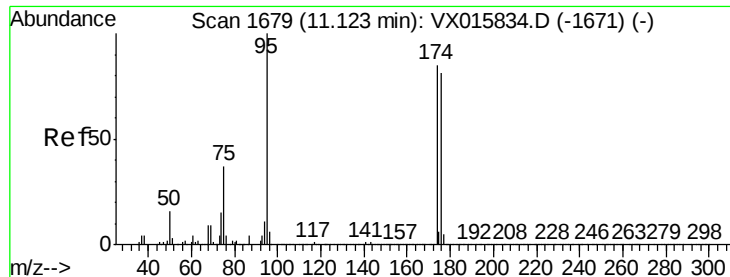
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.086 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015847.D

Acq: 22 Apr 2020 17:23

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-200420

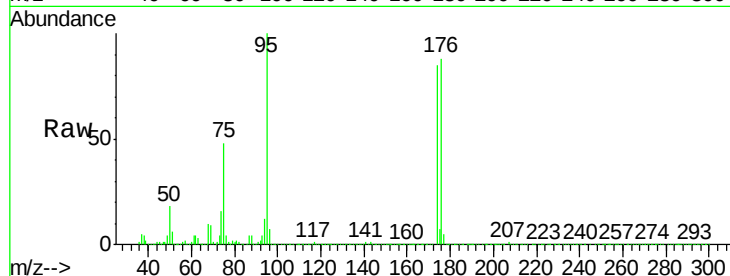
Tot Ion: 95 Resp: 699911

Ion Ratio Lower Upper

95 100

174 85.7 0.0 172.4

176 80.2 0.0 167.0

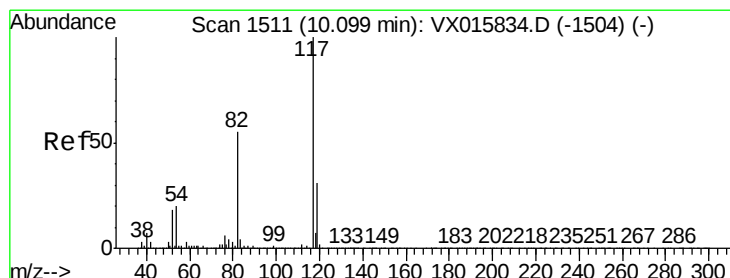
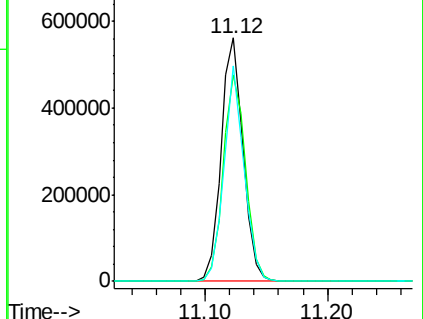
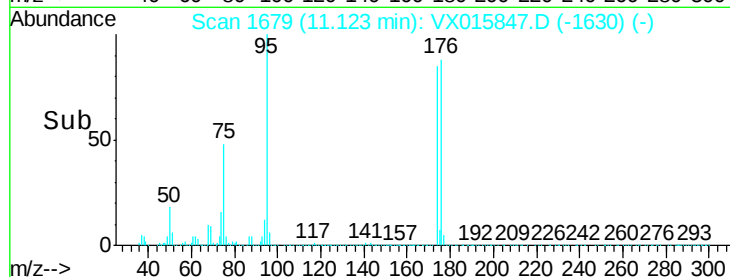


Abundance Ion 94.90 (94.60 to 95.60): VX015834.D (-1671) (-)

Ion 173.80 (173.50 to 174.50): VX015834.D (-1671) (-)

Ion 175.80 (175.50 to 176.50): VX015834.D (-1671) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015847.D

Acq: 22 Apr 2020 17:23

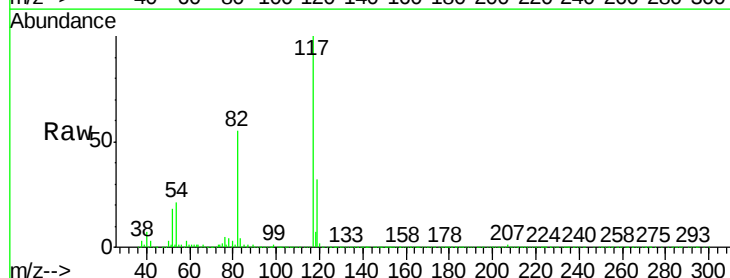
Tgt Ion: 117 Resp: 1333310

Ion Ratio Lower Upper

117 100

82 54.6 43.9 65.9

119 32.4 25.1 37.7

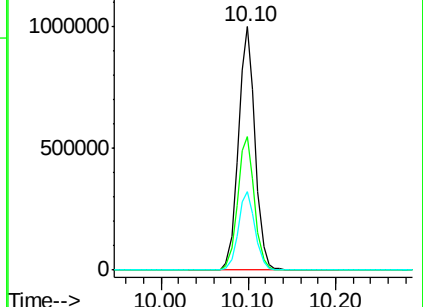
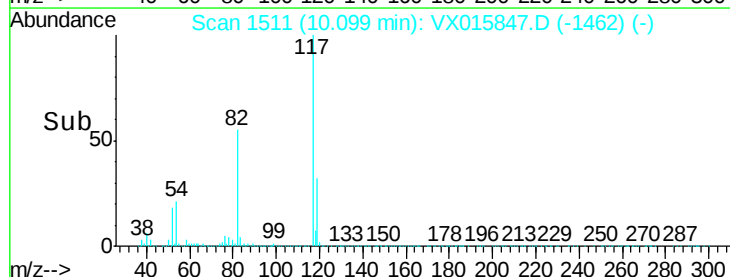


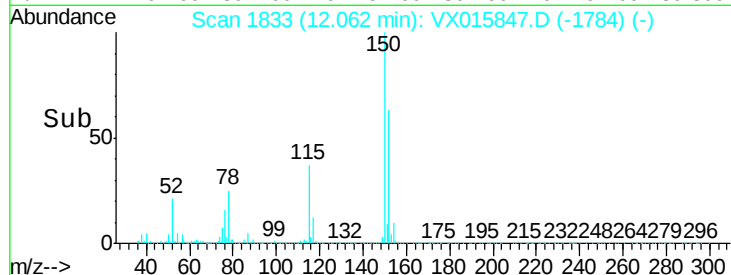
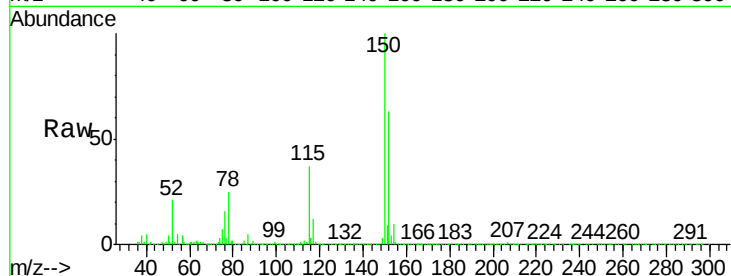
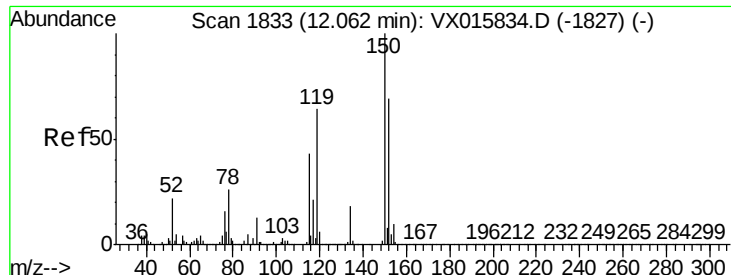
Abundance Ion 116.90 (116.60 to 117.60): VX015834.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX015834.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX015834.D (-1504) (-)

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX015847.D
 Acq: 22 Apr 2020 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-200420

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.8	39.0	116.9
150	158.1	0.0	336.8

