

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012585.D
 Acq On : 21 Sep 2019 02:52
 Operator : JC/SP
 Sample : K4930-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS038-190916

Quant Time: Sep 21 04:32:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

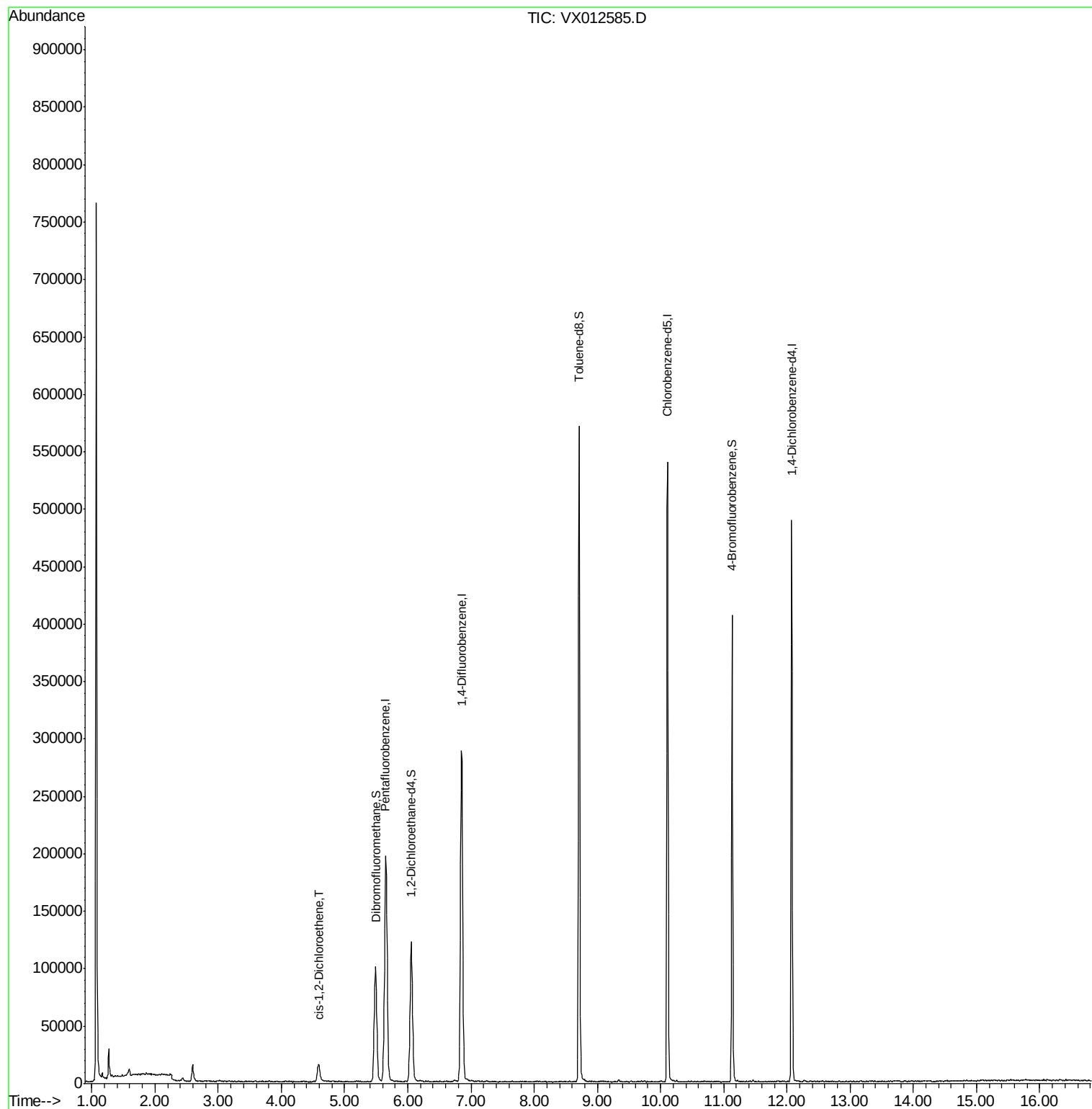
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	119204	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
35) Dibromofluoromethane	5.49	113	84378	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	8.71	98	323455	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.14	95	110656	41.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.74%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	9445	5.426	ug/l	Qvalue 88

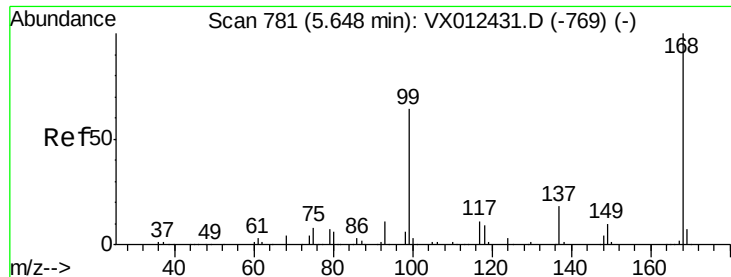
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012585.D

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Instrument :

MSVOA_X

ClientSampleId :

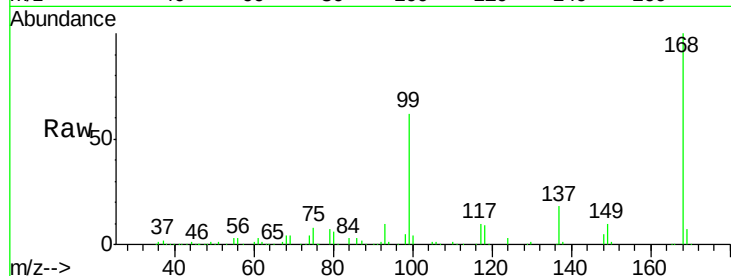
KY038PS038-190916

Tot Ion:168 Resp: 178476

Ion Ratio Lower Upper

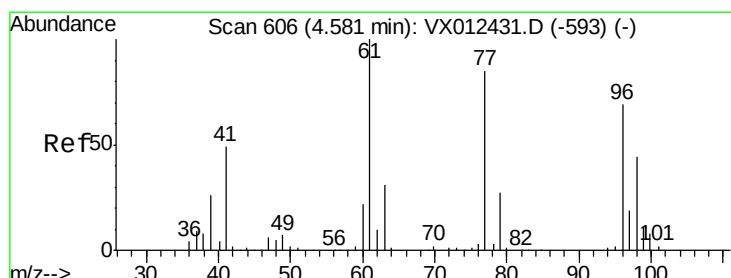
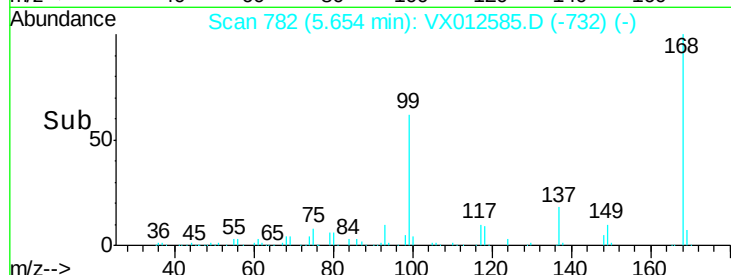
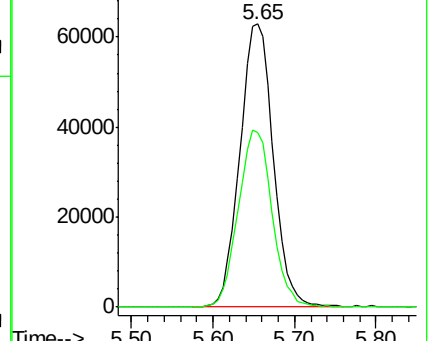
168 100

99 61.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 5.426 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX012585.D

Acq: 21 Sep 2019 02:52

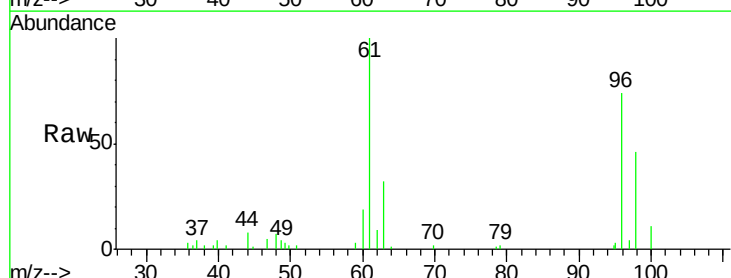
Tgt Ion: 96 Resp: 9445

Ion Ratio Lower Upper

96 100

61 138.3 0.0 319.4

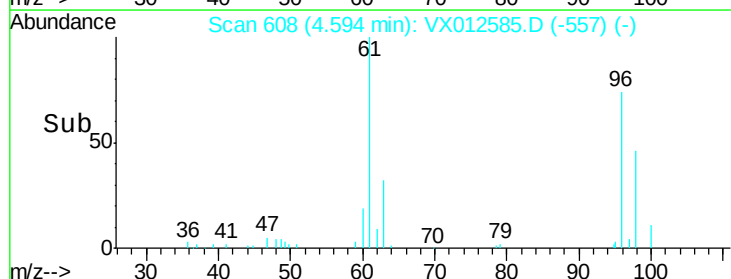
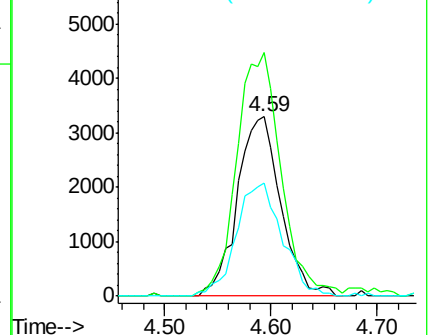
98 66.6 0.0 130.6

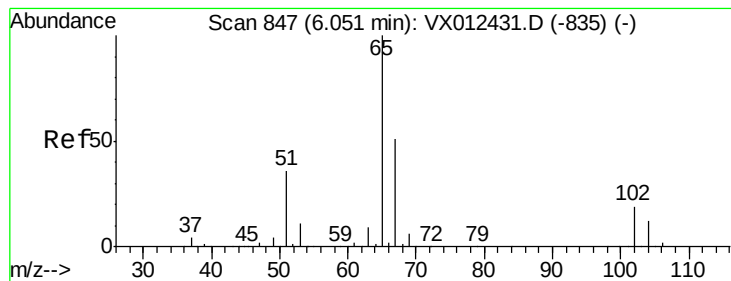


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.602 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012585.D

Acq: 21 Sep 2019 02:52

Instrument :

MSVOA_X

ClientSampleId :

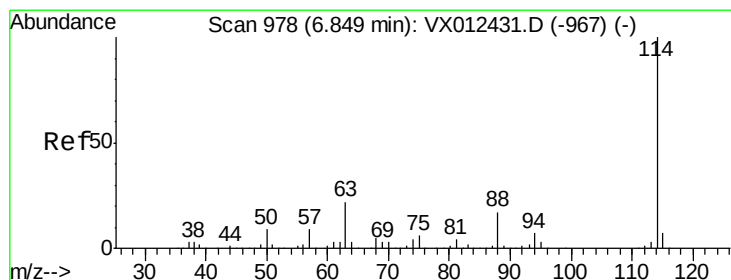
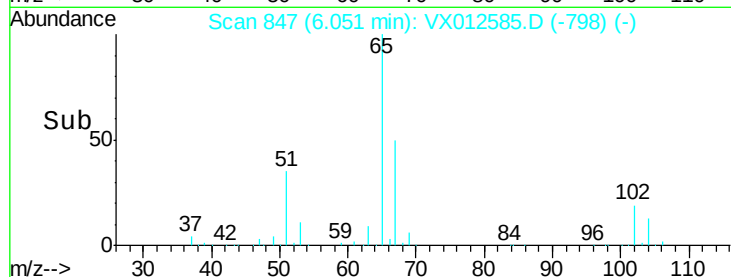
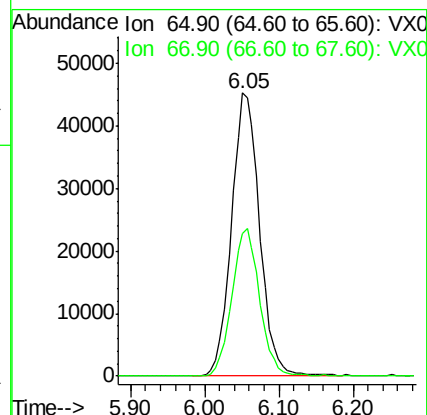
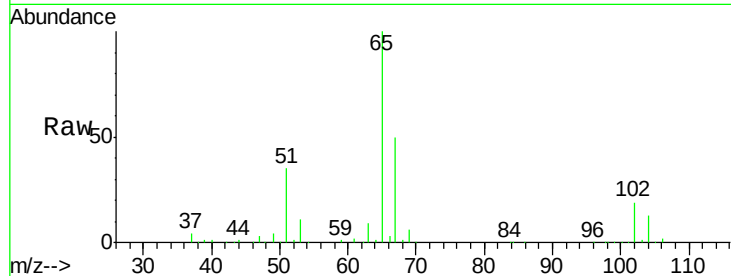
KY038PS038-190916

Tot Ion: 65 Resp: 119204

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012585.D

Acq: 21 Sep 2019 02:52

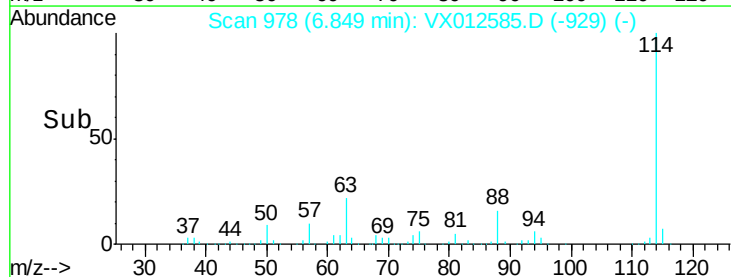
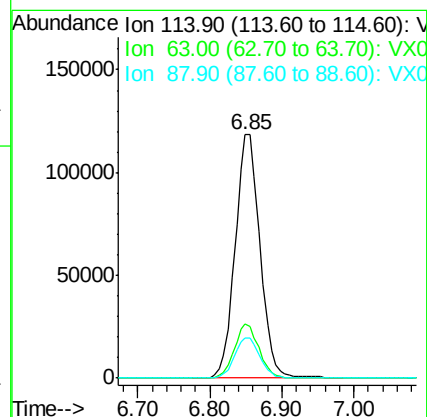
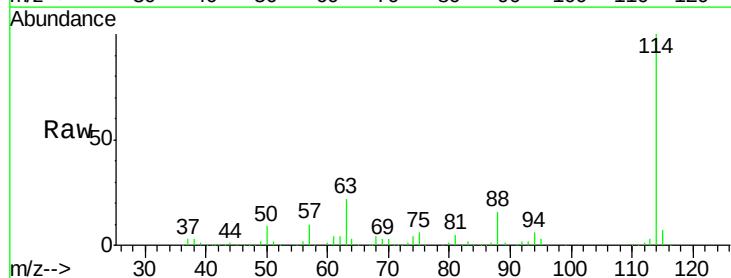
Tgt Ion: 114 Resp: 284135

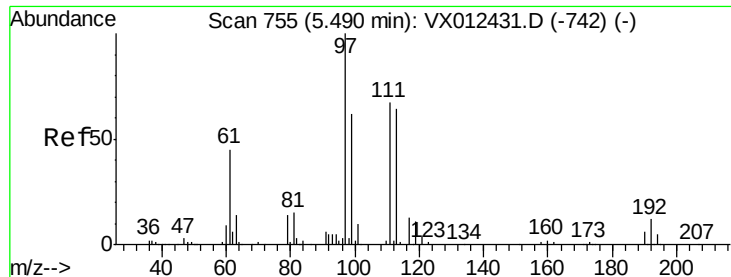
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.064 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012585.D

Acq: 21 Sep 2019 02:52

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-190916

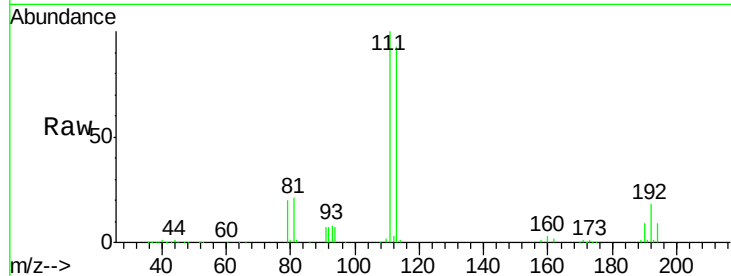
Tot Ion:113 Resp: 84378

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

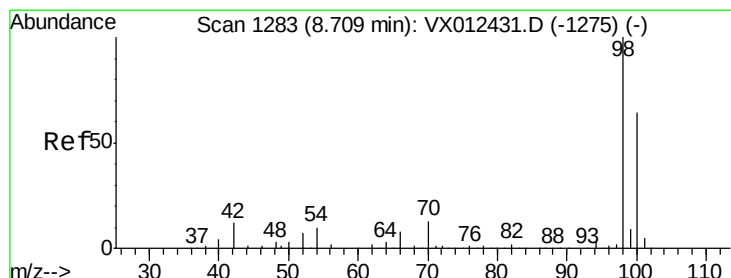
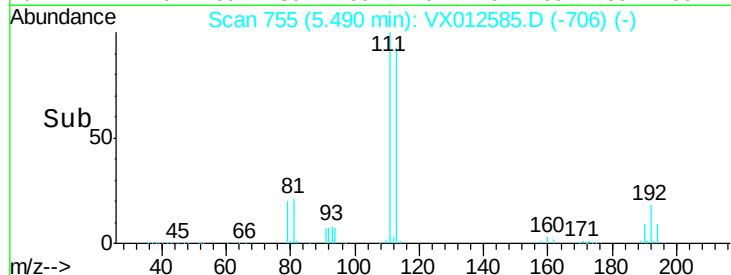
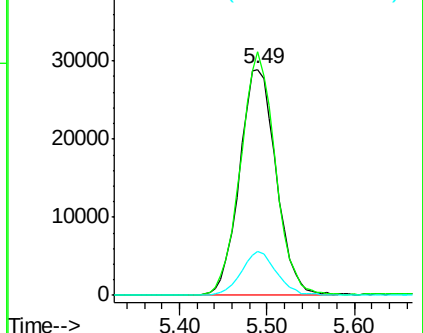
192 18.7 14.4 21.6



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: 50.813 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012585.D

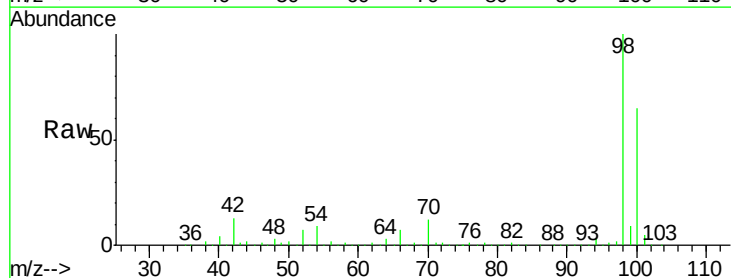
Acq: 21 Sep 2019 02:52

Tgt Ion: 98 Resp: 323455

Ion Ratio Lower Upper

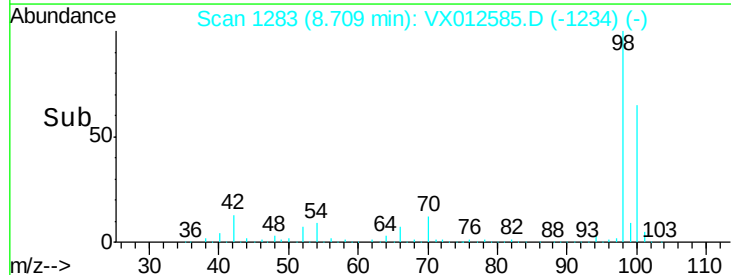
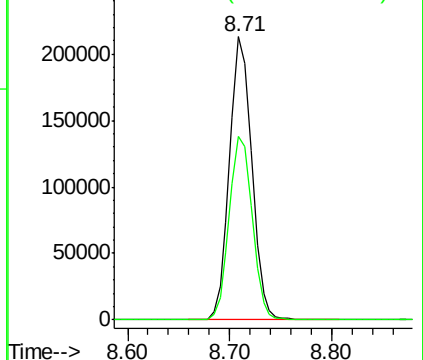
98 100

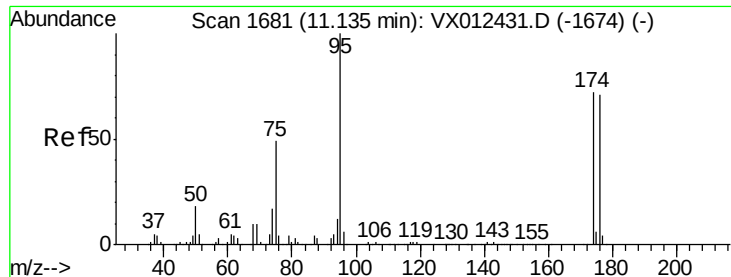
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.867 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012585.D

Acq: 21 Sep 2019 02:52

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-190916

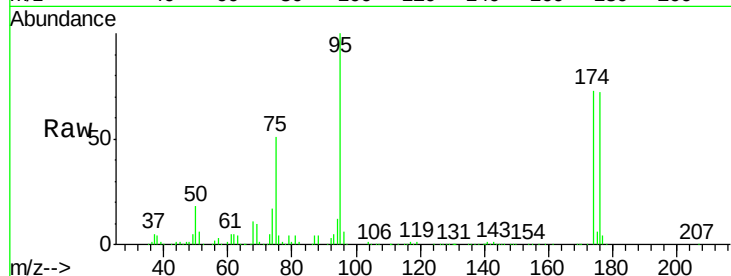
Tot Ion: 95 Resp: 110656

Ion Ratio Lower Upper

95 100

174 72.7 0.0 140.0

176 69.7 0.0 135.4

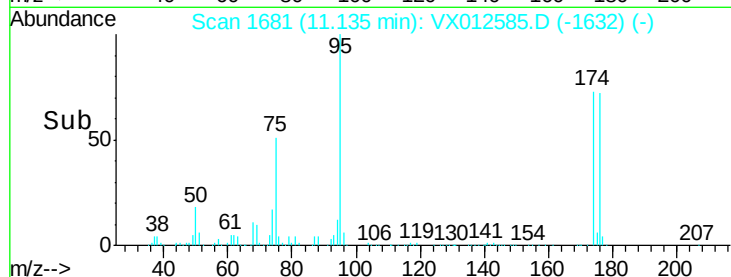


Abundance Ion 94.90 (94.60 to 95.60): VX012585.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012585.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012585.D (-1632) (-)

Time-->



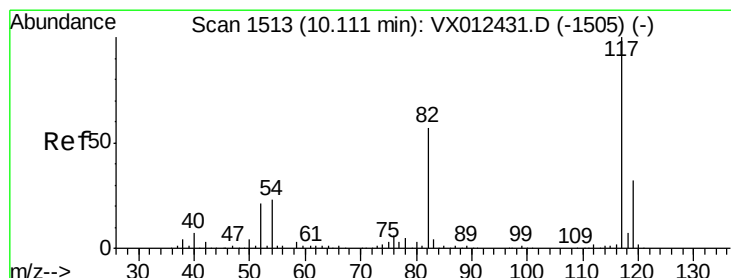
Abundance

Ion 94.90 (94.60 to 95.60): VX012585.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012585.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012585.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012585.D

Acq: 21 Sep 2019 02:52

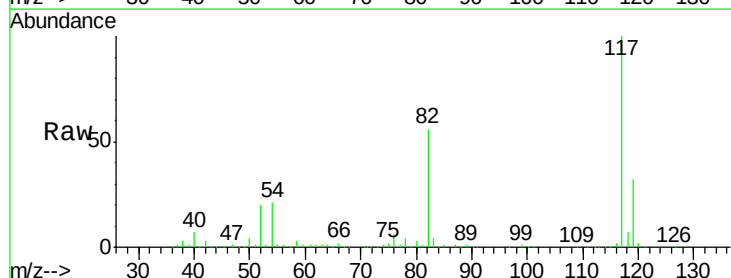
Tgt Ion: 117 Resp: 236891

Ion Ratio Lower Upper

117 100

82 55.6 45.9 68.9

119 31.6 25.3 37.9

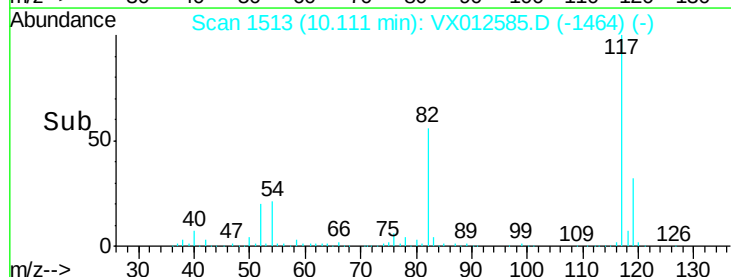


Abundance Ion 116.90 (116.60 to 117.60): VX012585.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012585.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012585.D (-1464) (-)

Time-->



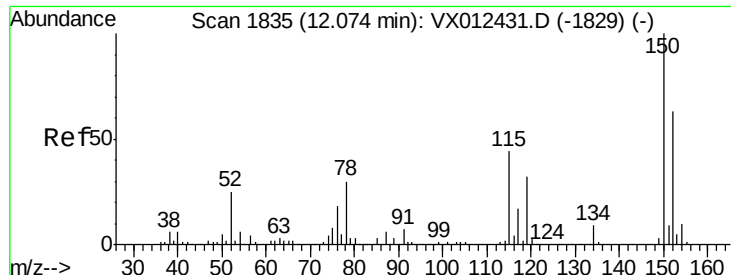
Abundance

Ion 116.90 (116.60 to 117.60): VX012585.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012585.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012585.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012585.D

Acq: 21 Sep 2019 02:52

Instrument :

MSVOA_X

ClientSampleId :

KY038PS038-190916

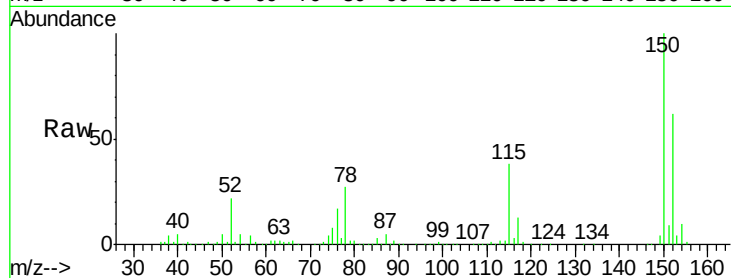
Tot Ion:152 Resp: 93541

Ion Ratio Lower Upper

152 100

115 61.8 44.1 132.3

150 159.6 0.0 343.8



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

