

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013631.D
 Acq On : 27 Nov 2019 04:38
 Operator : JC/SP
 Sample : K5968-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20191121

Quant Time: Nov 27 06:39:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

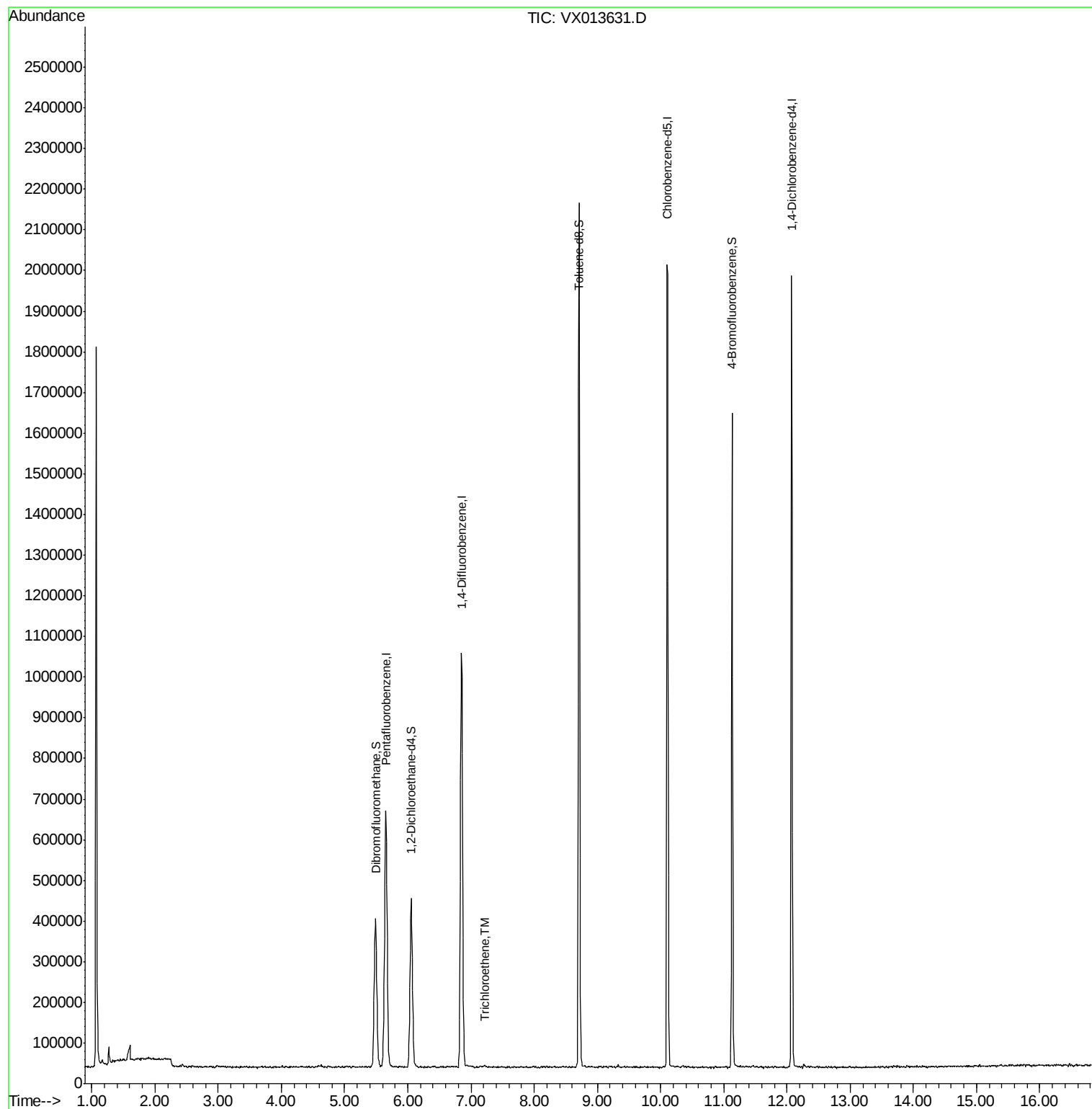
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	657410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1052968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	936665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	420963	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	390467	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	5.49	113	317114	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	8.71	98	1266309	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.14	95	418093	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
Target Compounds						
44) Trichloroethene	7.22	130	3047	0.381	ug/l	Qvalue 69

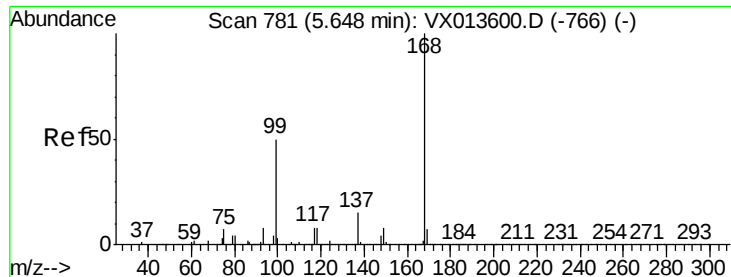
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013631.D

Acq: 27 Nov 2019 04:38

Instrument :

MSVOA_X

ClientSampleId :

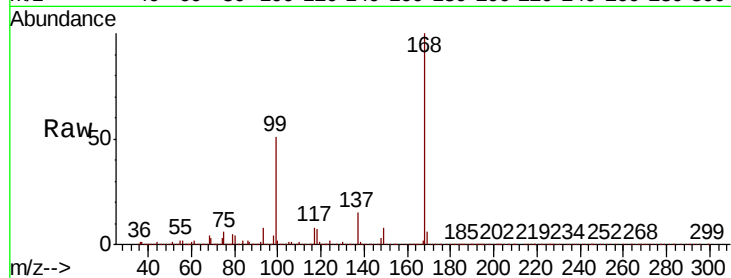
DUP-01-20191121

Tot Ion:168 Resp: 657410

Ion Ratio Lower Upper

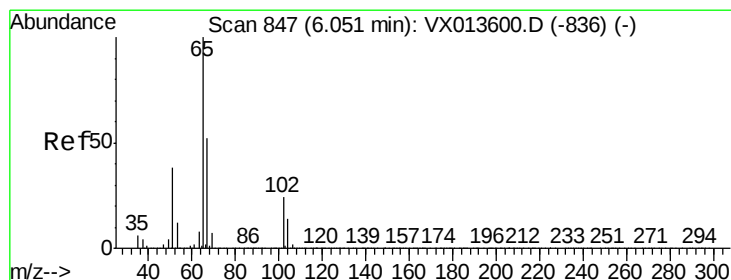
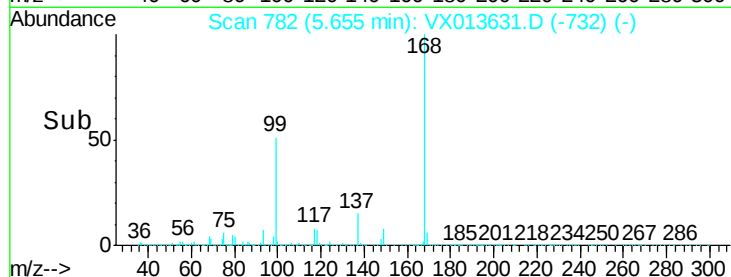
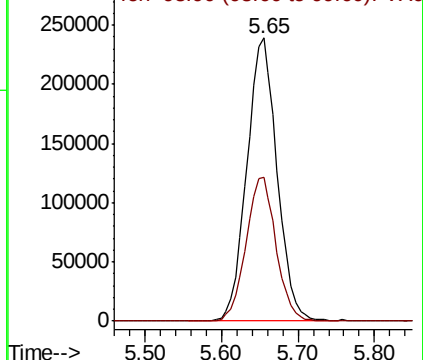
168 100

99 50.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.168 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013631.D

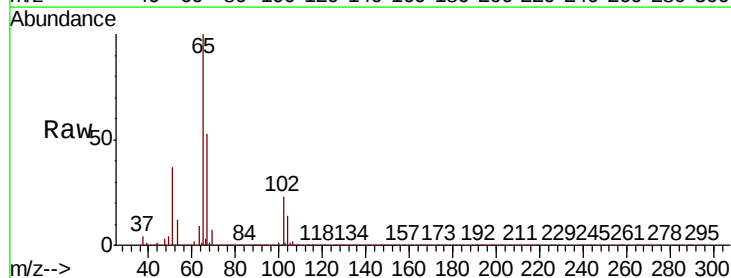
Acq: 27 Nov 2019 04:38

Tgt Ion: 65 Resp: 390467

Ion Ratio Lower Upper

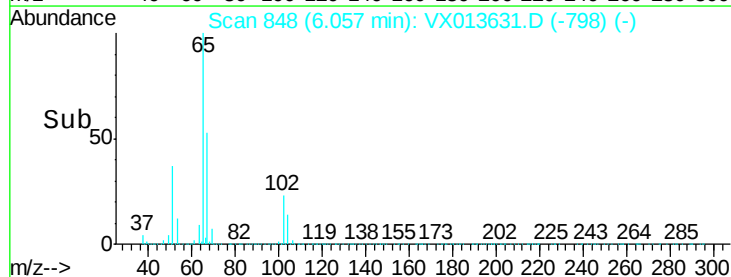
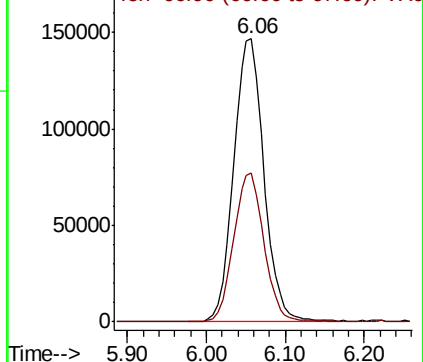
65 100

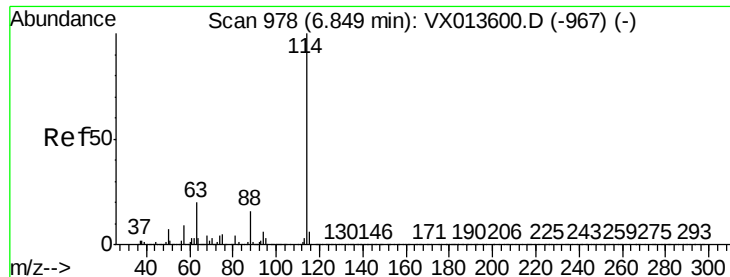
67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013631.D

Acq: 27 Nov 2019 04:38

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20191121

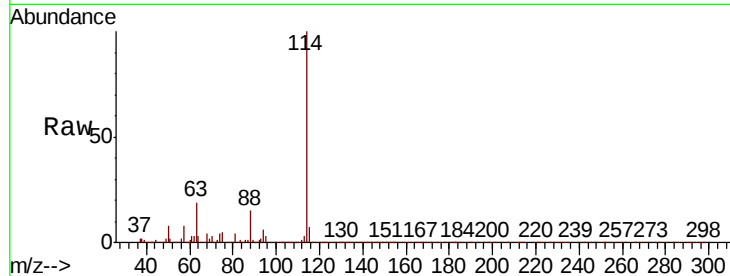
Tot Ion:114 Resp: 1052968

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

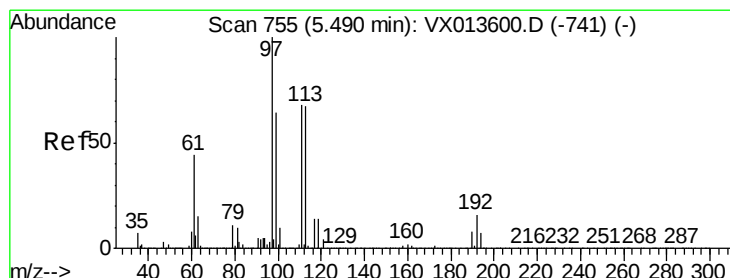
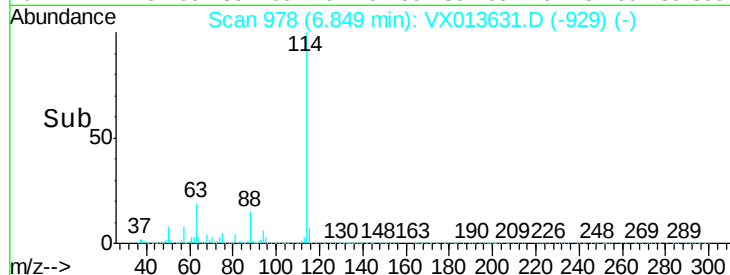
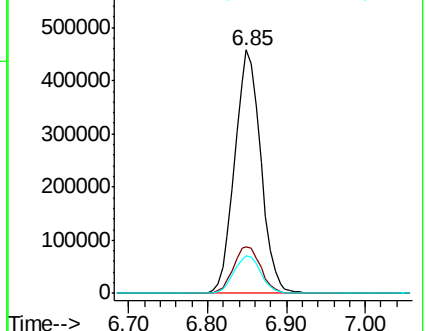
88 15.2 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 48.715 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013631.D

Acq: 27 Nov 2019 04:38

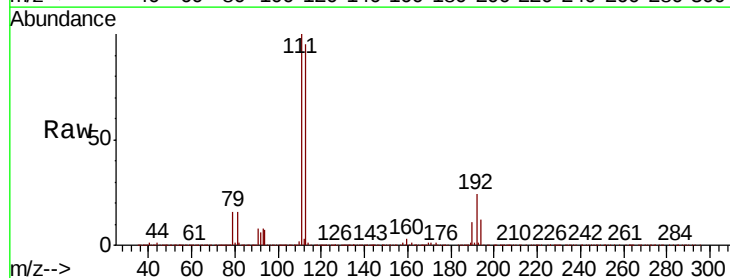
Tgt Ion:113 Resp: 317114

Ion Ratio Lower Upper

113 100

111 102.1 83.6 125.4

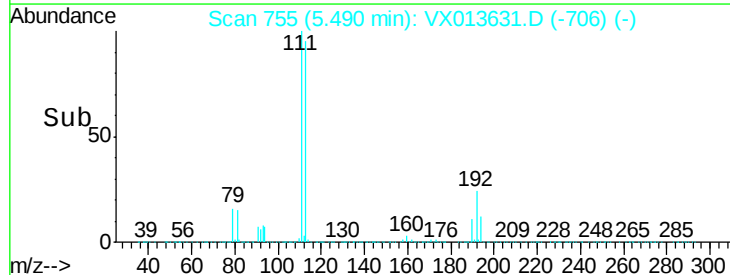
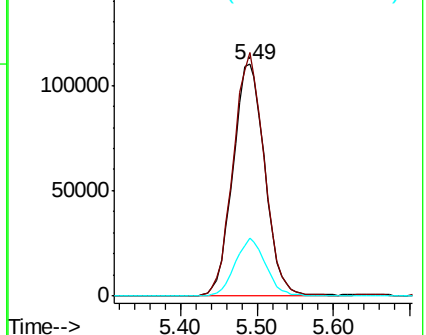
192 23.9 19.2 28.8

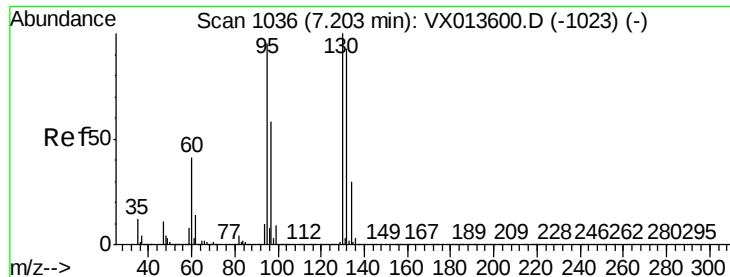


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.381 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013631.D

Acq: 27 Nov 2019 04:38

Instrument :

MSVOA_X

ClientSampleId :

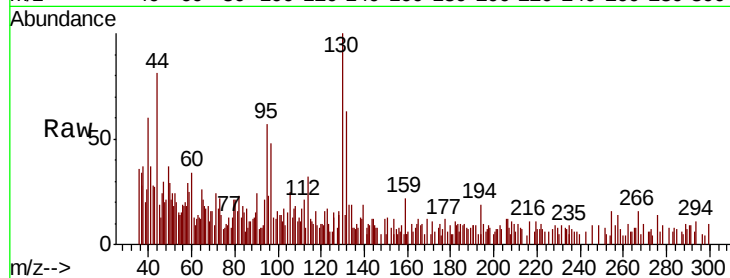
DUP-01-20191121

Tot Ion:130 Resp: 3047

Ion Ratio Lower Upper

130 100

95 64.9 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

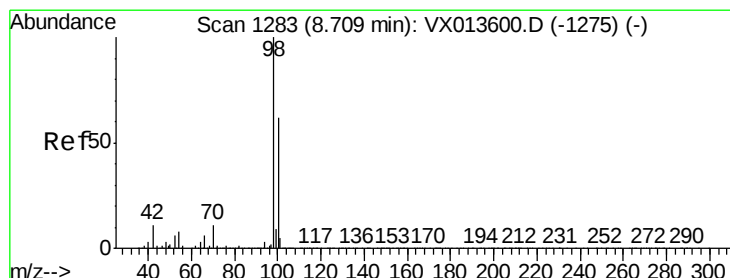
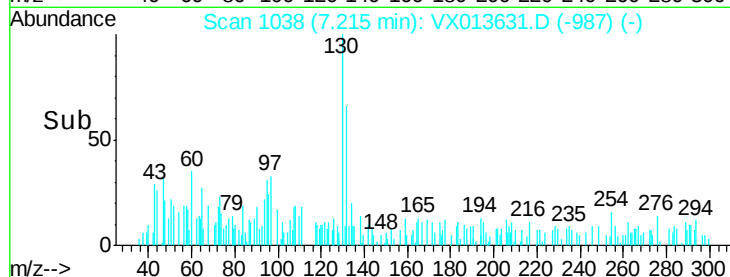
1000

500

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 49.929 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013631.D

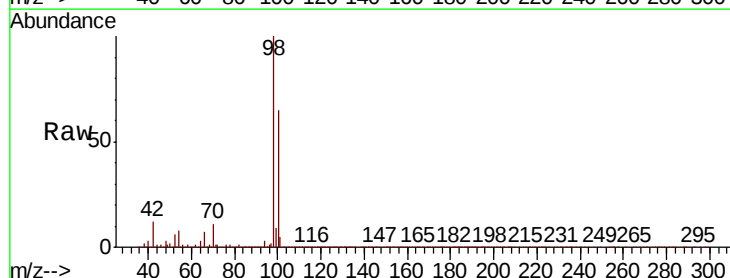
Acq: 27 Nov 2019 04:38

Tgt Ion: 98 Resp: 1266309

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

600000

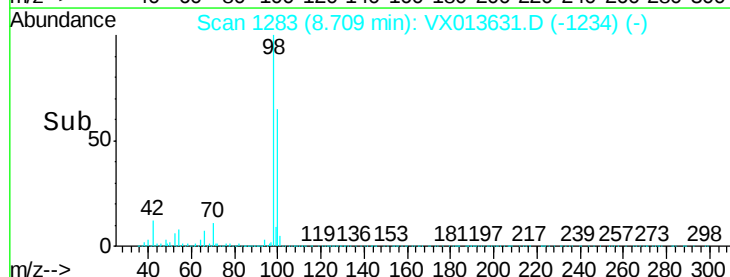
400000

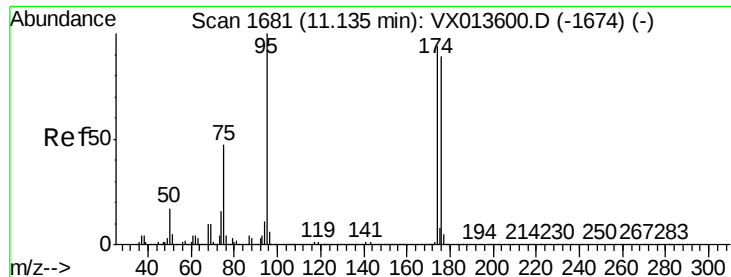
200000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 45.715 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013631.D

Acq: 27 Nov 2019 04:38

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20191121

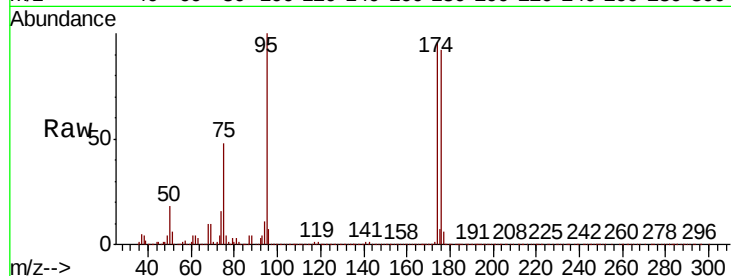
Tot Ion: 95 Resp: 418093

Ion Ratio Lower Upper

95 100

174 90.2 0.0 180.0

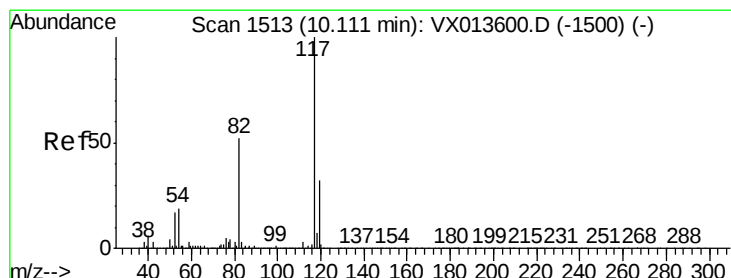
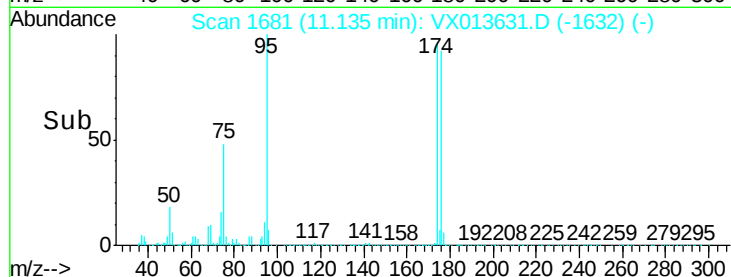
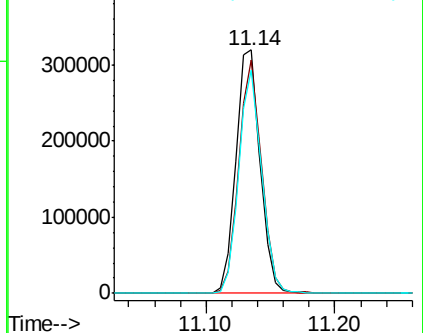
176 86.8 0.0 173.6



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# 1513

Delta R.T. 0.00 min

Lab File: VX013631.D

Acq: 27 Nov 2019 04:38

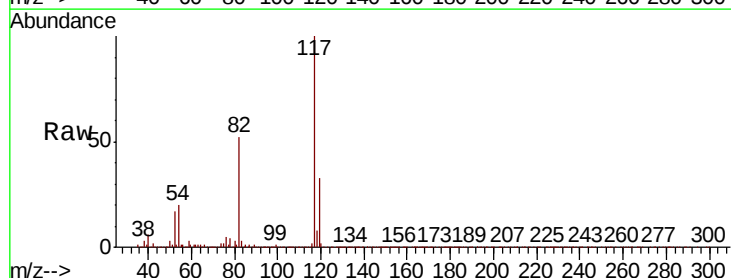
Tgt Ion: 117 Resp: 936665

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

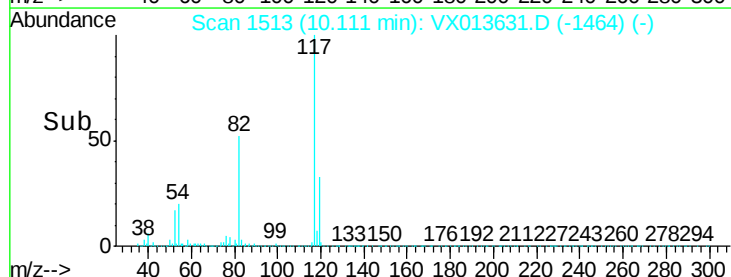
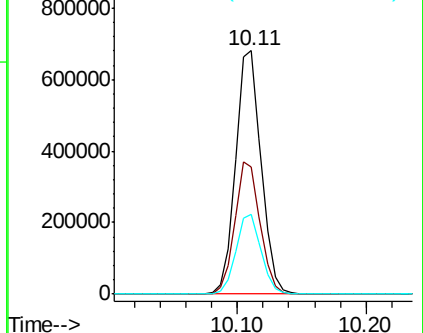
119 32.6 25.8 38.8

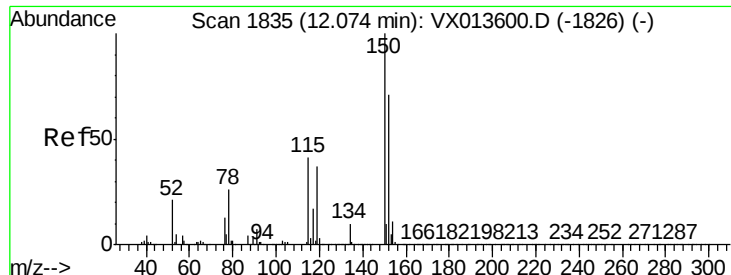


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013631.D

Acq: 27 Nov 2019 04:38

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20191121

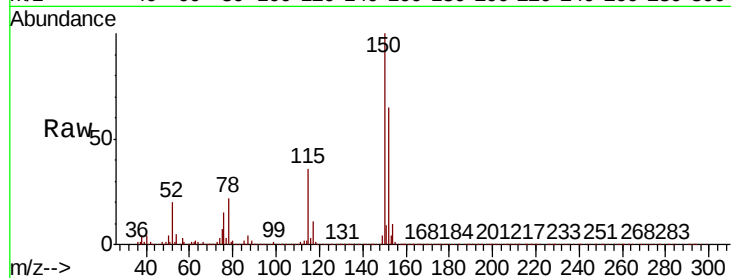
Tot Ion:152 Resp: 420963

Ion Ratio Lower Upper

152 100

115 55.6 38.4 115.1

150 155.4 0.0 346.8



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

