

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012480.D
 Acq On : 18 Sep 2019 17:44
 Operator : JC/SP
 Sample : K4858-12DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20190909DL

Quant Time: Sep 19 07:38:25 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

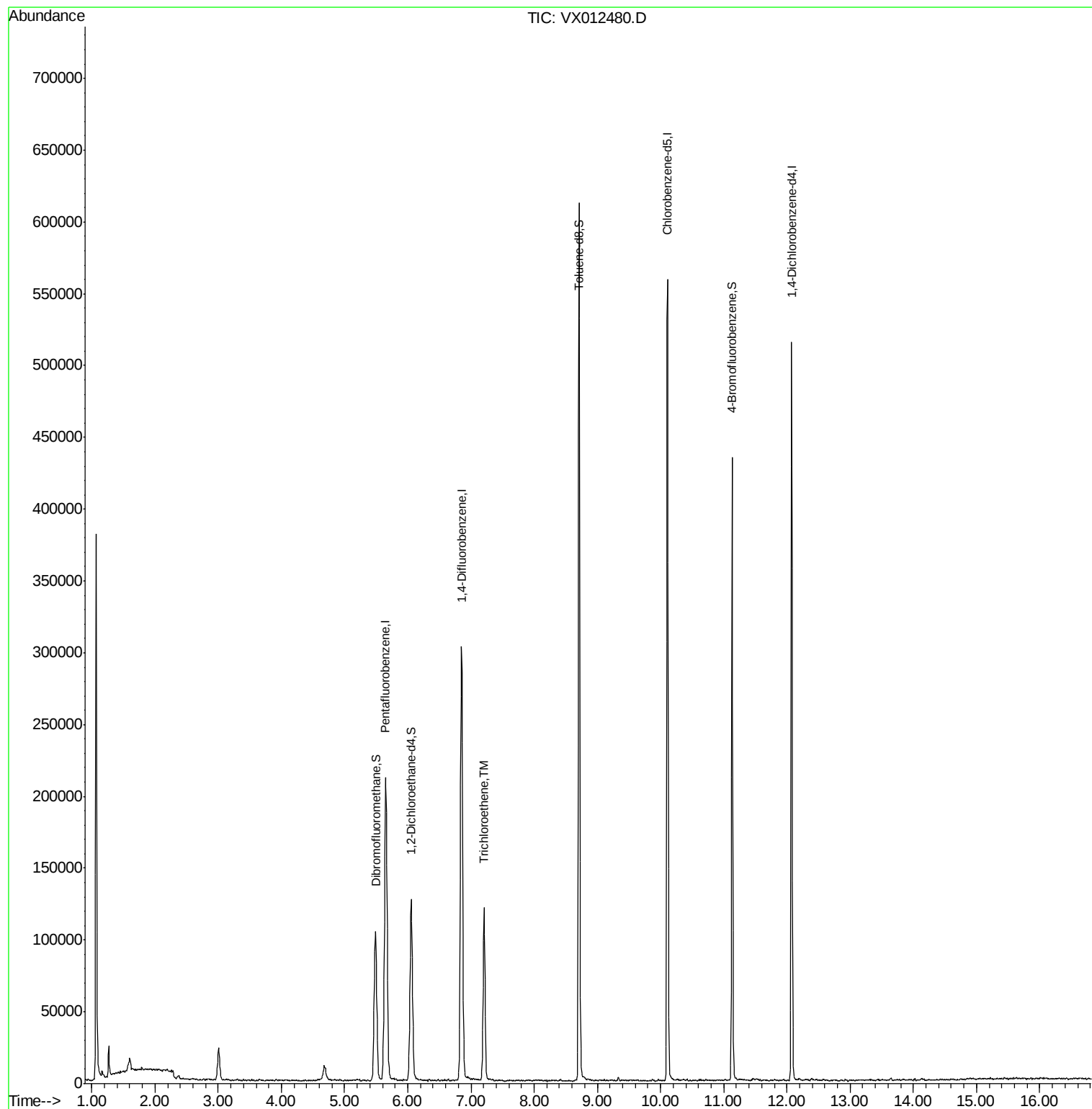
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	123831	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
35) Dibromofluoromethane	5.49	113	90231	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	8.71	98	335959	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	119134	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
44) Trichloroethene	7.20	130	46792	31.370	ug/l	Qvalue 97

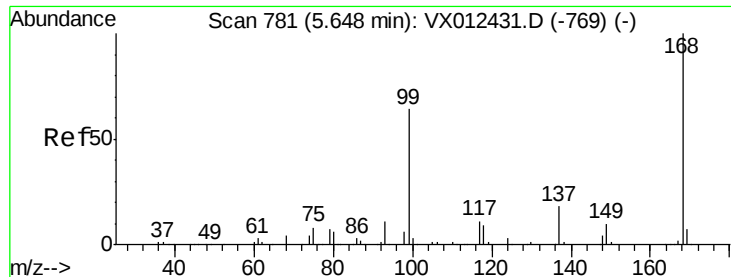
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012480.D

Acq: 18 Sep 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

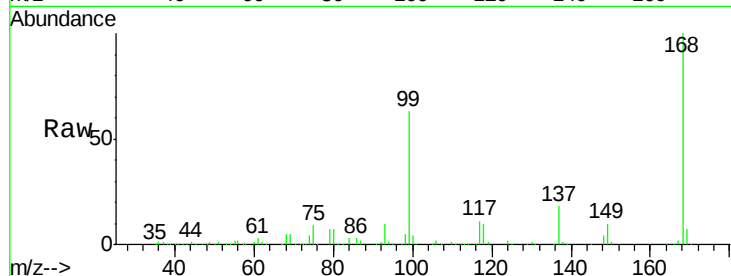
DUP01-20190909DL

Tot Ion:168 Resp: 189585

Ion Ratio Lower Upper

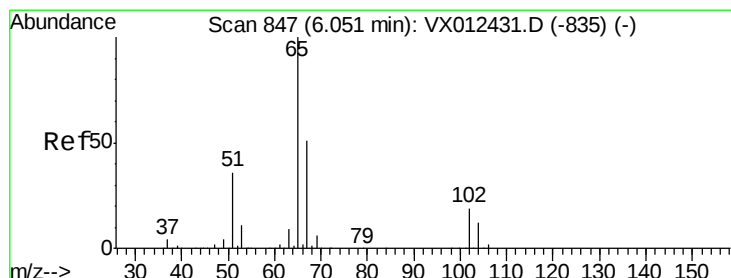
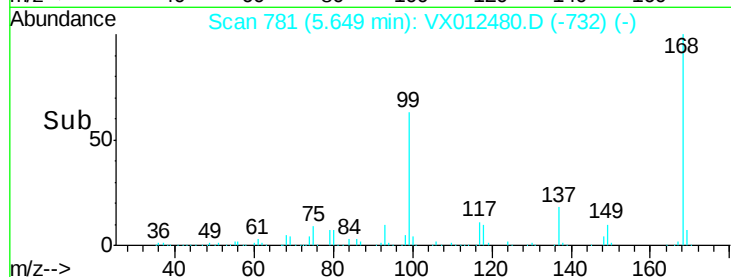
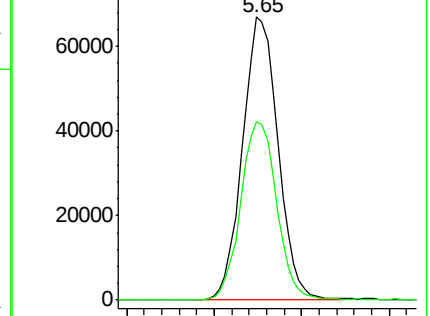
168 100

99 62.9 51.4 77.2



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: 45.574 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012480.D

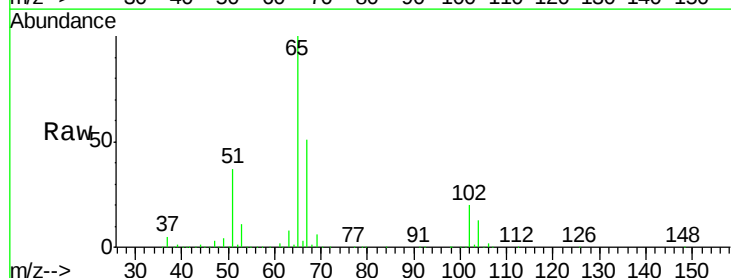
Acq: 18 Sep 2019 17:44

Tgt Ion: 65 Resp: 123831

Ion Ratio Lower Upper

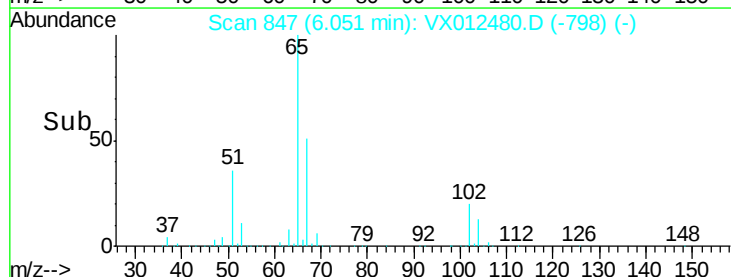
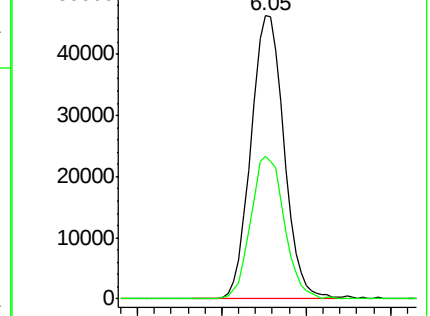
65 100

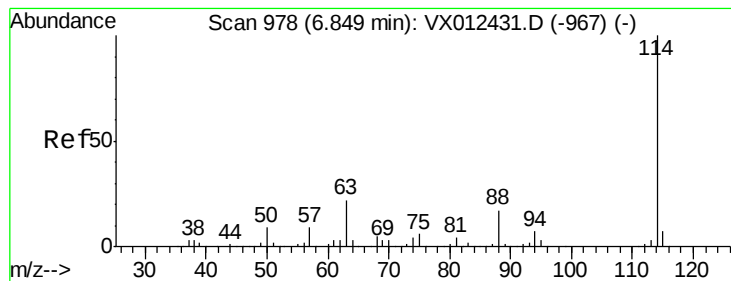
67 51.2 0.0 101.2



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: VX012480.D

Acq: 18 Sep 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20190909DL

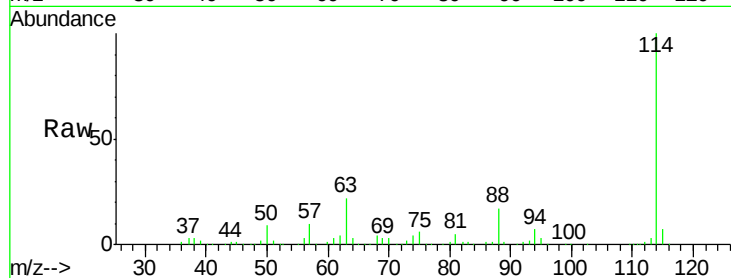
Tot Ion:114 Resp: 293401

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

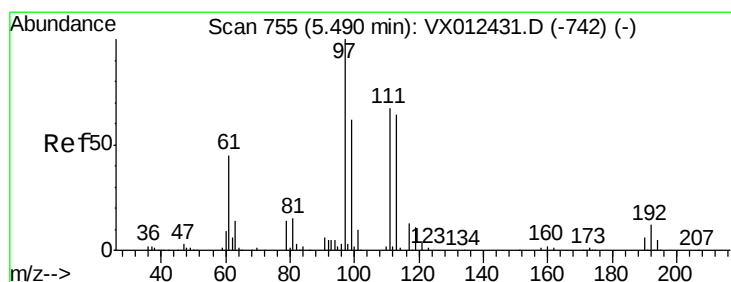
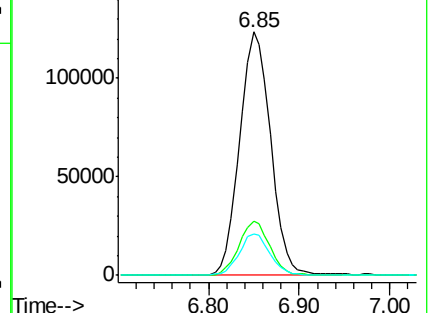
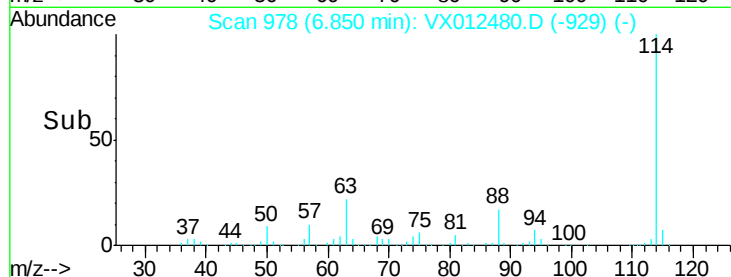
88 17.0 0.0 33.2



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



#35

Dibromofluoromethane

Concen: 50.810 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012480.D

Acq: 18 Sep 2019 17:44

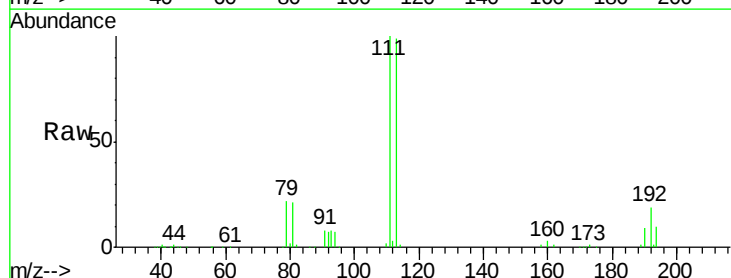
Tgt Ion:113 Resp: 90231

Ion Ratio Lower Upper

113 100

111 100.7 83.4 125.2

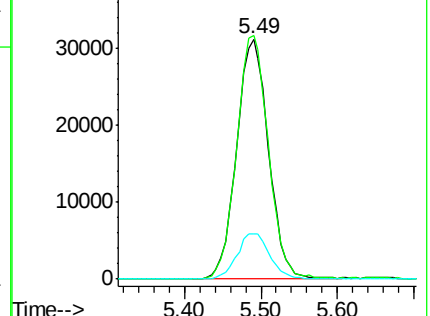
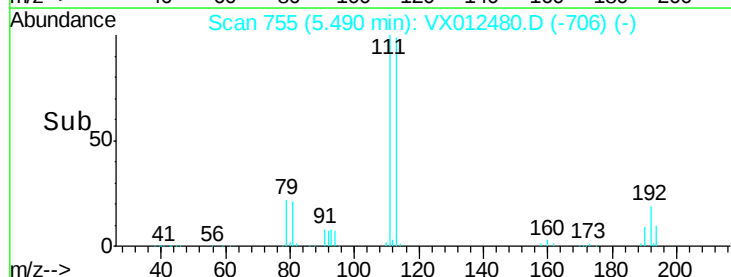
192 19.4 14.4 21.6

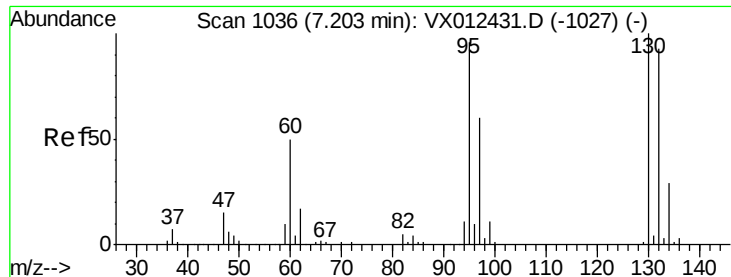


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 31.370 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012480.D

Acq: 18 Sep 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

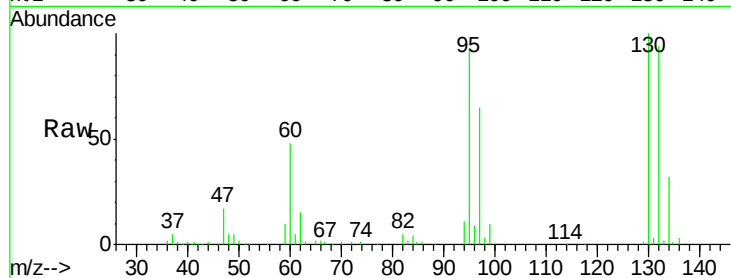
DUP01-20190909DL

Tot Ion:130 Resp: 46792

Ion Ratio Lower Upper

130 100

95 93.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

25000

20000

15000

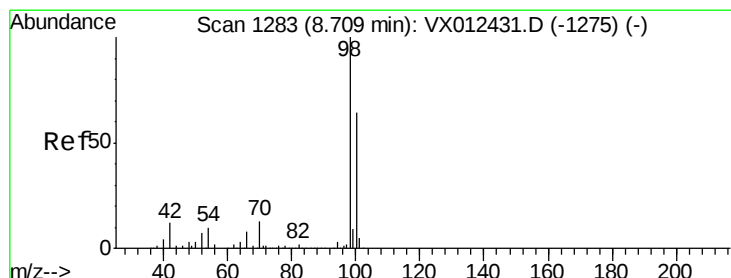
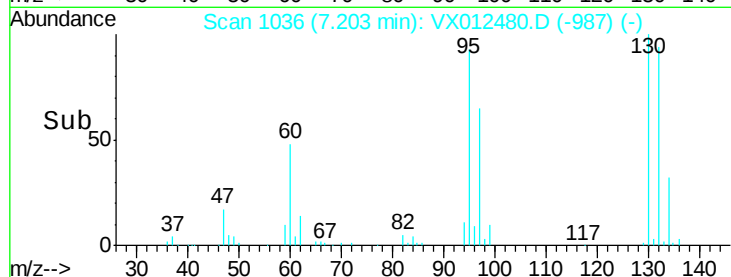
10000

5000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 51.111 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012480.D

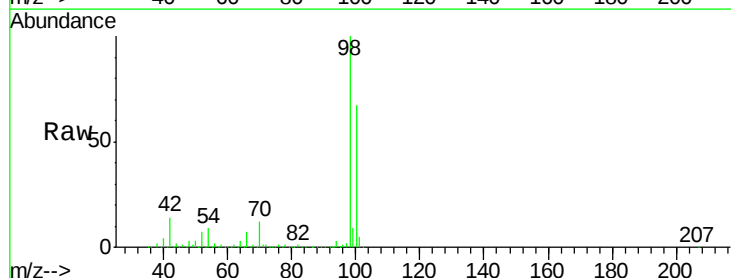
Acq: 18 Sep 2019 17:44

Tgt Ion: 98 Resp: 335959

Ion Ratio Lower Upper

98 100

100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

150000

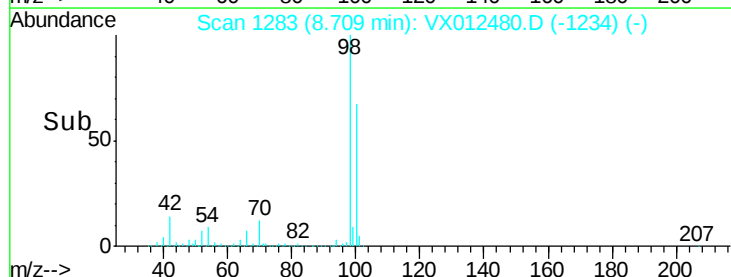
100000

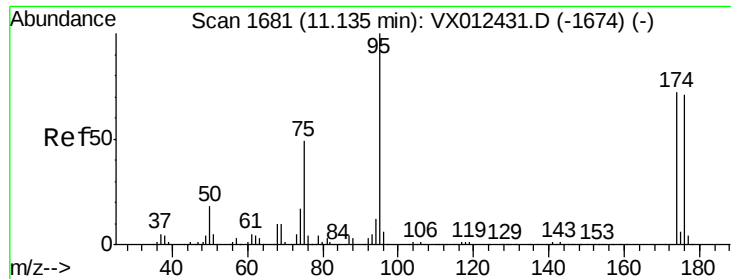
50000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 43.651 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012480.D

Acq: 18 Sep 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20190909DL

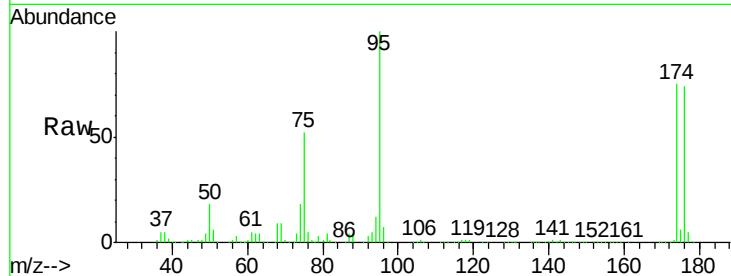
Tot Ion: 95 Resp: 119134

Ion Ratio Lower Upper

95 100

174 72.2 0.0 140.0

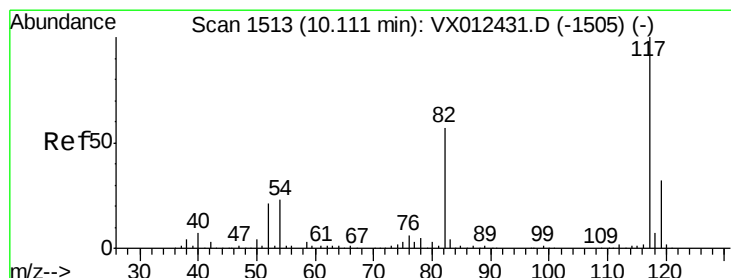
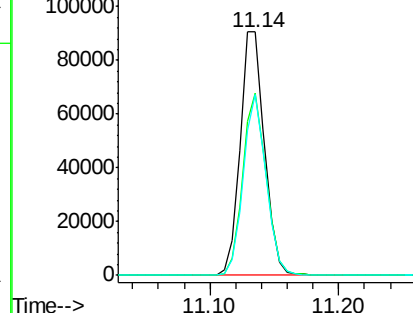
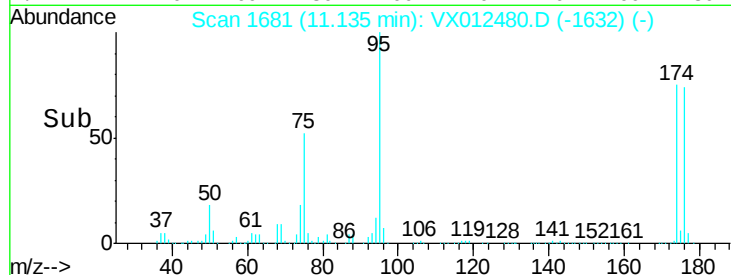
176 69.5 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012480.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012480.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012480.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012480.D

Acq: 18 Sep 2019 17:44

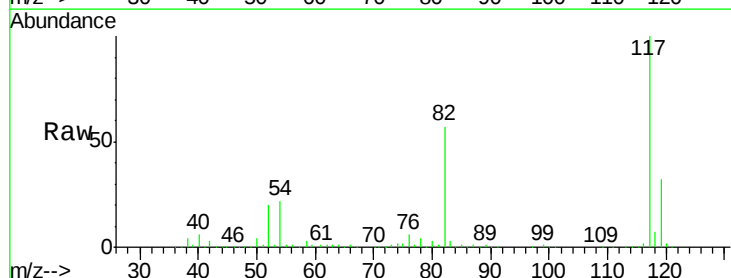
Tgt Ion: 117 Resp: 245846

Ion Ratio Lower Upper

117 100

82 57.0 45.9 68.9

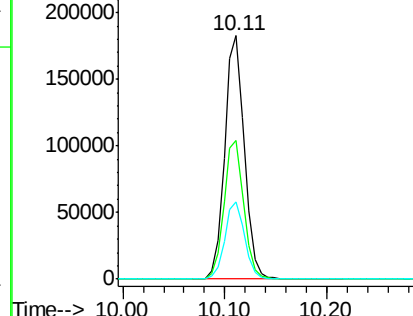
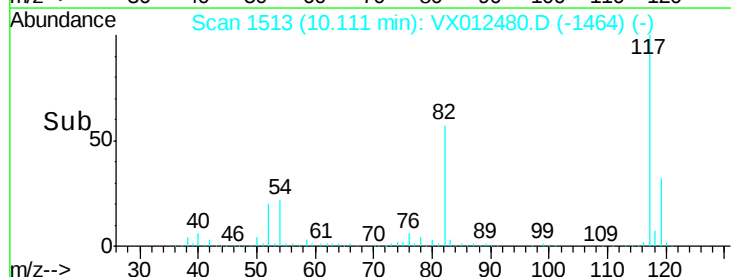
119 31.9 25.3 37.9

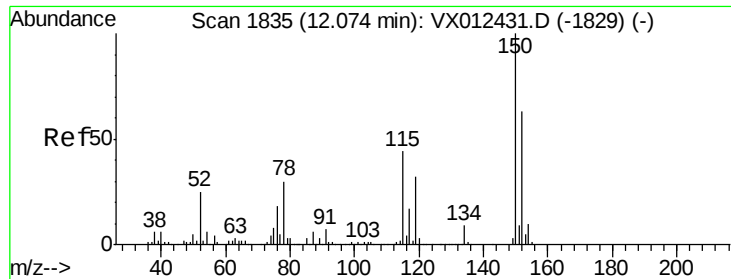


Abundance Ion 116.90 (116.60 to 117.60): VX012480.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012480.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012480.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012480.D

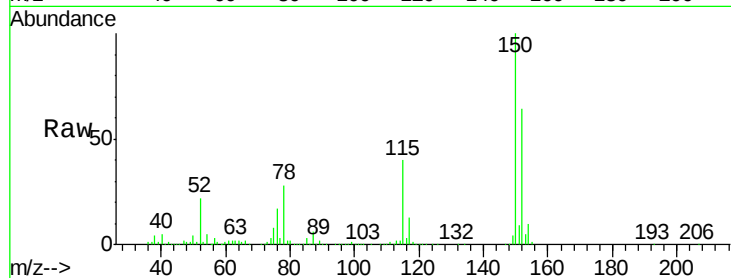
Acq: 18 Sep 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20190909DL



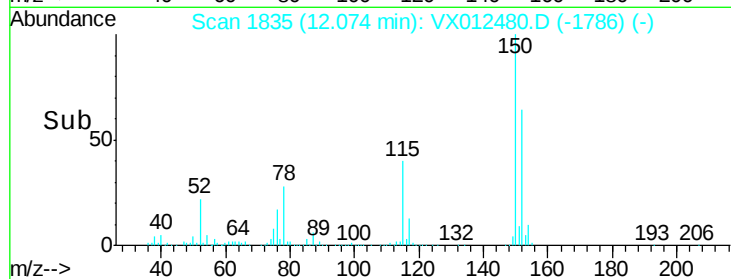
Tot Ion:152 Resp: 98681

Ion Ratio Lower Upper

152 100

115 63.9 44.1 132.3

150 157.2 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

