

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018596.D
 Acq On : 25 Sep 2020 15:35
 Operator : JC/SP
 Sample : L4118-18DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921DL

Quant Time: Sep 28 08:45:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

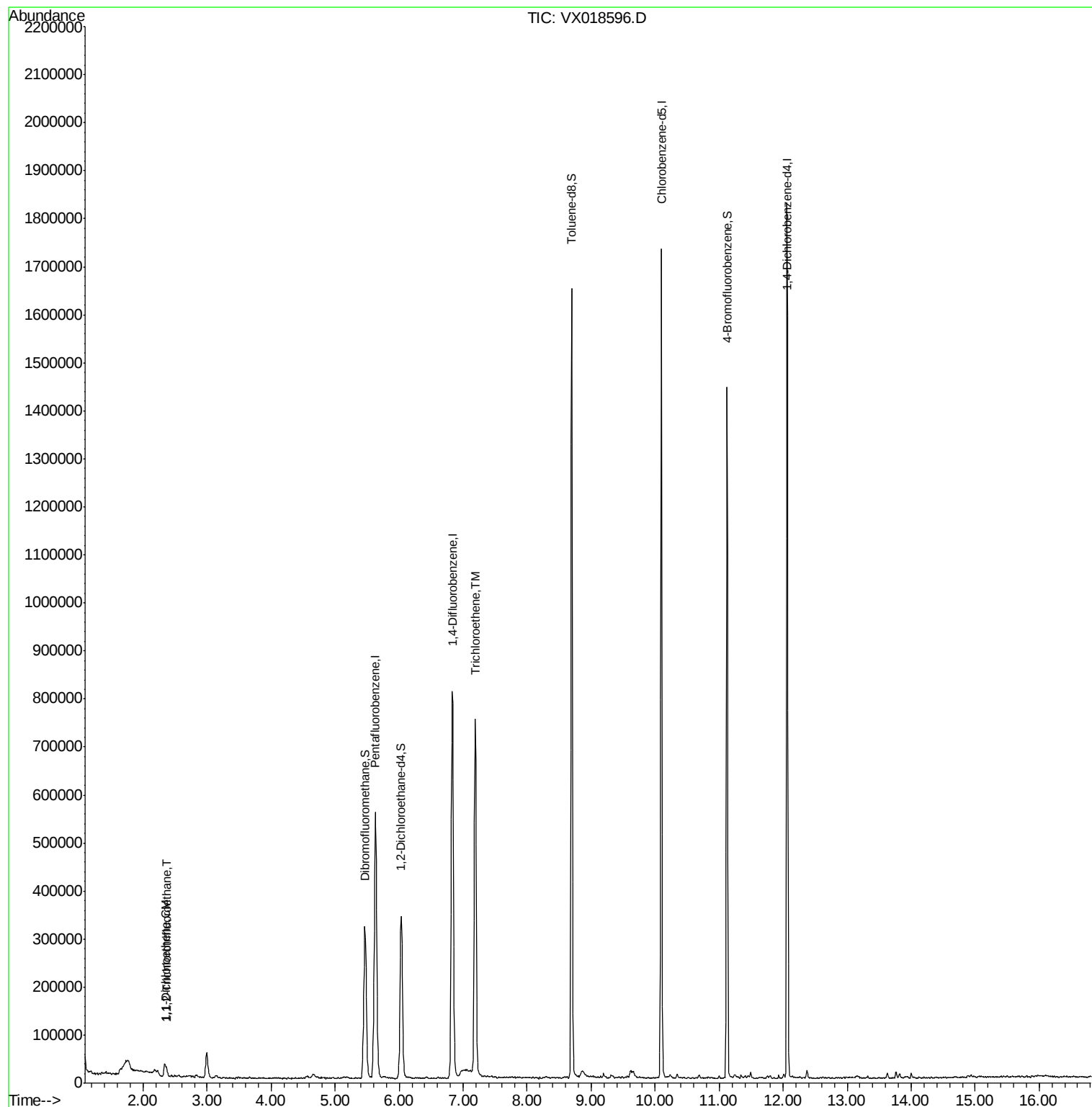
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	502077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	790971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	752400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	362278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	344241	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	5.47	113	274471	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	8.70	98	966540	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.12	95	358394	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.36	101	4474	0.927	ug/l #	85
12) 1,1-Dichloroethene	2.36	96	3046	0.626	ug/l #	81
44) Trichloroethene	7.19	130	283429	44.500	ug/l	99

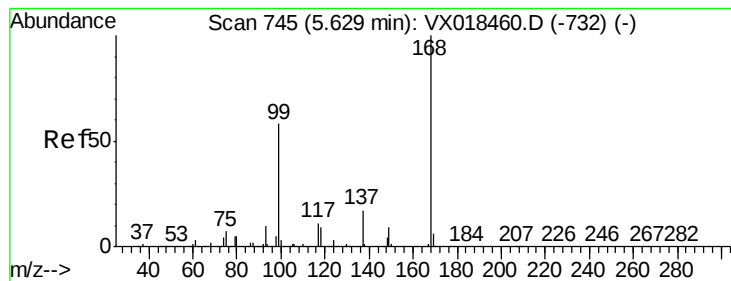
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

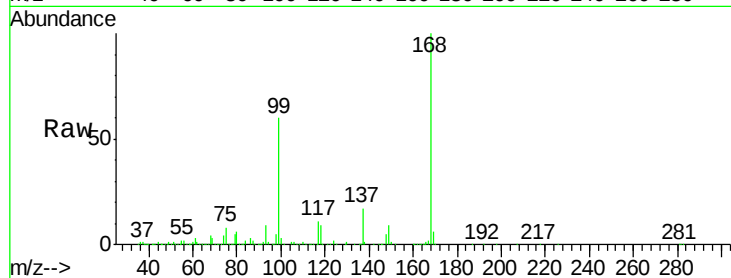
TT180D1-20200921DL

Tot Ion:168 Resp: 502077

Ion Ratio Lower Upper

168 100

99 59.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

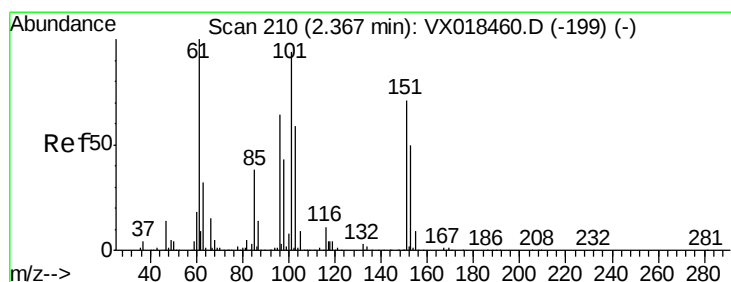
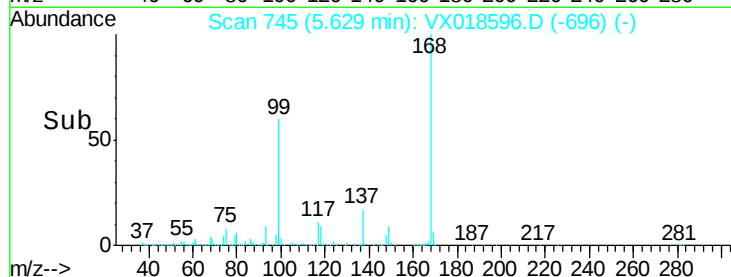
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.927 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

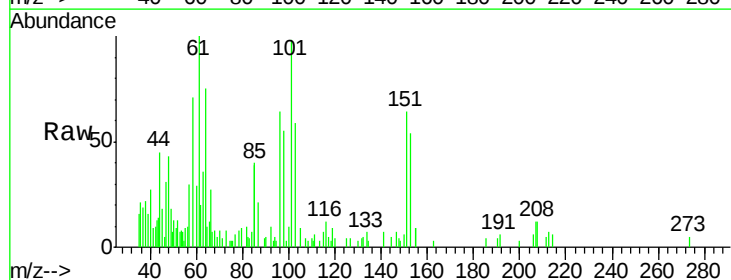
Tgt Ion:101 Resp: 4474

Ion Ratio Lower Upper

101 100

85 52.1 34.7 52.1#

151 67.5 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2500

2000

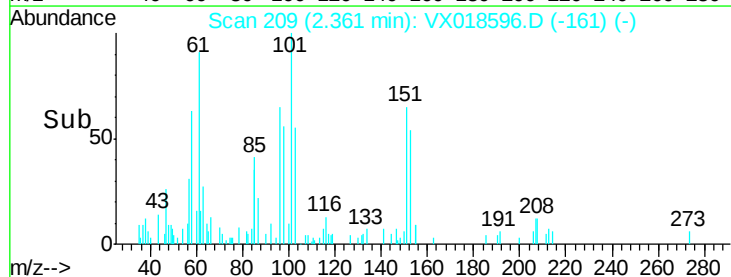
1500

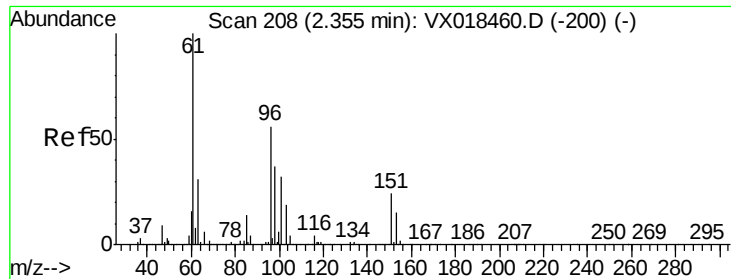
1000

500

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.626 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

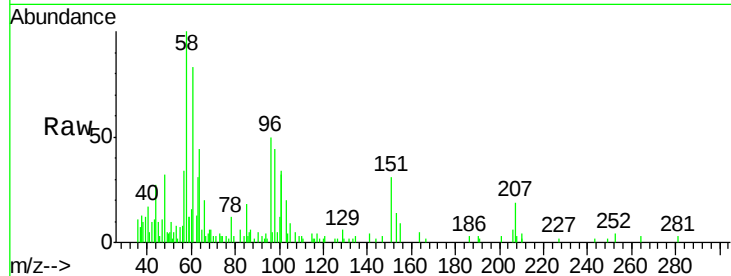
Tot Ion: 96 Resp: 3046

Ion Ratio Lower Upper

96 100

61 155.7 142.2 213.4

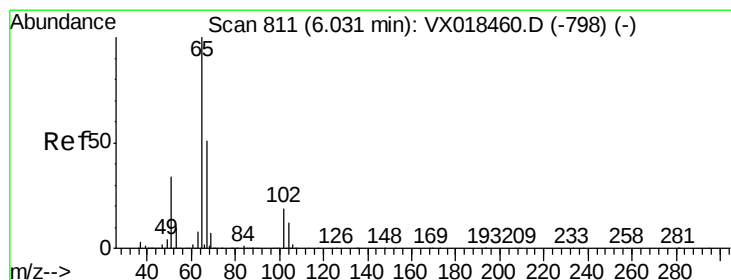
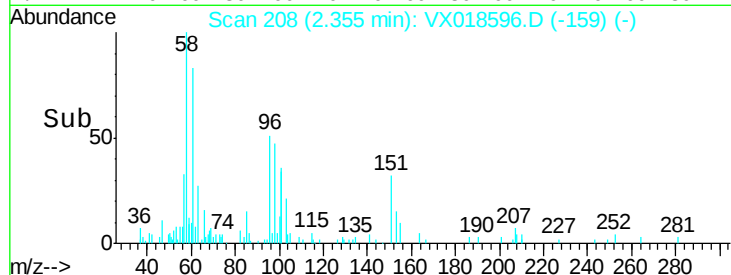
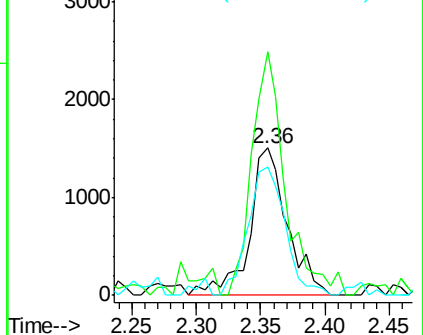
98 87.7 52.4 78.6#



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: 48.467 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018596.D

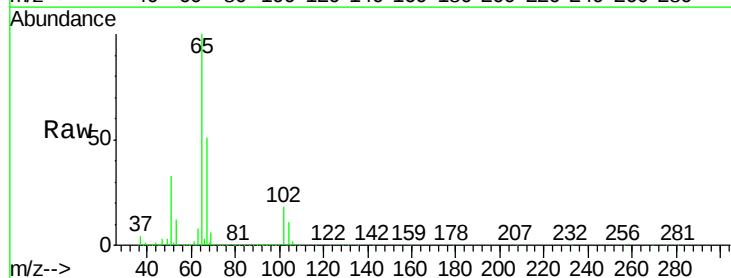
Acq: 25 Sep 2020 15:35

Tgt Ion: 65 Resp: 344241

Ion Ratio Lower Upper

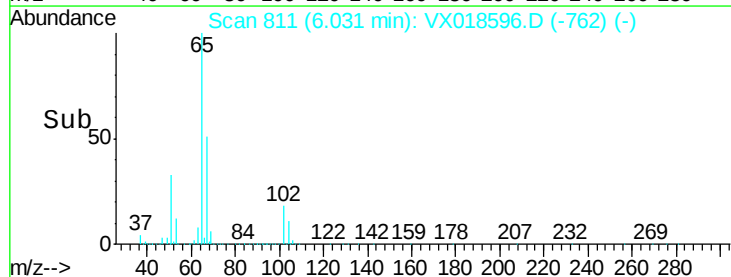
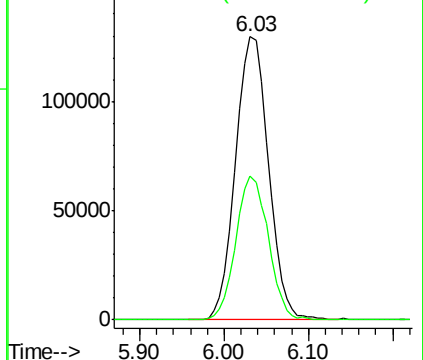
65 100

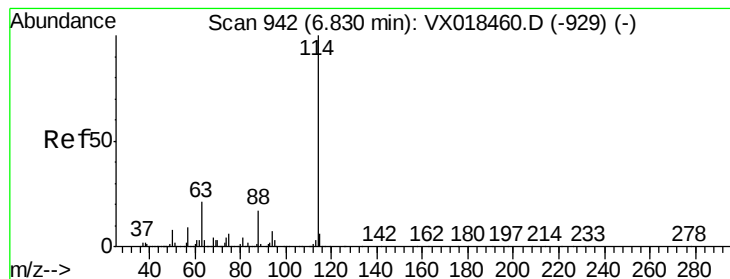
67 50.0 0.0 105.6



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

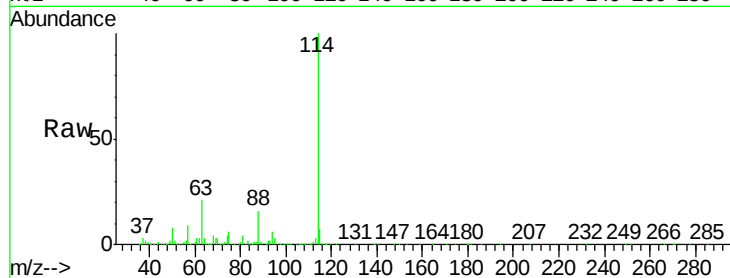
Tot Ion:114 Resp: 790971

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

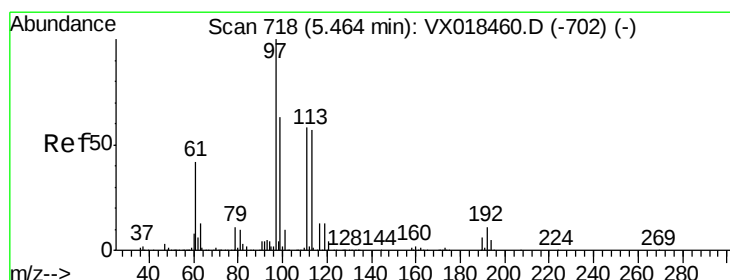
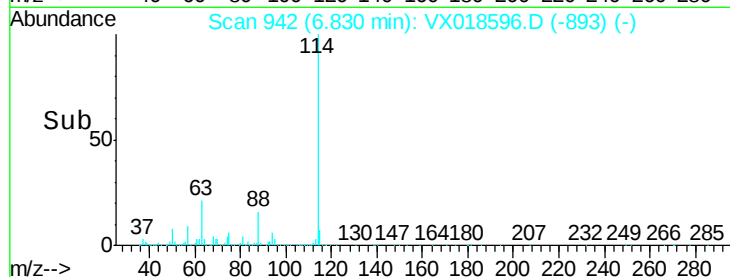
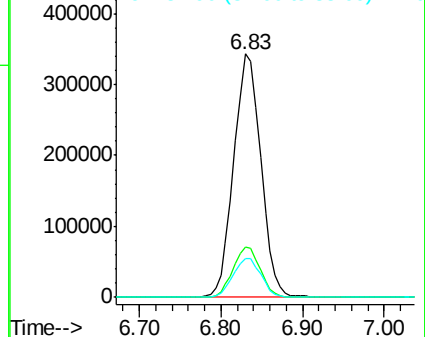
88 15.9 0.0 33.6



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: 50.195 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

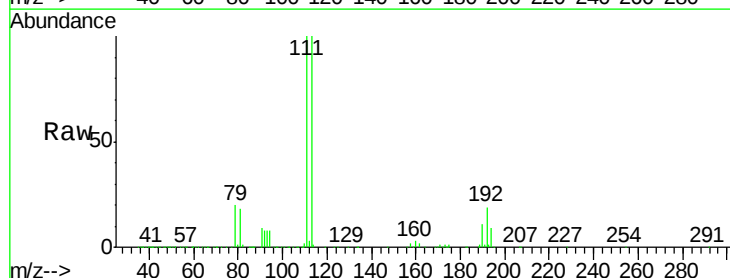
Tgt Ion:113 Resp: 274471

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

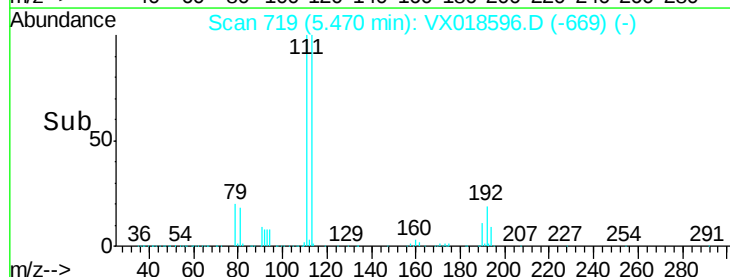
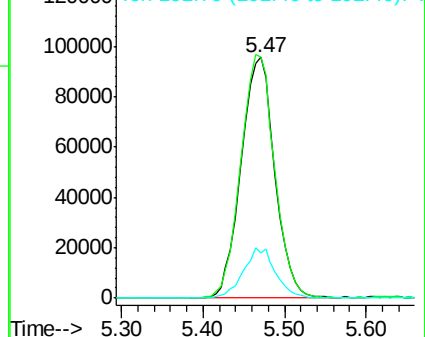
192 20.0 16.6 24.8

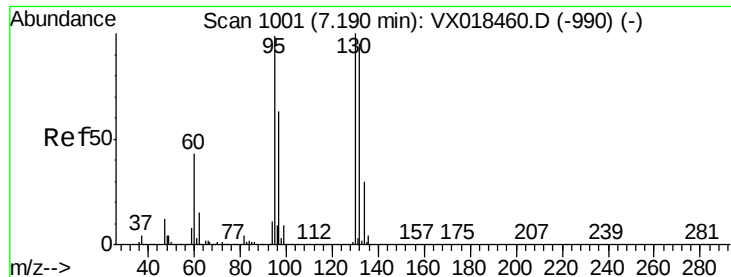


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 44.500 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

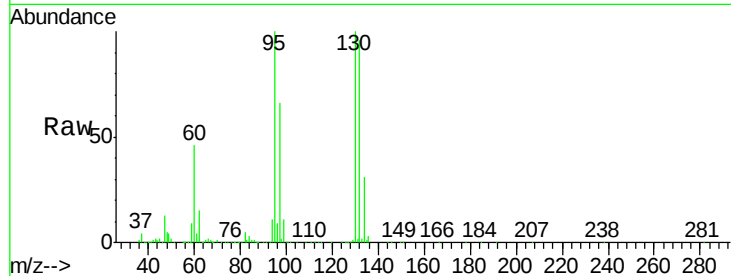
TT180D1-20200921DL

Tot Ion:130 Resp: 283429

Ion Ratio Lower Upper

130 100

95 100.1 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

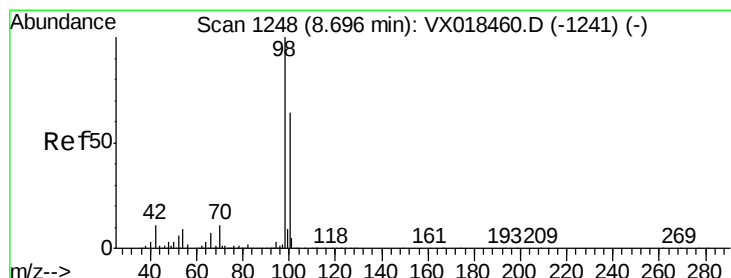
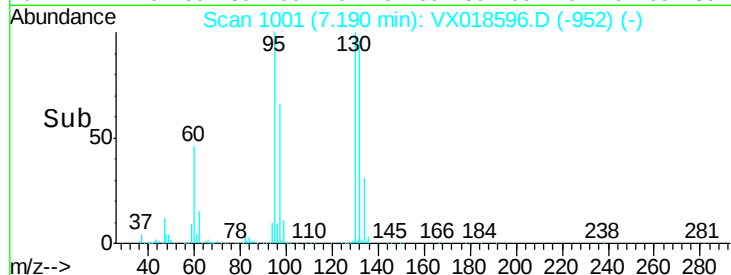
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 48.649 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018596.D

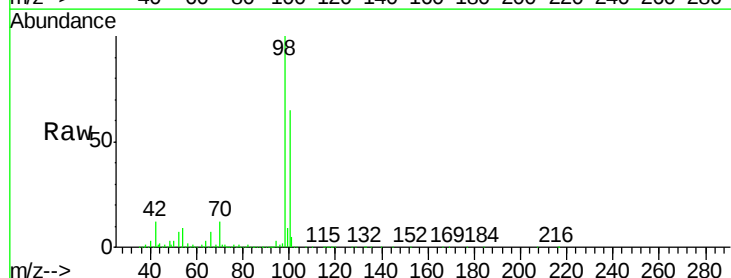
Acq: 25 Sep 2020 15:35

Tgt Ion: 98 Resp: 966540

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

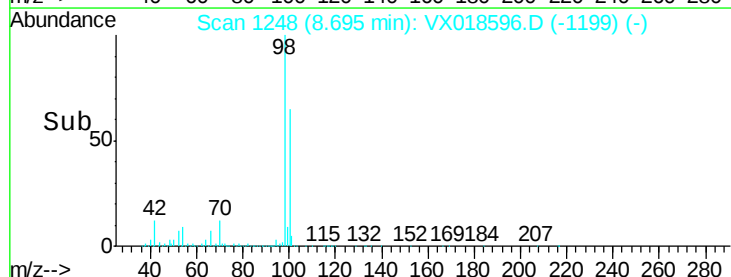
600000

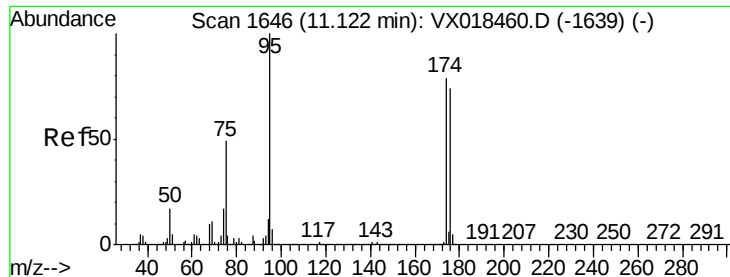
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.350 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

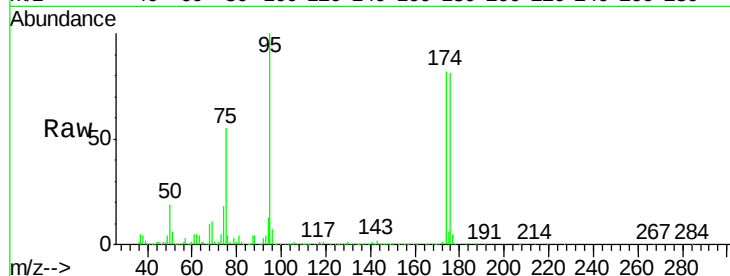
Tot Ion: 95 Resp: 358394

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.4

176 78.6 0.0 151.4

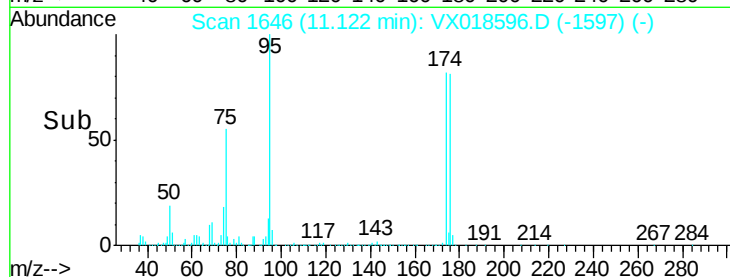


Abundance Ion 94.90 (94.60 to 95.60): VX018460.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018460.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018460.D (-1639) (-)

Time-->

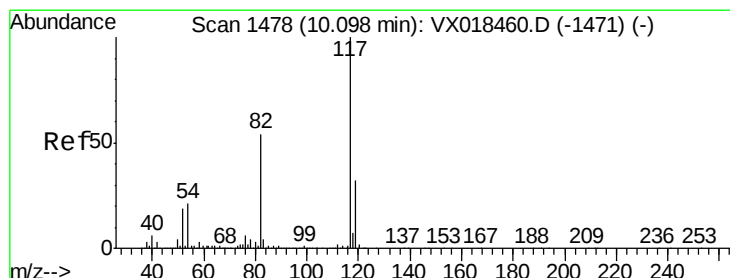


Abundance Ion 94.90 (94.60 to 95.60): VX018596.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018596.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018596.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

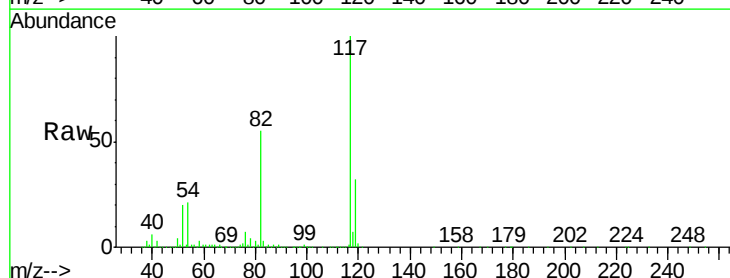
Tgt Ion: 117 Resp: 752400

Ion Ratio Lower Upper

117 100

82 55.4 43.3 64.9

119 32.1 25.9 38.9

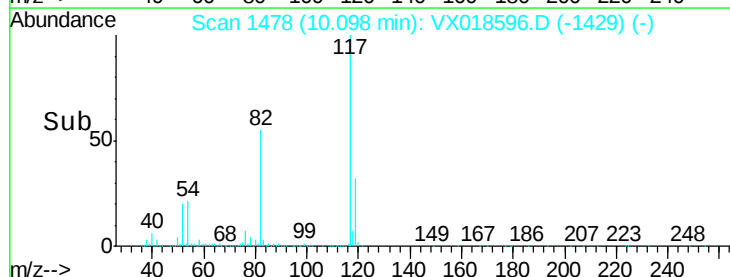


Abundance Ion 116.90 (116.60 to 117.60): VX018460.D (-1471) (-)

Ion 82.00 (81.70 to 82.70): VX018460.D (-1471) (-)

Ion 118.90 (118.60 to 119.60): VX018460.D (-1471) (-)

Time-->

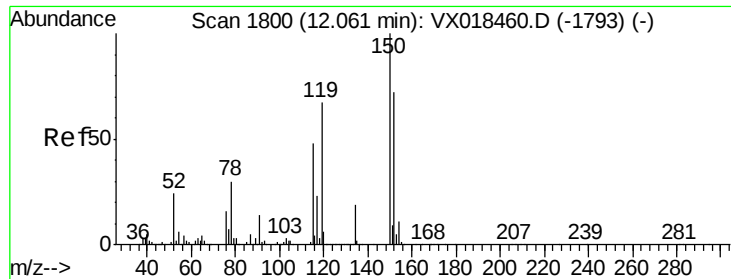


Abundance Ion 116.90 (116.60 to 117.60): VX018596.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018596.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018596.D (-1429) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018596.D

Acq: 25 Sep 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20200921DL

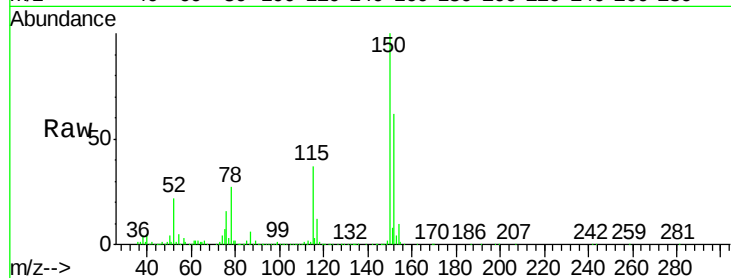
Tot Ion:152 Resp: 362278

Ion Ratio Lower Upper

152 100

115 60.7 41.8 125.4

150 156.9 0.0 342.4



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

