

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017733.D
 Acq On : 01 Aug 2020 04:25
 Operator : JC/SP
 Sample : PB130661ZHE#29
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130661ZHE#29

Quant Time: Aug 01 05:29:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

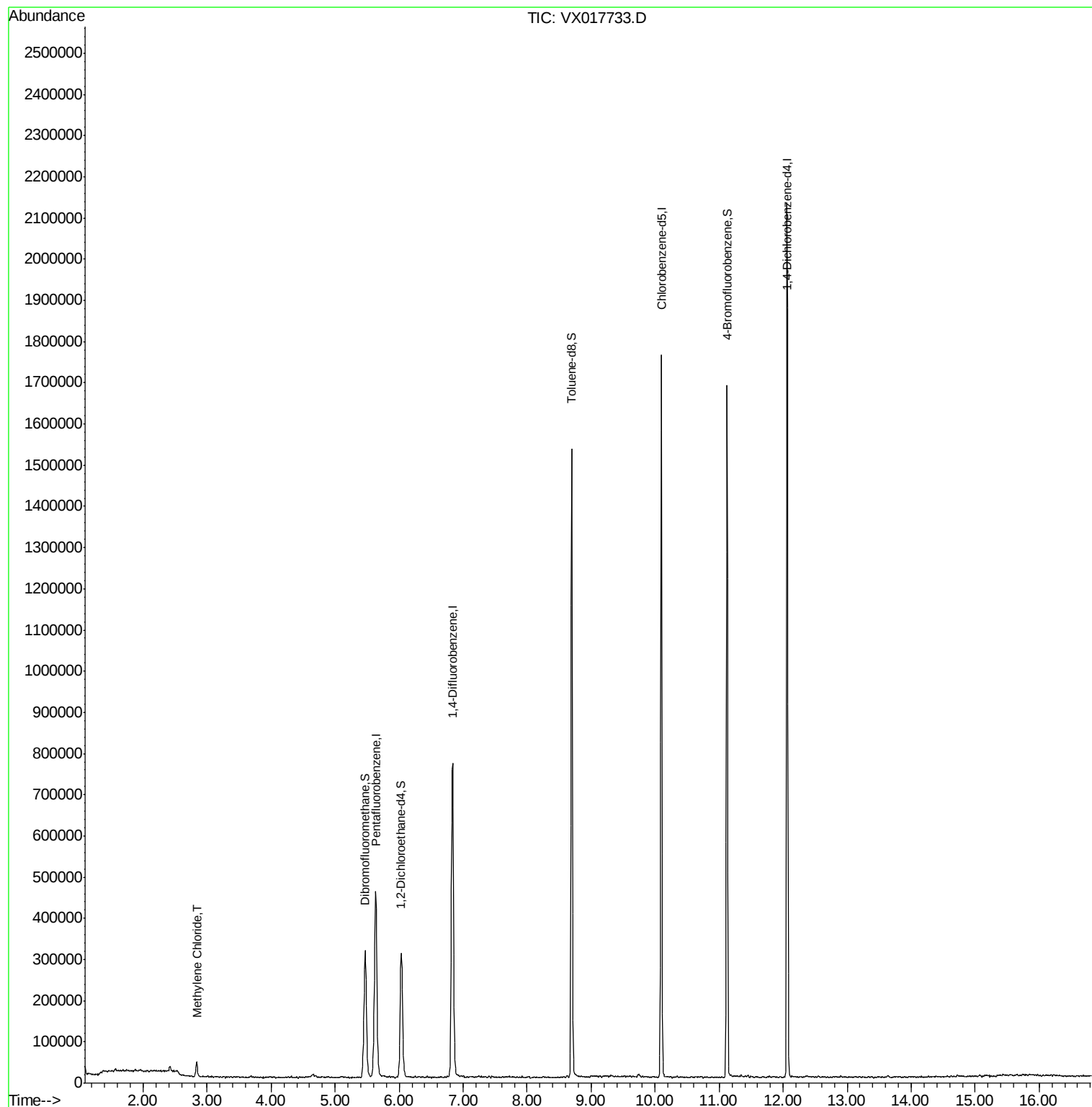
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	436927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	758301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	791771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	433936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	312271	55.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.28%	
35) Dibromofluoromethane	5.47	113	260165	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
50) Toluene-d8	8.70	98	899623	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.12	95	411880	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
Target Compounds						
20) Methylene Chloride	2.84	84	16266	2.270	ug/l	Qvalue 87

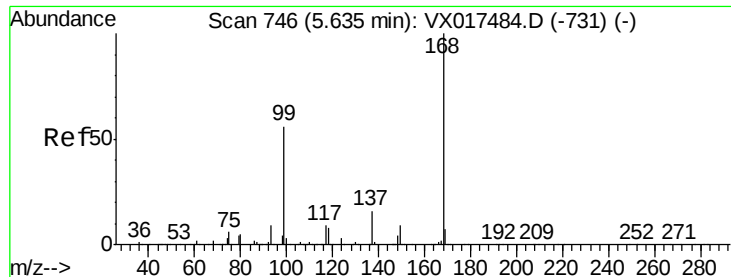
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 05:48:09 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017733.D

Acq: 01 Aug 2020 04:25

Instrument :

MSVOA_X

ClientSampleId :

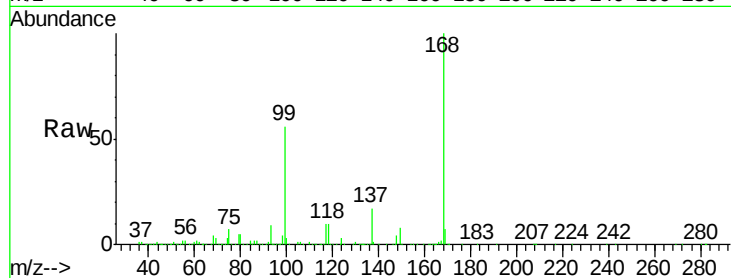
PB130661ZHE#29

Tot Ion:168 Resp: 436927

Ion Ratio Lower Upper

168 100

99 55.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

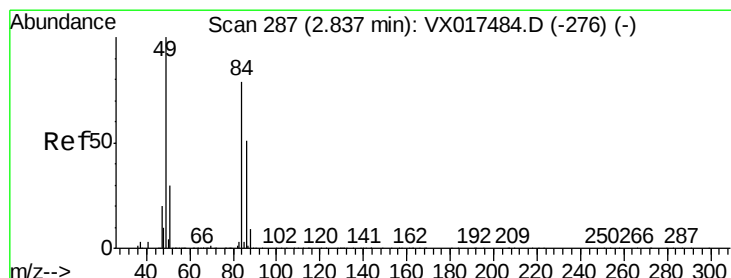
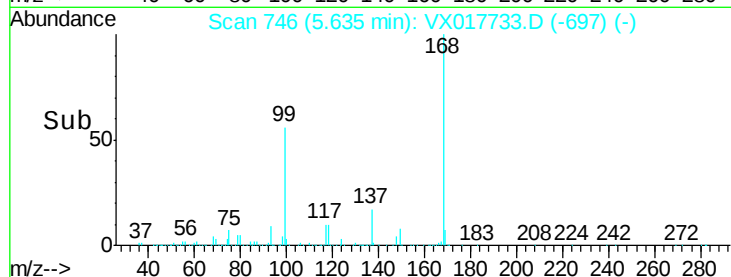
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.270 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017733.D

Acq: 01 Aug 2020 04:25

Tgt Ion: 84 Resp: 16266

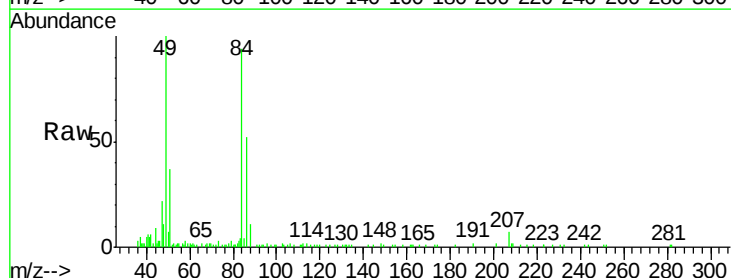
Ion Ratio Lower Upper

84 100

49 106.0 100.3 150.5

51 37.2 30.5 45.7

86 55.3 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

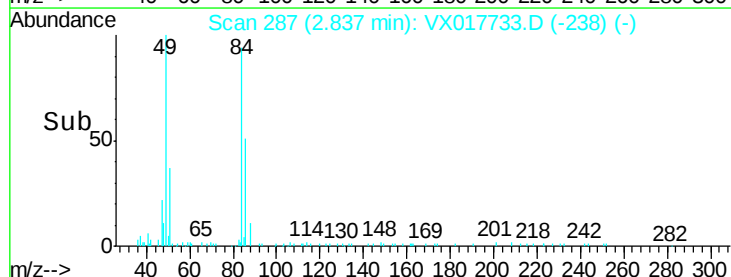
15000

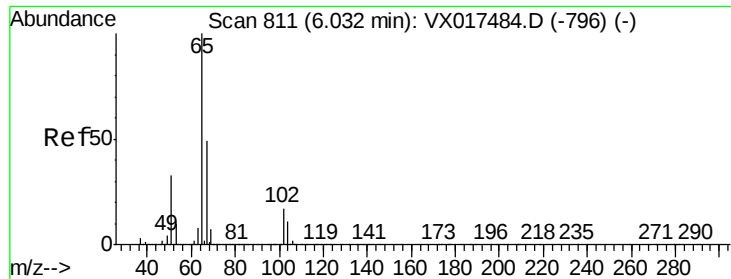
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.638 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017733.D

Acq: 01 Aug 2020 04:25

Instrument :

MSVOA_X

ClientSampleId :

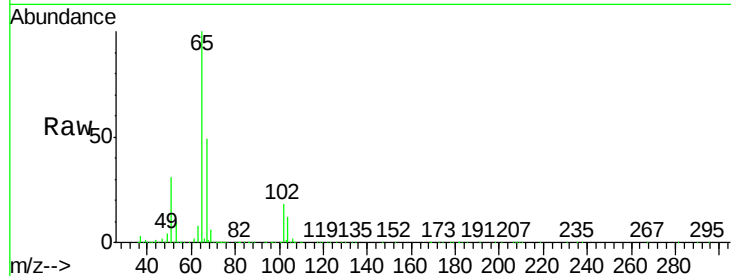
PB130661ZHE#29

Tot Ion: 65 Resp: 312271

Ion Ratio Lower Upper

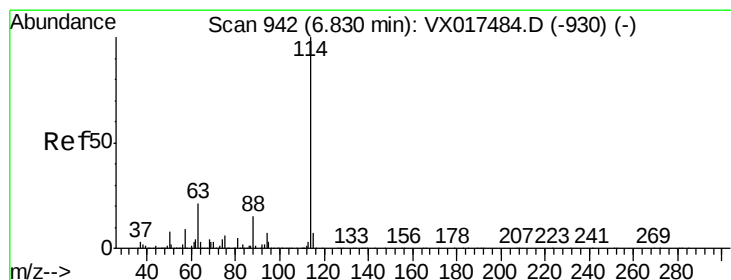
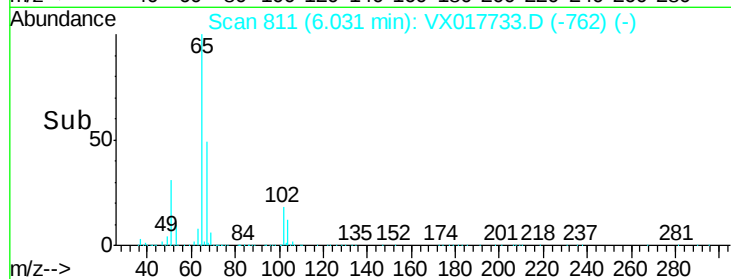
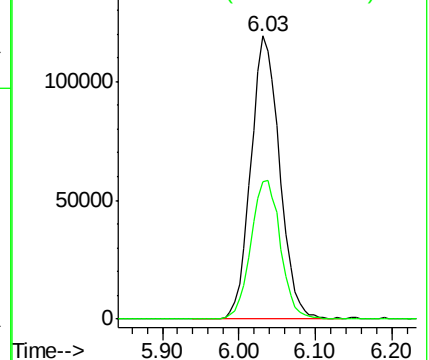
65 100

67 50.7 0.0 102.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017733.D

Acq: 01 Aug 2020 04:25

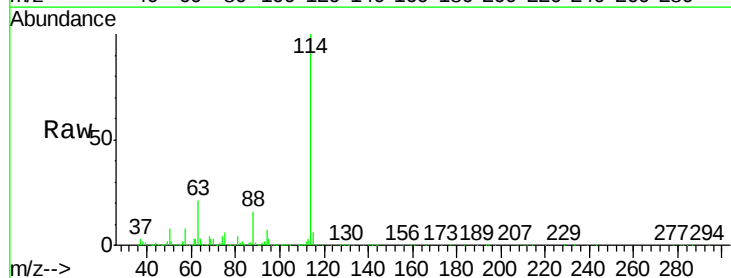
Tgt Ion: 114 Resp: 758301

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

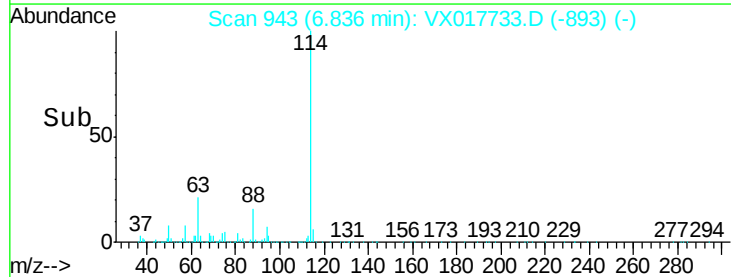
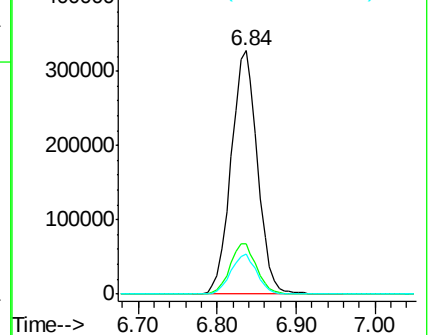
88 16.2 0.0 33.4

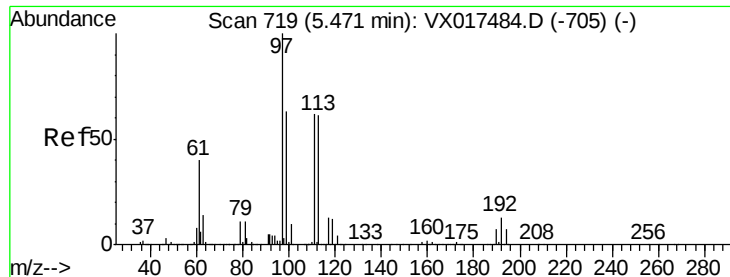


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.299 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017733.D

Acq: 01 Aug 2020 04:25

Instrument :

MSVOA_X

ClientSampleId :

PB130661ZHE#29

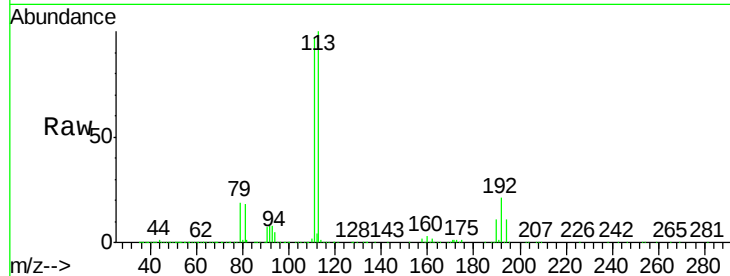
Tot Ion:113 Resp: 260165

Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

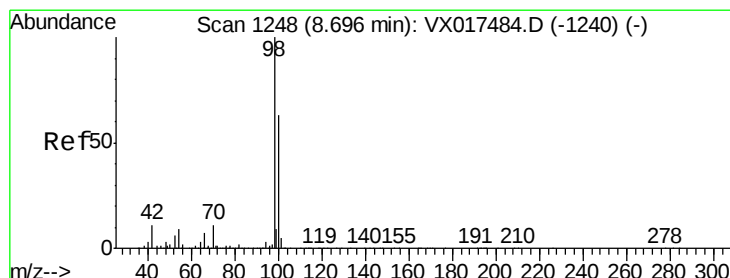
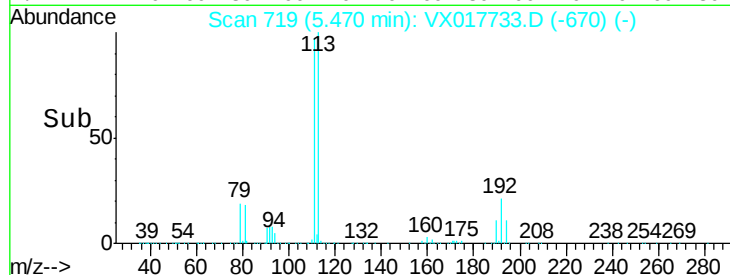
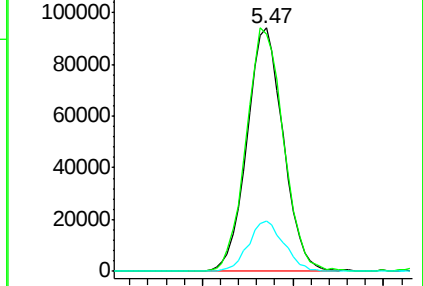
192 20.6 16.9 25.3



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: 49.172 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017733.D

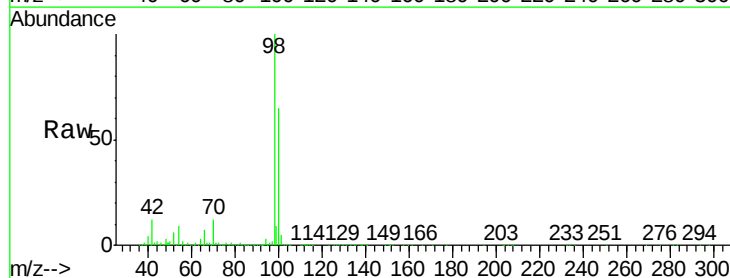
Acq: 01 Aug 2020 04:25

Tgt Ion: 98 Resp: 899623

Ion Ratio Lower Upper

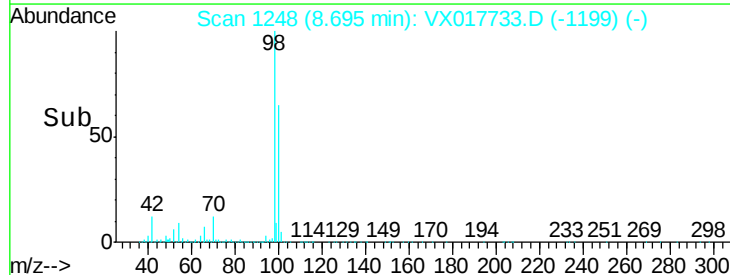
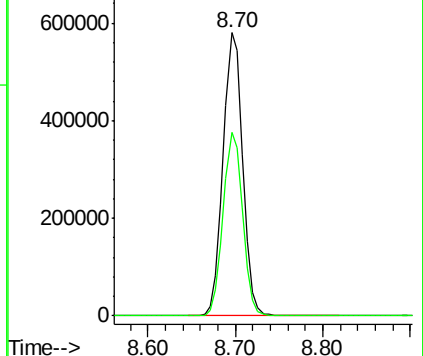
98 100

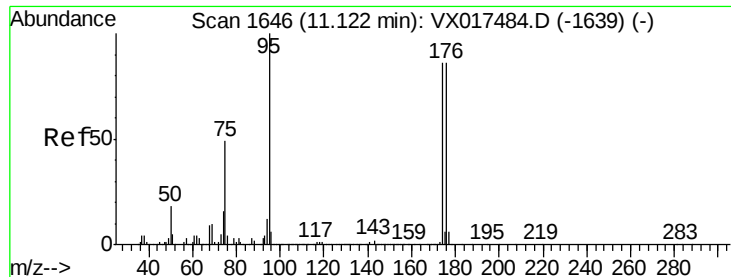
100 64.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 56.253 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017733.D

Acq: 01 Aug 2020 04:25

Instrument :

MSVOA_X

ClientSampleId :

PB130661ZHE#29

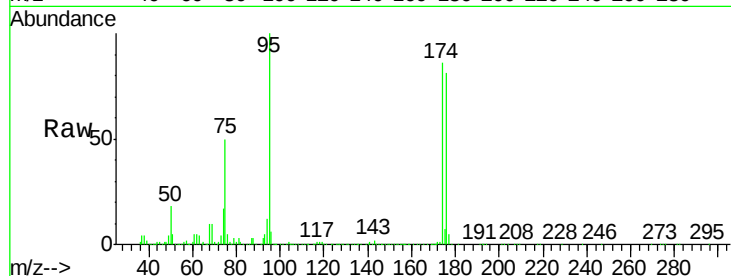
Tot Ion: 95 Resp: 411880

Ion Ratio Lower Upper

95 100

174 85.0 0.0 169.0

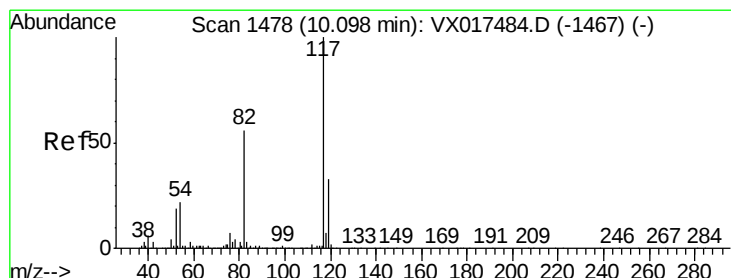
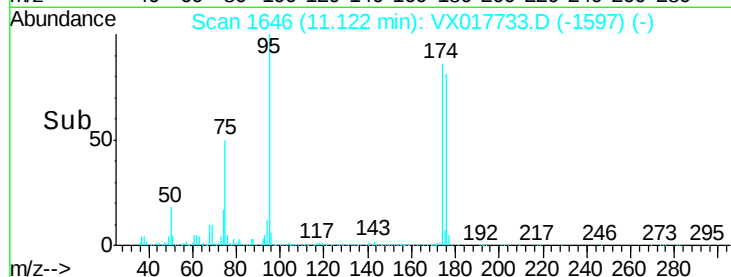
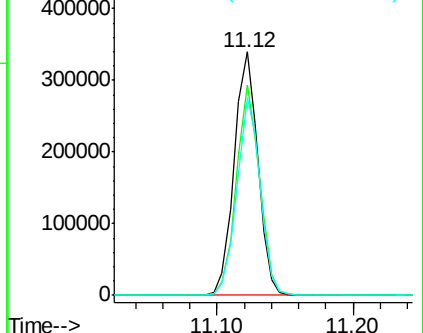
176 80.1 0.0 161.0



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: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017733.D

Acq: 01 Aug 2020 04:25

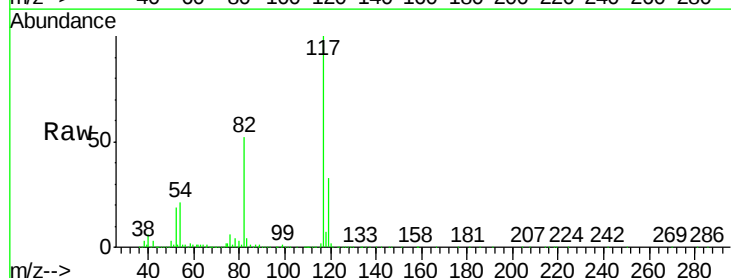
Tgt Ion: 117 Resp: 791771

Ion Ratio Lower Upper

117 100

82 51.9 44.0 66.0

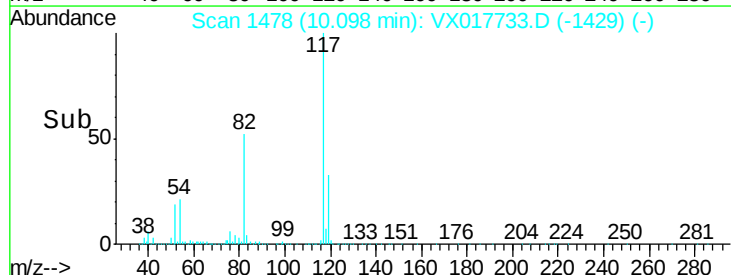
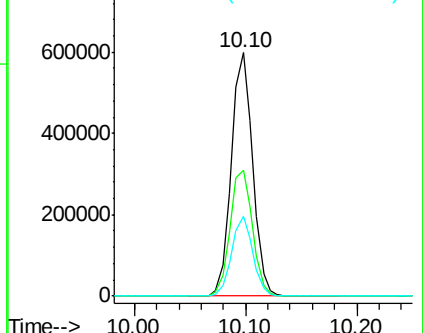
119 32.8 25.4 38.0

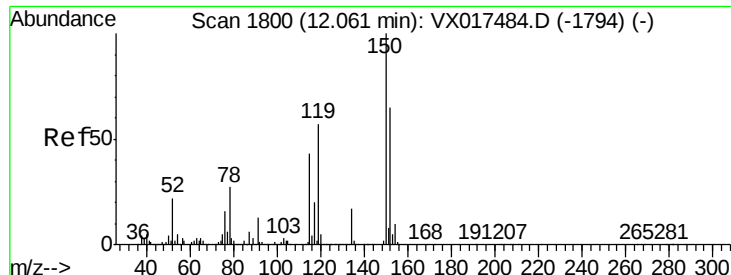


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017733.D

Acq: 01 Aug 2020 04:25

Instrument :

MSVOA_X

ClientSampleId :

PB130661ZHE#29

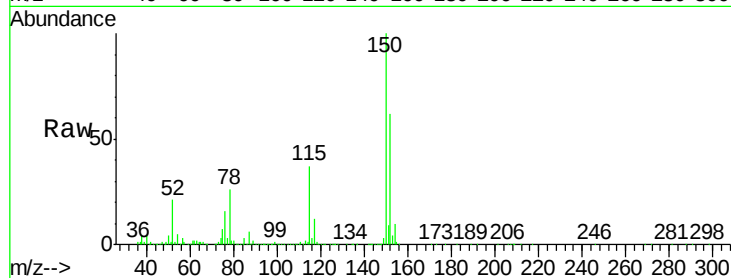
Tot Ion:152 Resp: 433936

Ion Ratio Lower Upper

152 100

115 58.3 65.5 196.6#

150 158.8 0.0 412.6



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

