

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016730.D
 Acq On : 12 Jun 2020 15:55
 Operator : JC/SP
 Sample : L3004-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611DL

Quant Time: Jun 13 05:42:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

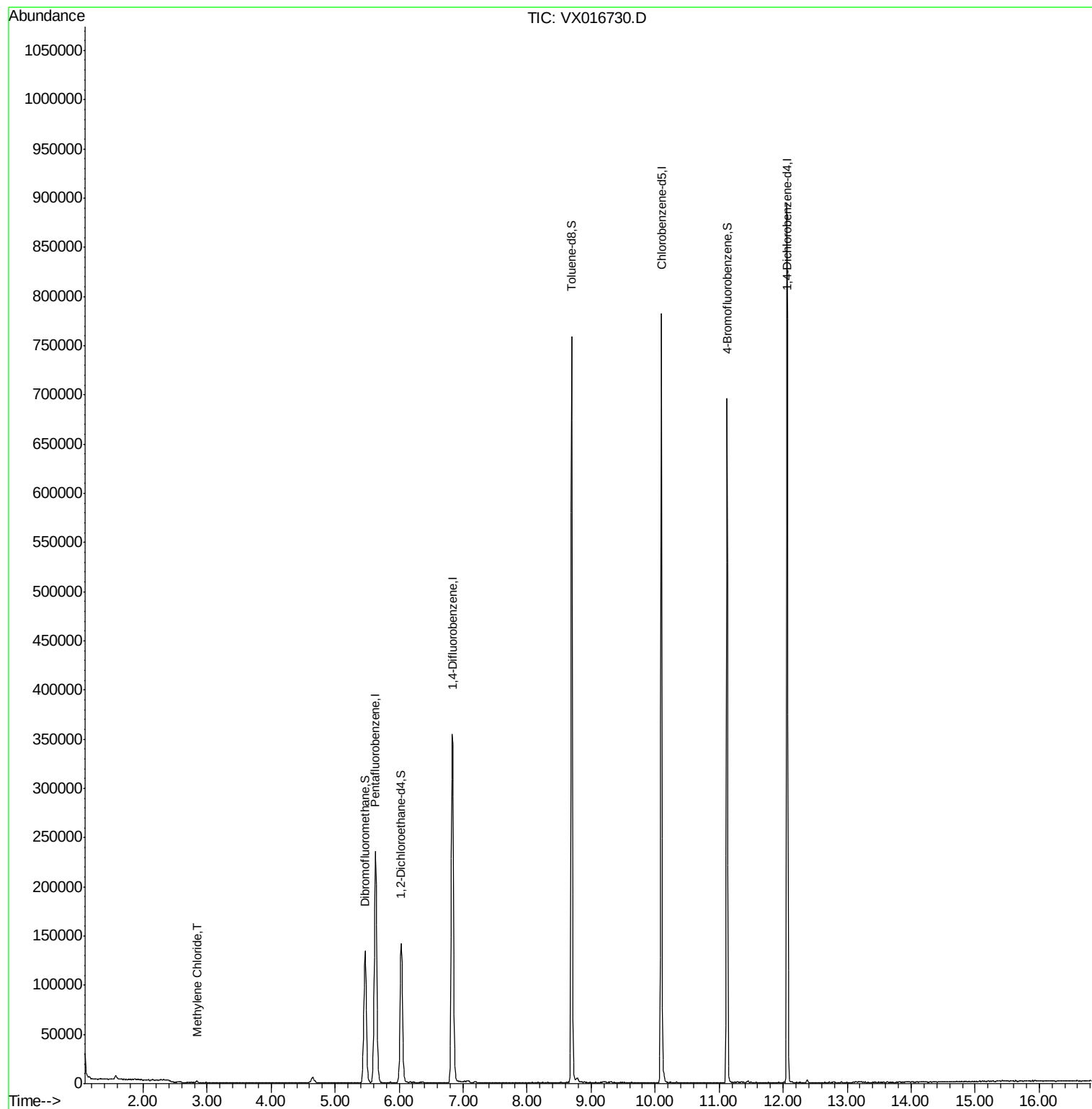
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	233978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	365778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	375153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	139907	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	5.47	113	117351	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	8.70	98	452651	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.12	95	178889	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
20) Methylene Chloride	2.84	84	993	0.377	ug/l	Qvalue 91

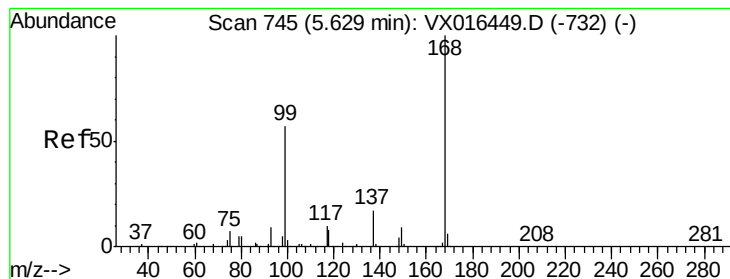
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 16:31:05 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016730.D

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MSVOA_X

ClientSampleId :

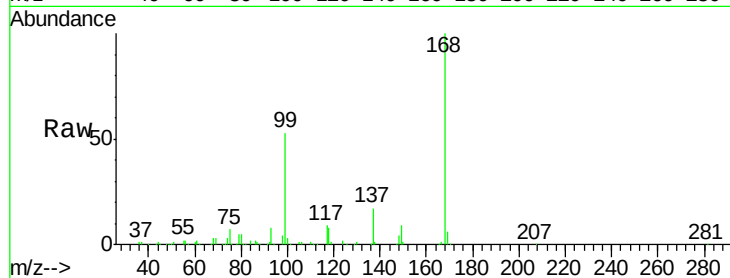
LF015RW050-200611DL

Tgt Ion:168 Resp: 233978

Ion Ratio Lower Upper

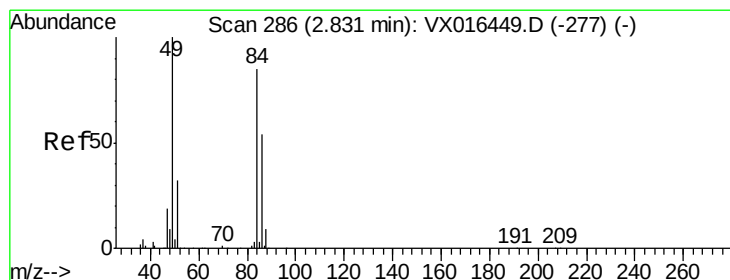
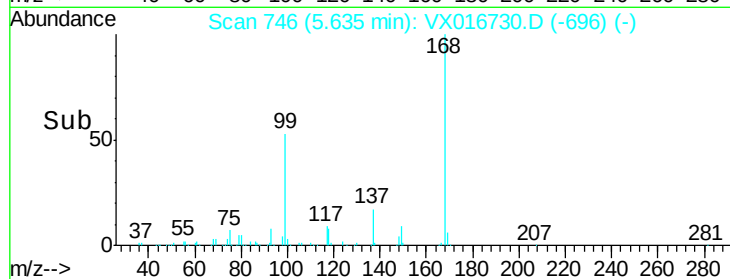
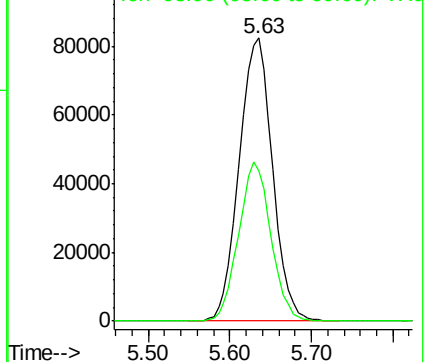
168 100

99 53.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 0.377 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Tgt Ion: 84 Resp: 993

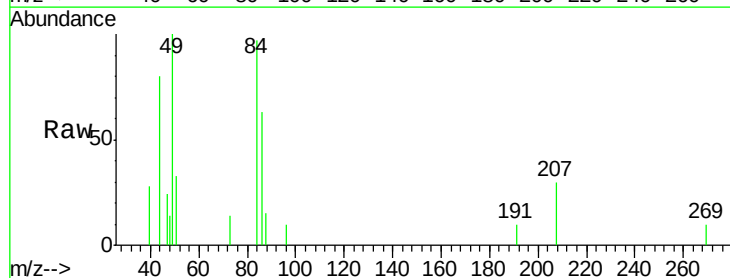
Ion Ratio Lower Upper

84 100

49 103.5 94.5 141.7

51 34.4 30.2 45.4

86 65.2 51.1 76.7

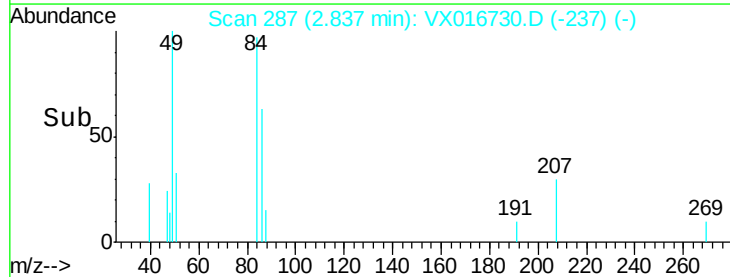
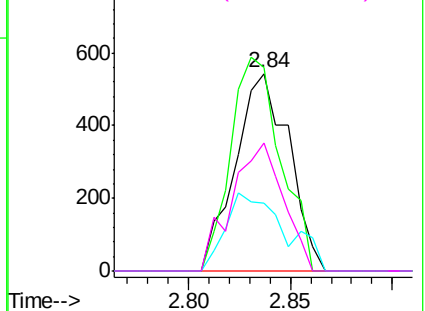


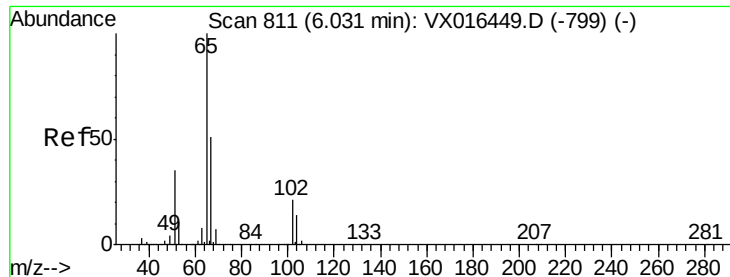
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

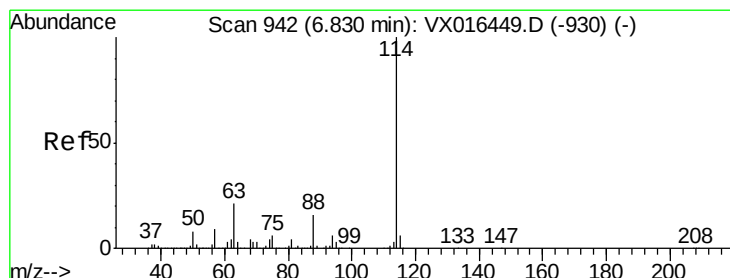
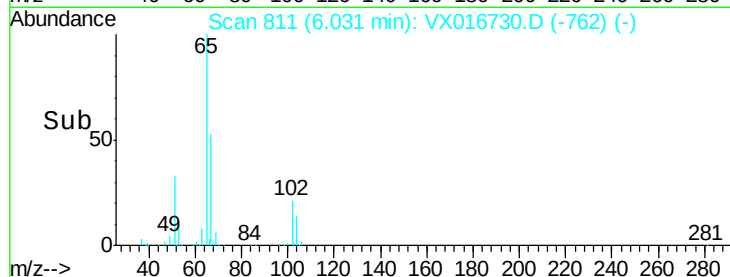
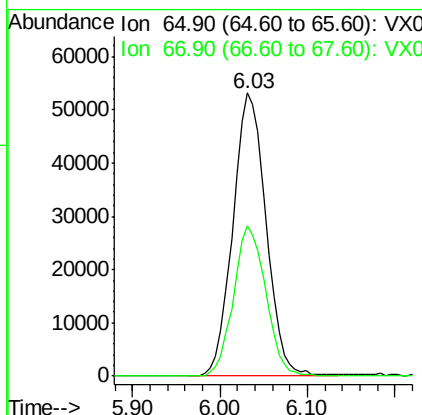
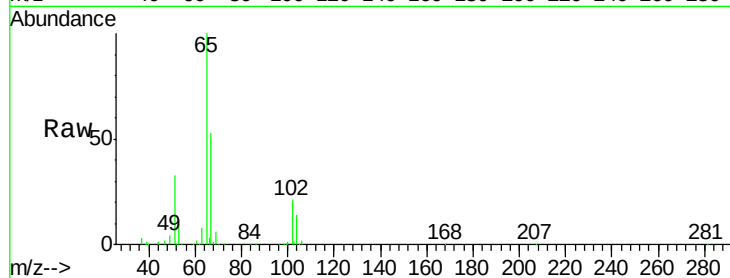




#33
 1,2-Dichloroethane-d4
 Concen: 48.149 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016730.D
 Acq: 12 Jun 2020 15:55

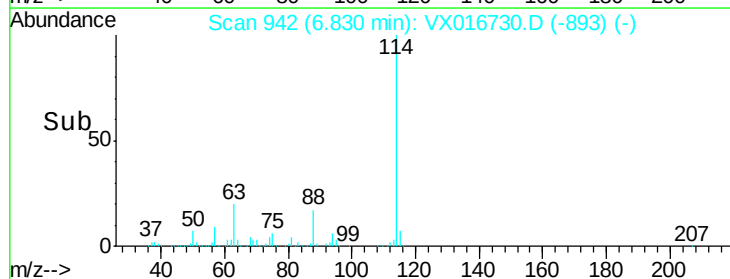
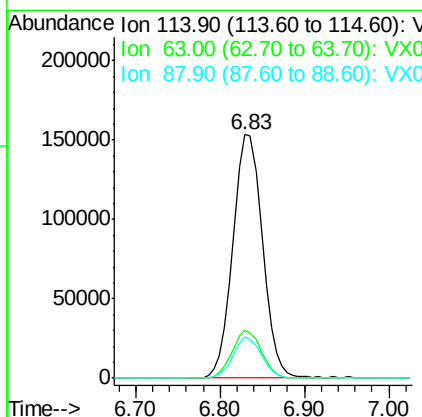
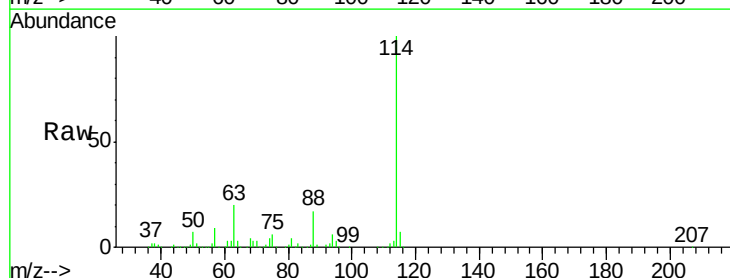
Instrument :
 MSVOA_X
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 LF015RW050-200611DL

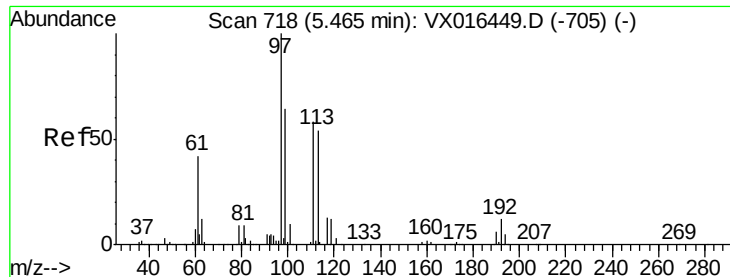
Tgt Ion: 65 Resp: 139907
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016730.D
 Acq: 12 Jun 2020 15:55

Tgt Ion: 114 Resp: 365778
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.6
 88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.104 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611DL

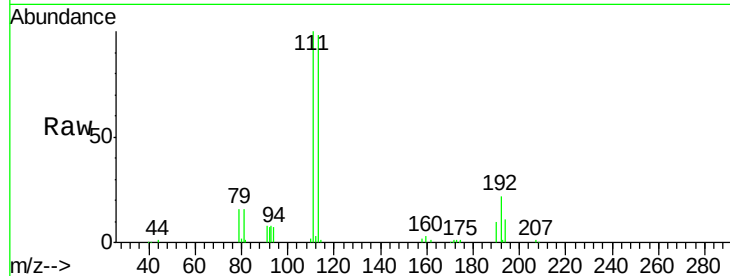
Tgt Ion:113 Resp: 117351

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

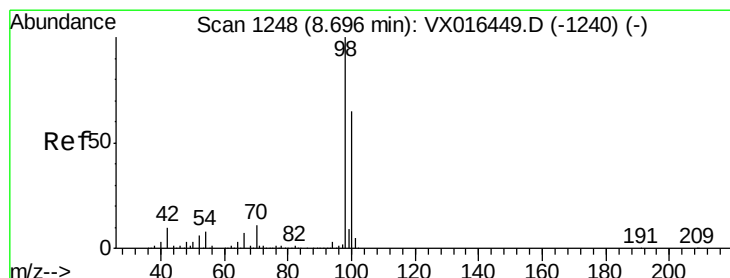
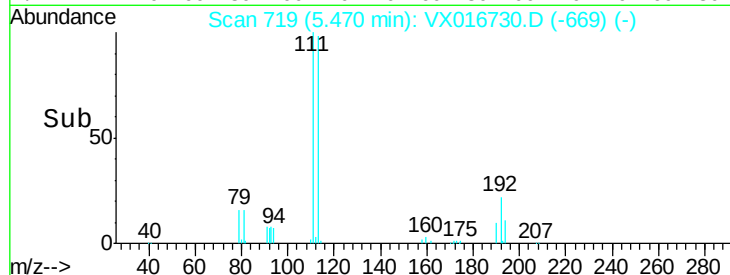
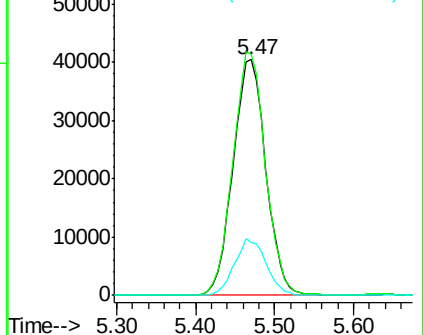
192 23.3 17.7 26.5



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: 51.635 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016730.D

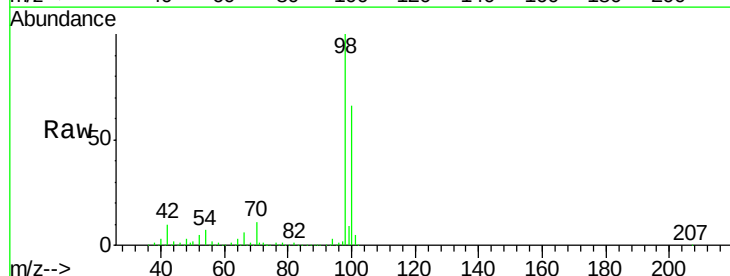
Acq: 12 Jun 2020 15:55

Tgt Ion: 98 Resp: 452651

Ion Ratio Lower Upper

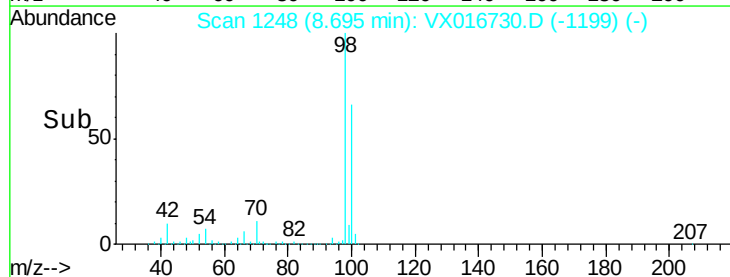
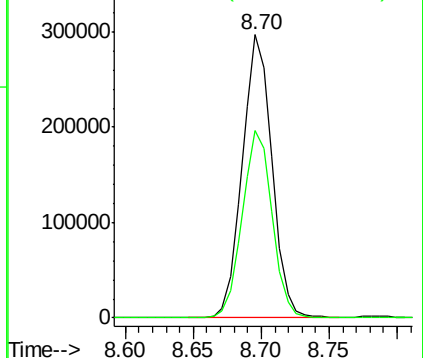
98 100

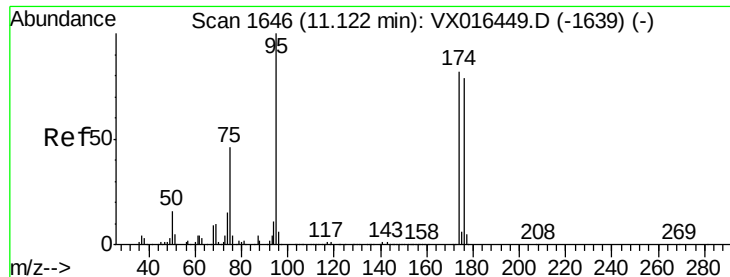
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.812 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611DL

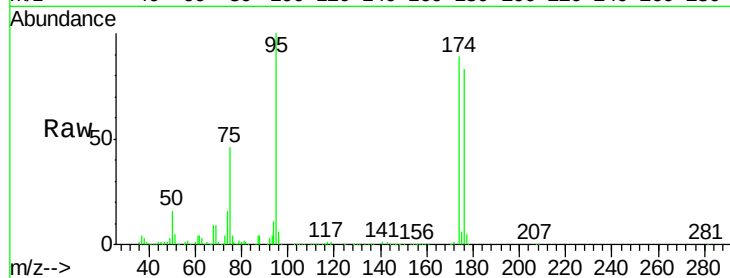
Tgt Ion: 95 Resp: 178889

Ion Ratio Lower Upper

95 100

174 86.6 0.0 163.0

176 83.9 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016449.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016449.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016449.D (-1639) (-)

11.12

150000

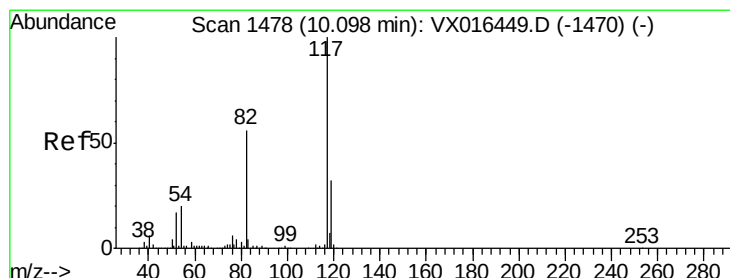
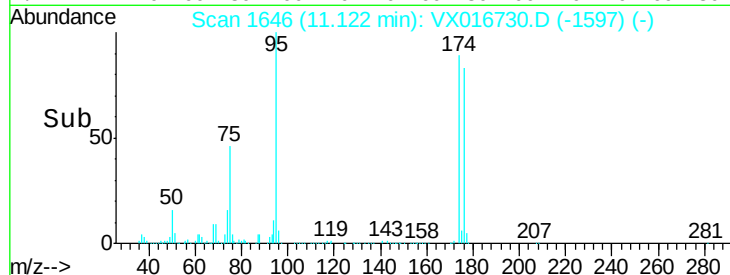
100000

50000

0

Time-->

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016730.D

Acq: 12 Jun 2020 15:55

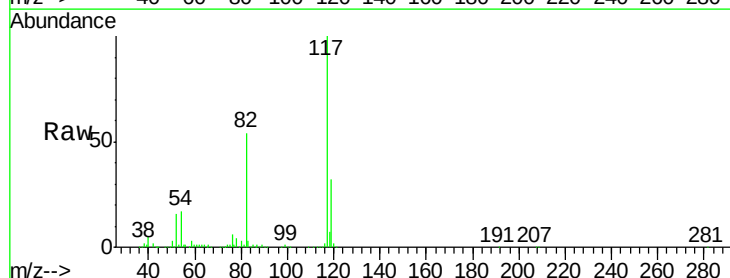
Tgt Ion: 117 Resp: 375153

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.6

119 32.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX016449.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016449.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016449.D (-1470) (-)

10.10

300000

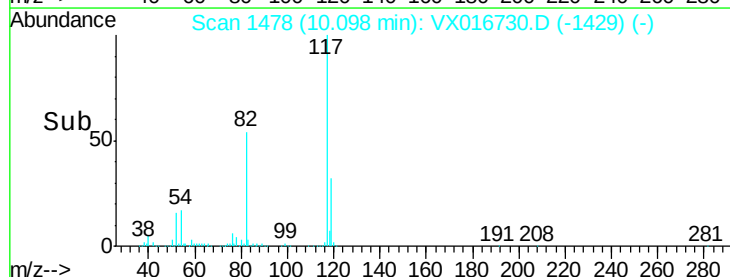
200000

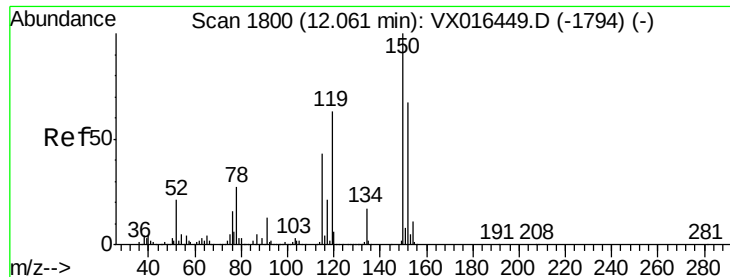
100000

0

Time-->

10.00 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016730.D

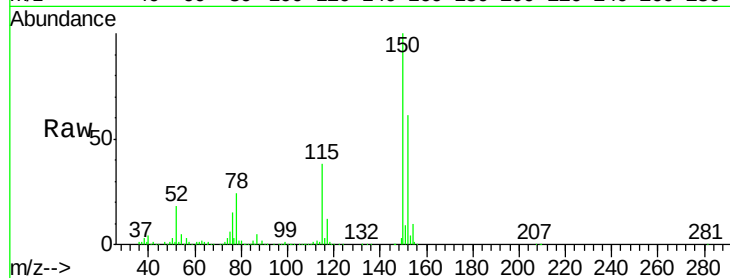
Acq: 12 Jun 2020 15:55

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611DL



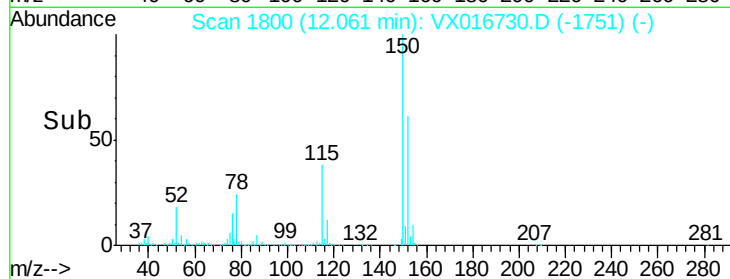
Tgt Ion:152 Resp: 186806

Ion Ratio Lower Upper

152 100

115 59.0 39.9 119.6

150 158.8 0.0 341.0



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

