

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016678.D
 Acq On : 10 Jun 2020 16:32
 Operator : JC/SP
 Sample : L2963-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW130-200608

Quant Time: Jun 11 03:34:19 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

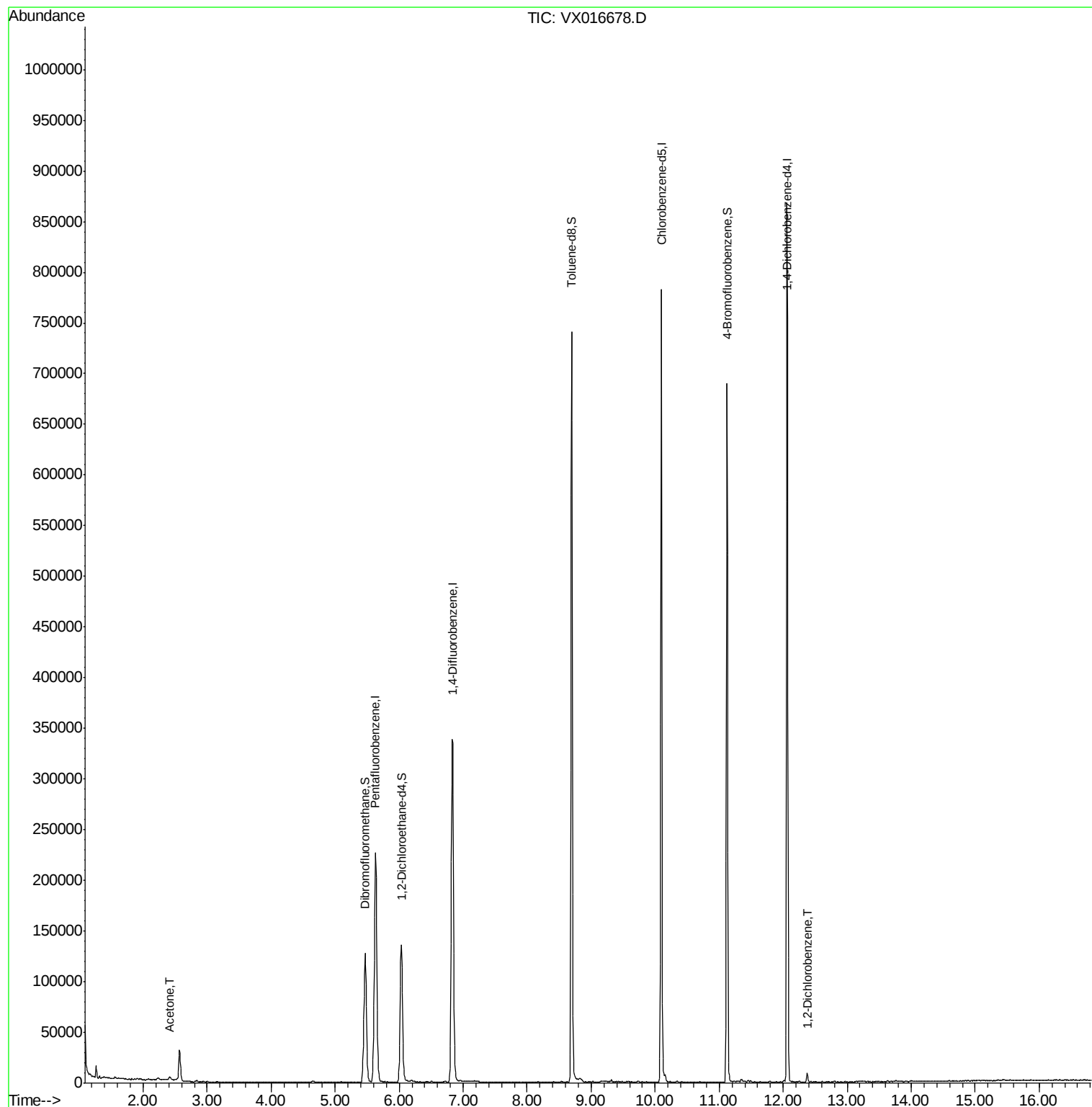
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	223755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	355057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	364847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130786	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
35) Dibromofluoromethane	5.47	113	108987	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	8.70	98	442200	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.12	95	178143	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
Target Compounds						
16) Acetone	2.42	43	3086	2.535	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	2596	0.454	ug/l	95

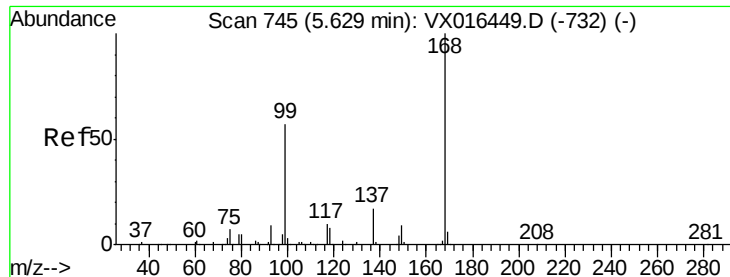
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

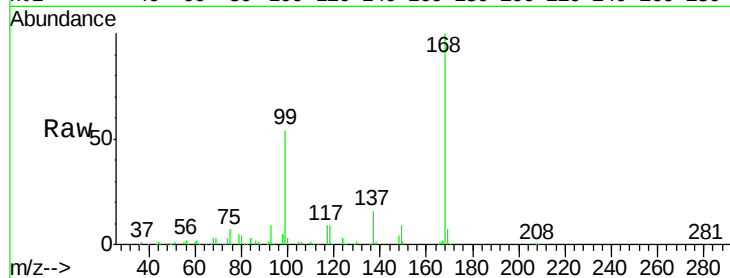
LF014MW130-200608

Tot Ion:168 Resp: 223755

Ion Ratio Lower Upper

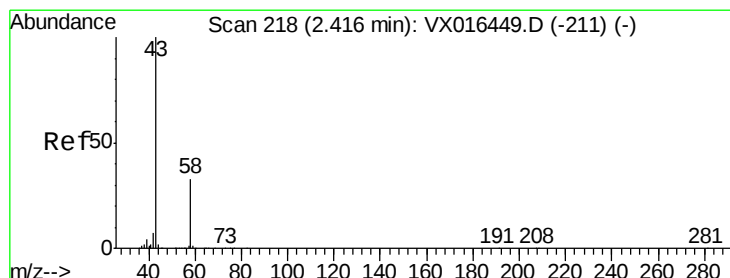
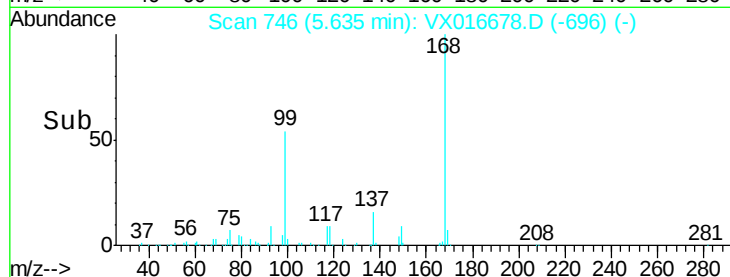
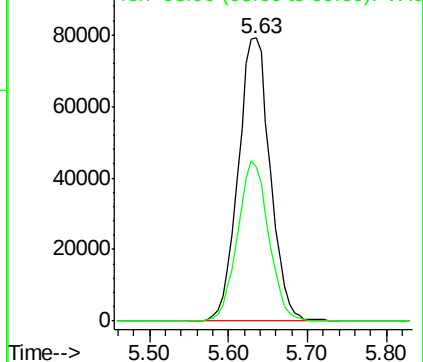
168 100

99 54.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.535 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016678.D

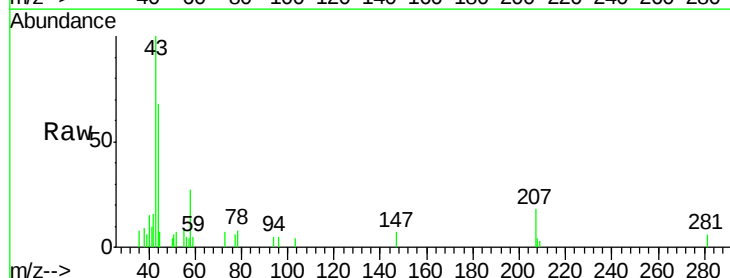
Acq: 10 Jun 2020 16:32

Tgt Ion: 43 Resp: 3086

Ion Ratio Lower Upper

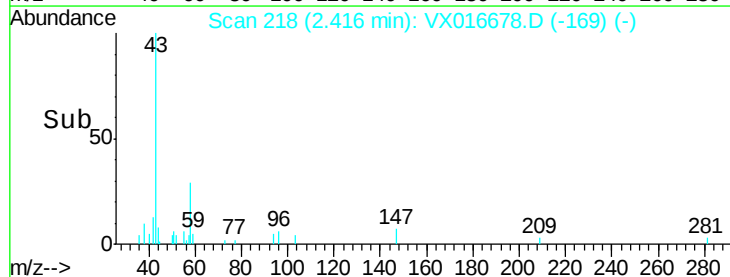
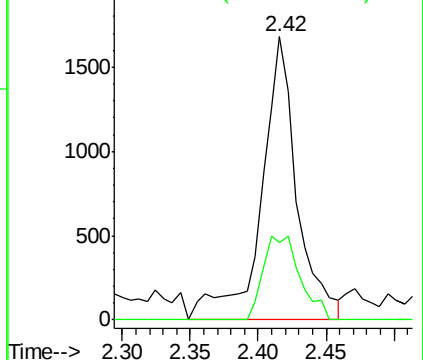
43 100

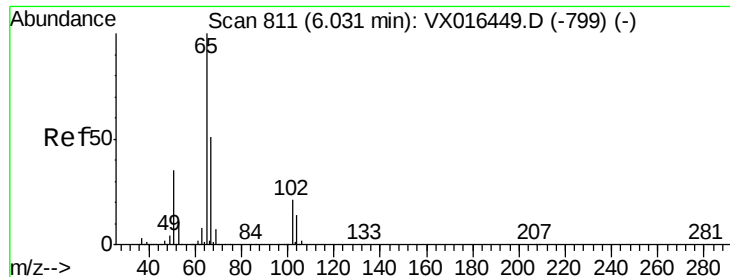
58 27.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.067 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

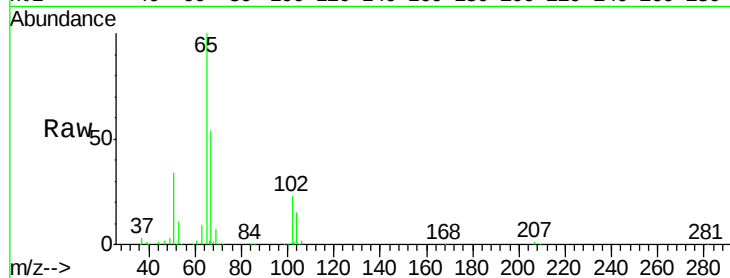
LF014MW130-200608

Tot Ion: 65 Resp: 130786

Ion Ratio Lower Upper

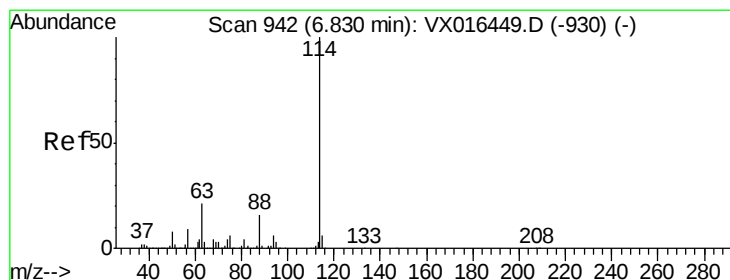
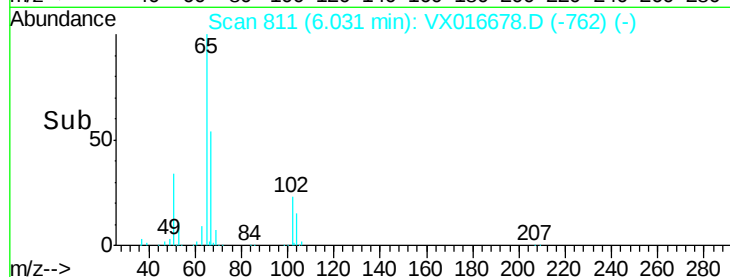
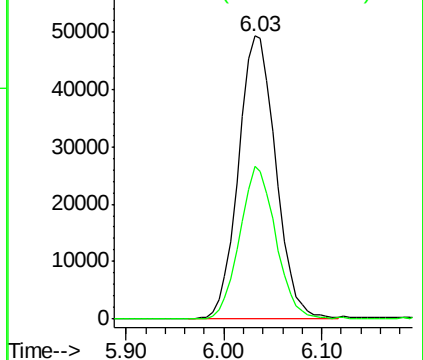
65 100

67 52.0 0.0 104.8



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: VX016678.D

Acq: 10 Jun 2020 16:32

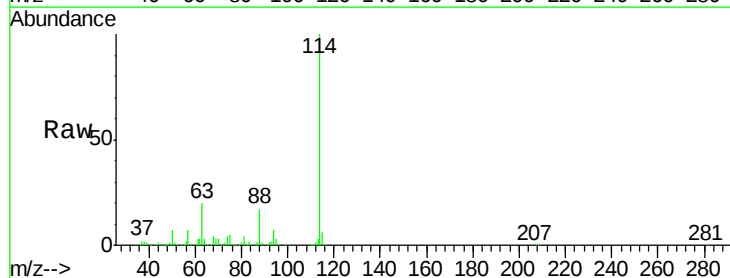
Tgt Ion: 114 Resp: 355057

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

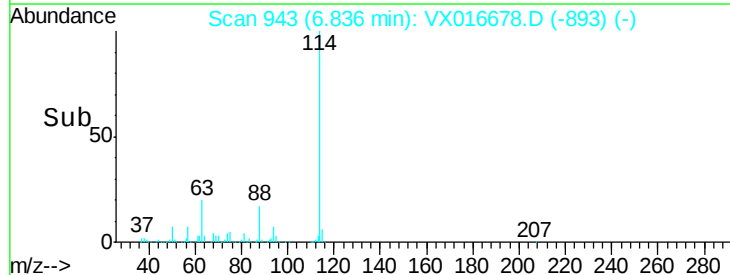
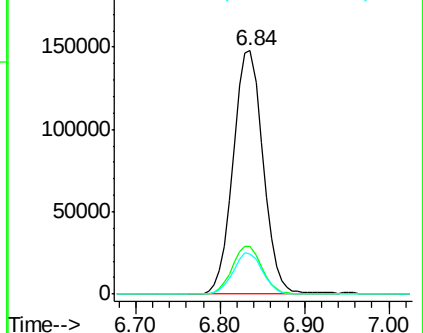
88 16.6 0.0 32.8

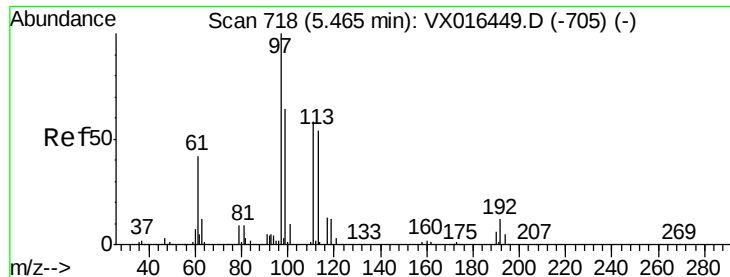


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.851 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

LF014MW130-200608

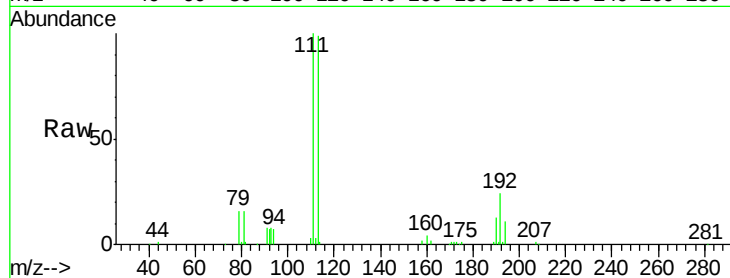
Tot Ion:113 Resp: 108987

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

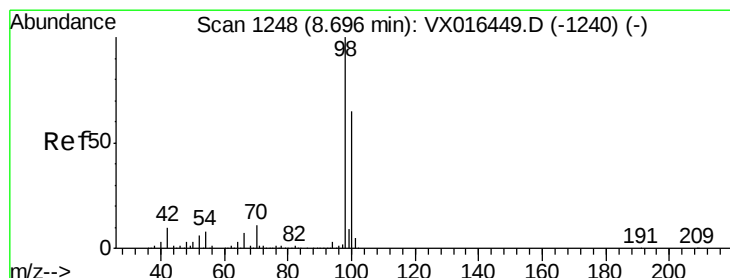
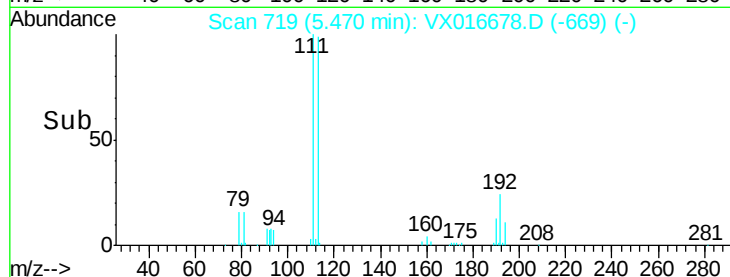
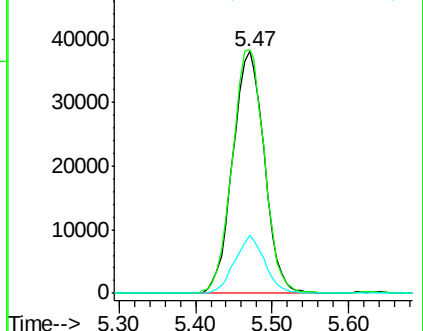
192 22.7 17.7 26.5



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: 51.966 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016678.D

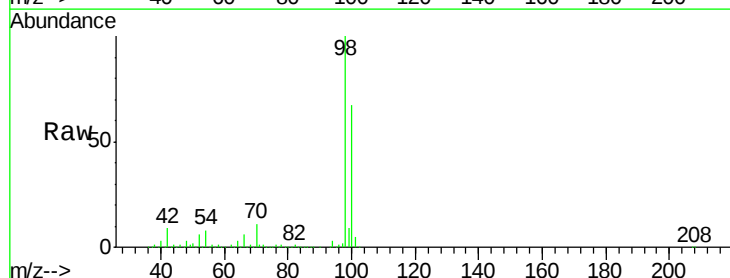
Acq: 10 Jun 2020 16:32

Tgt Ion: 98 Resp: 442200

Ion Ratio Lower Upper

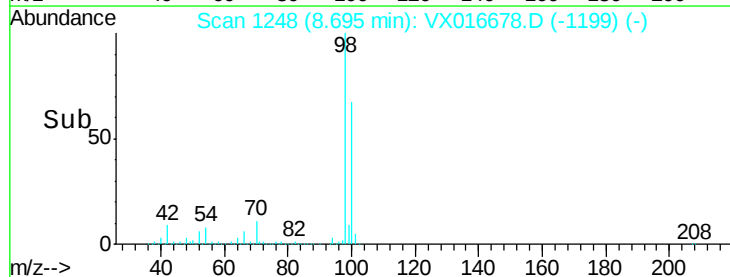
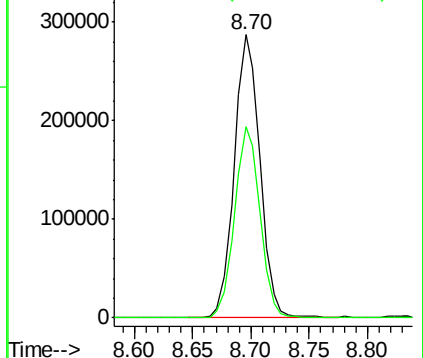
98 100

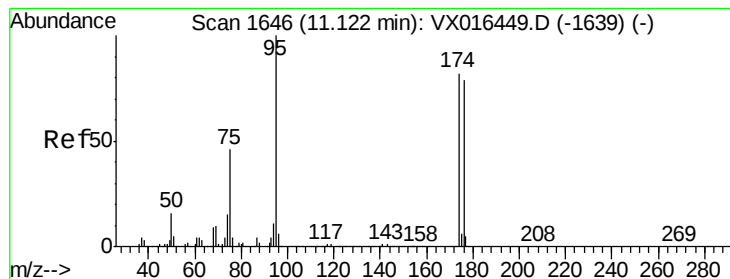
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.180 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

LF014MW130-200608

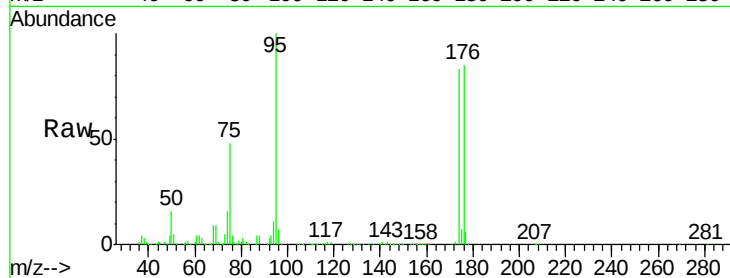
Tot Ion: 95 Resp: 178143

Ion Ratio Lower Upper

95 100

174 86.4 0.0 163.0

176 84.6 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016678.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016678.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016678.D (-1597) (-)

11.12

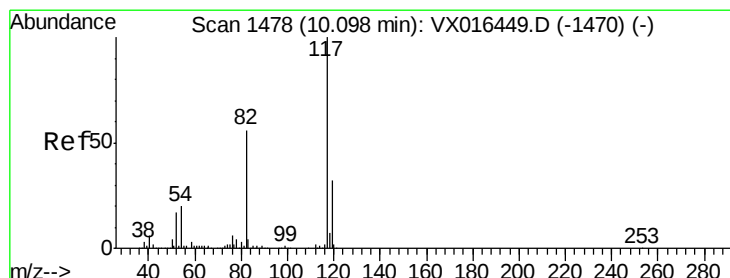
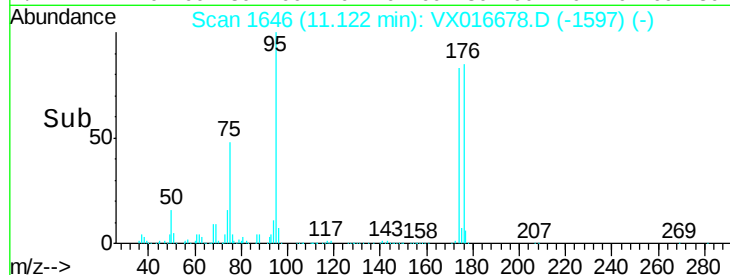
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

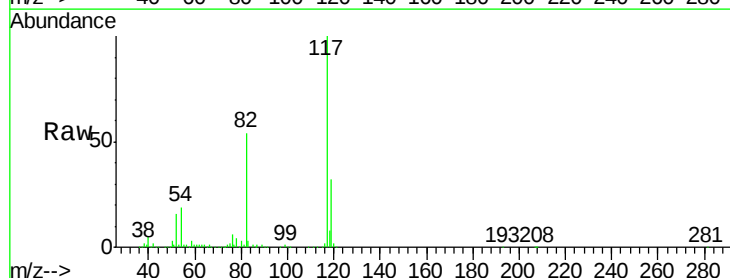
Tgt Ion: 117 Resp: 364847

Ion Ratio Lower Upper

117 100

82 54.3 45.0 67.6

119 32.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX016678.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016678.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016678.D (-1429) (-)

10.10

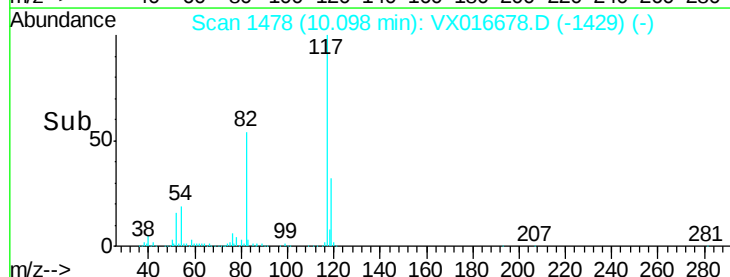
300000

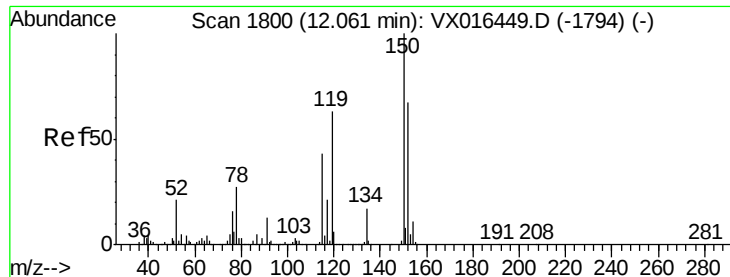
200000

100000

0

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: VX016678.D

Acq: 10 Jun 2020 16:32

Instrument :

MSVOA_X

ClientSampleId :

LF014MW130-200608

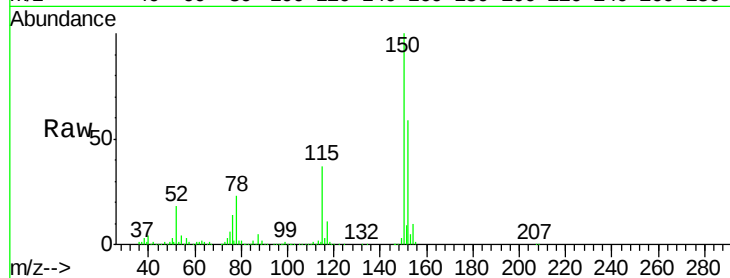
Tot Ion:152 Resp: 187292

Ion Ratio Lower Upper

152 100

115 57.5 39.9 119.6

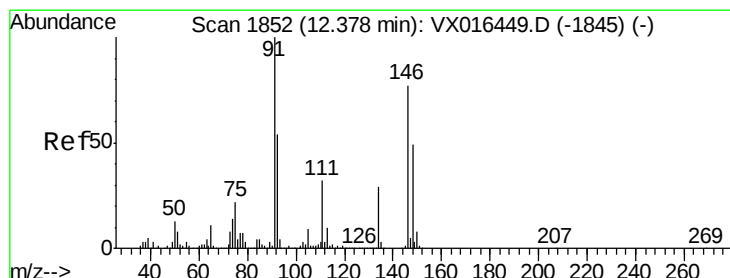
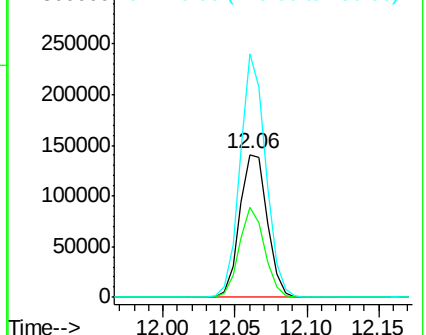
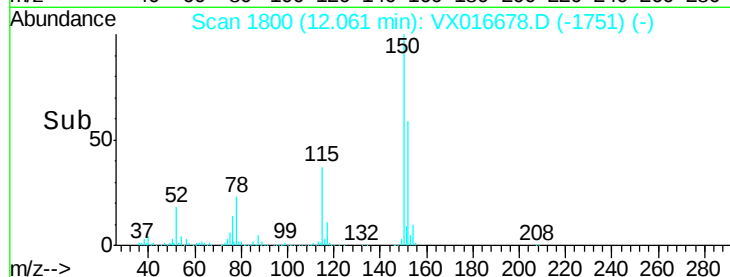
150 157.4 0.0 341.0



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



#91

1,2-Dichlorobenzene

Concen: 0.454 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016678.D

Acq: 10 Jun 2020 16:32

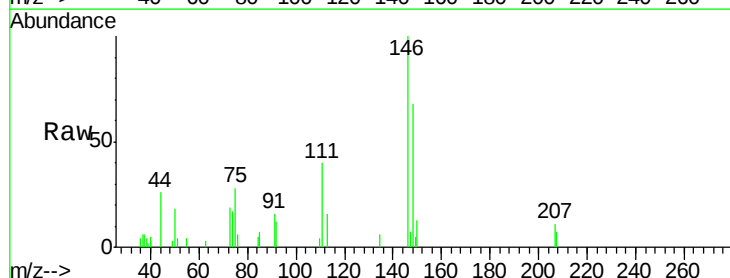
Tgt Ion:146 Resp: 2596

Ion Ratio Lower Upper

146 100

111 38.6 21.4 64.3

148 67.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

