

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016823.D
 Acq On : 17 Jun 2020 17:43
 Operator : JC/SP
 Sample : L3042-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-200616

Quant Time: Jun 18 01:35:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

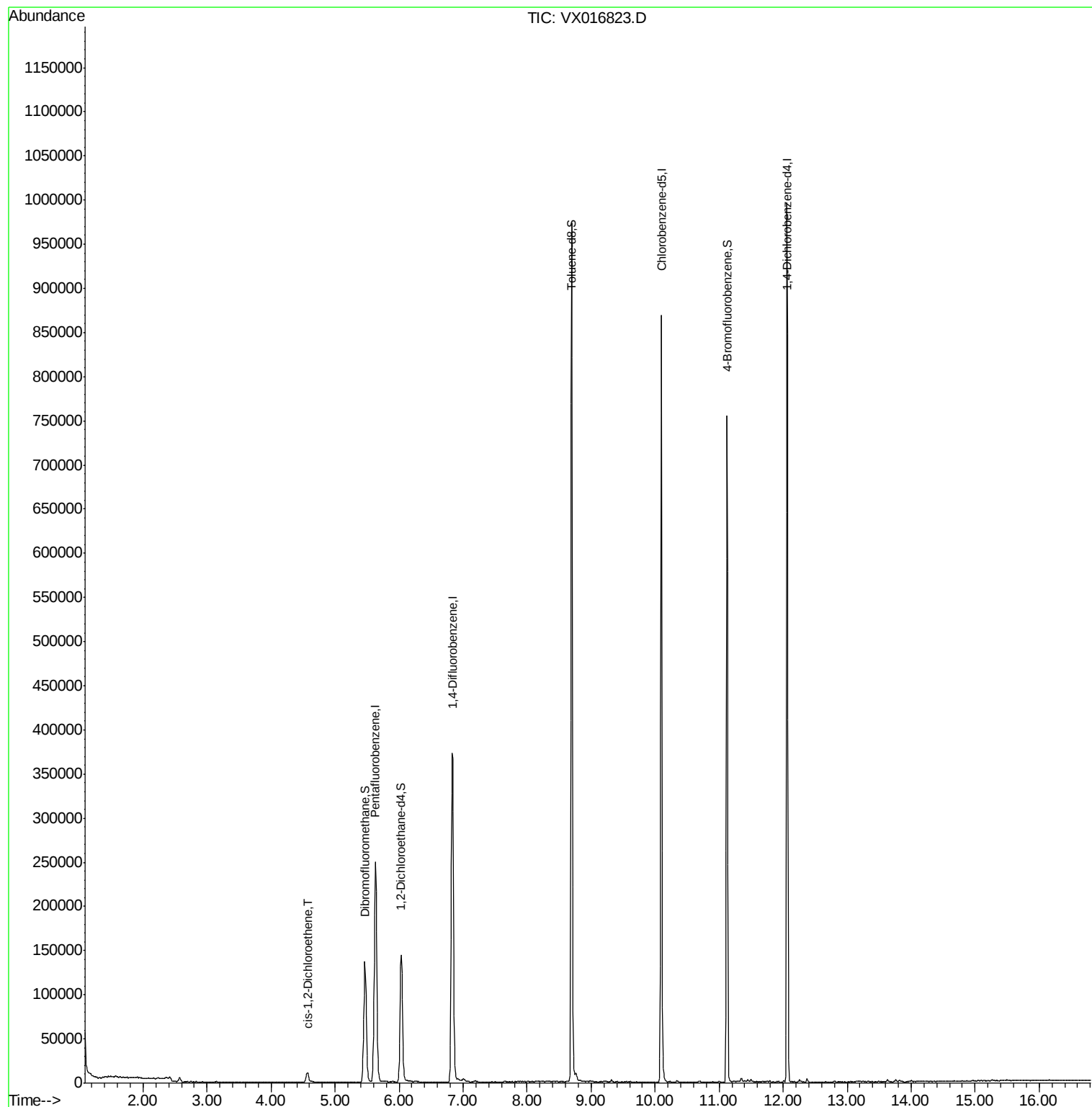
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	254549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	403724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	142121	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
35) Dibromofluoromethane	5.46	113	119940	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	8.70	98	563136	61.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.62%	
62) 4-Bromofluorobenzene	11.12	95	201868	57.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.92%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	7386	2.417	ug/l	Qvalue 88

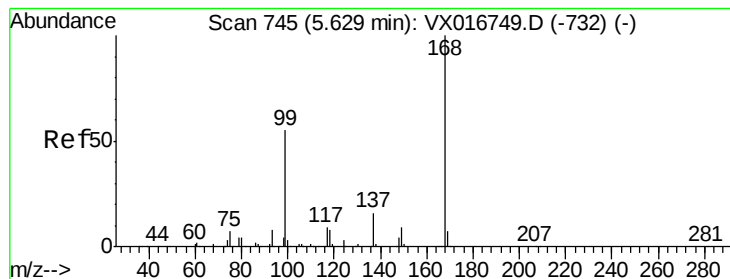
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016823.D

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Instrument :

MSVOA_X

ClientSampleId :

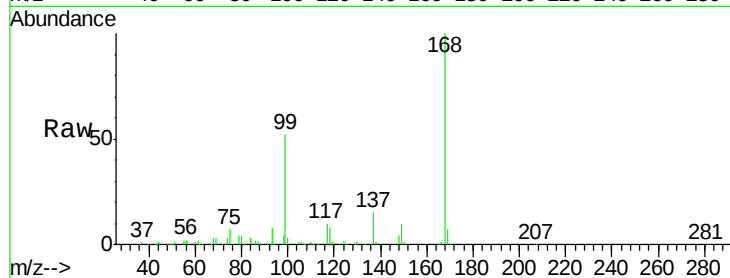
OUTFALL001-200616

Tot Ion:168 Resp: 254549

Ion Ratio Lower Upper

168 100

99 52.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

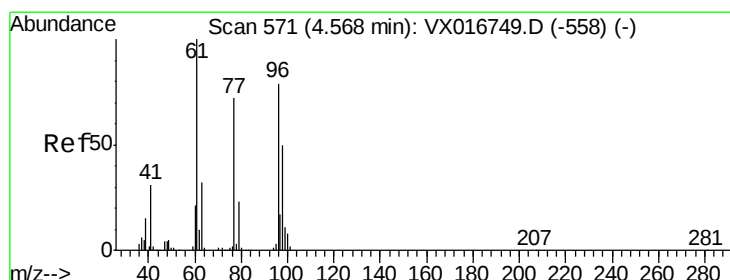
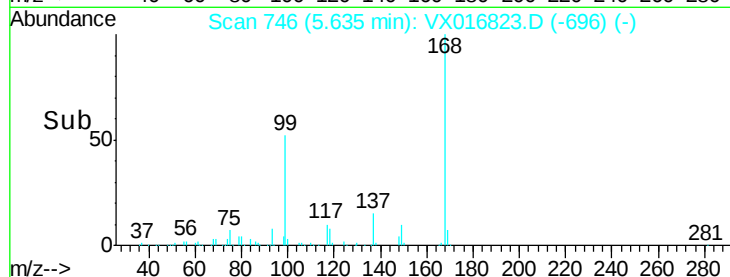
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.417 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016823.D

Acq: 17 Jun 2020 17:43

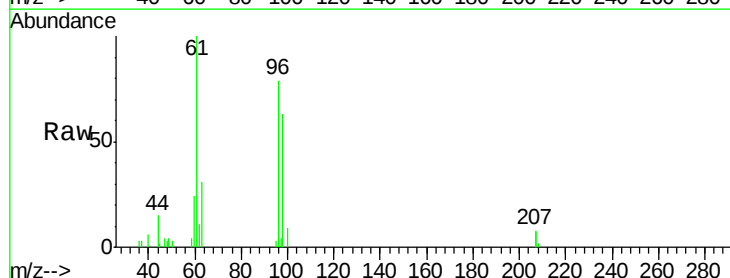
Tgt Ion: 96 Resp: 7386

Ion Ratio Lower Upper

96 100

61 116.2 0.0 276.2

98 65.4 0.0 130.0



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

4000

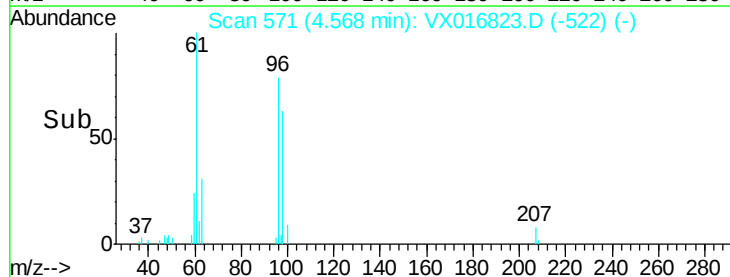
3000

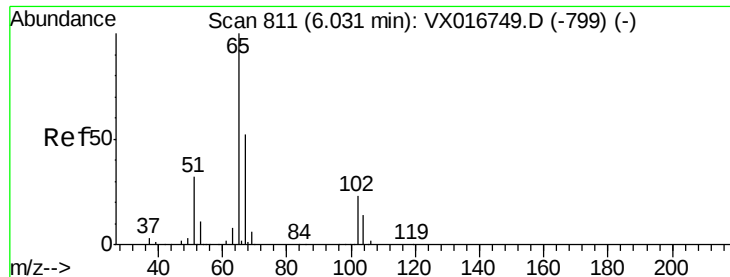
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.640 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016823.D

Acq: 17 Jun 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

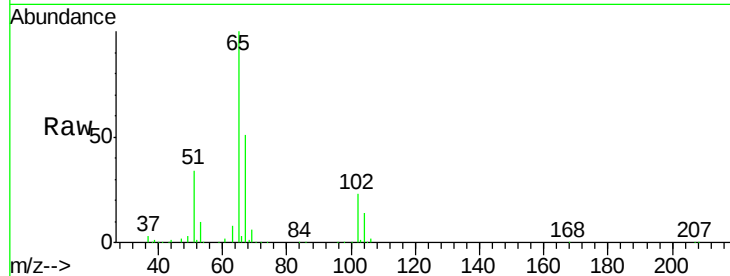
OUTFALL001-200616

Tot Ion: 65 Resp: 142121

Ion Ratio Lower Upper

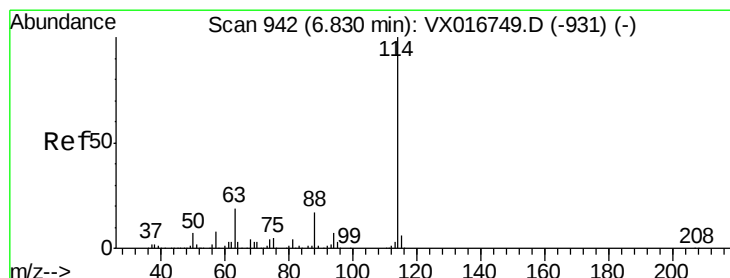
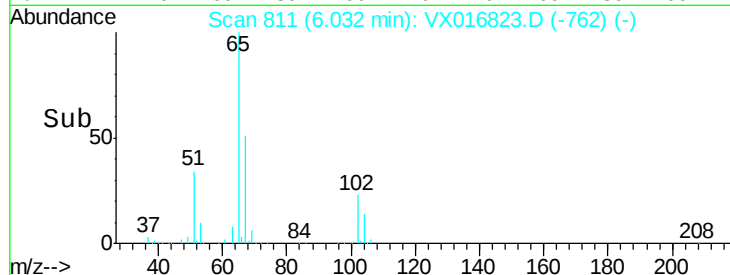
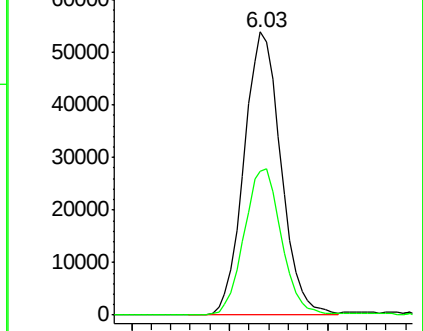
65 100

67 52.3 0.0 103.0



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: VX016823.D

Acq: 17 Jun 2020 17:43

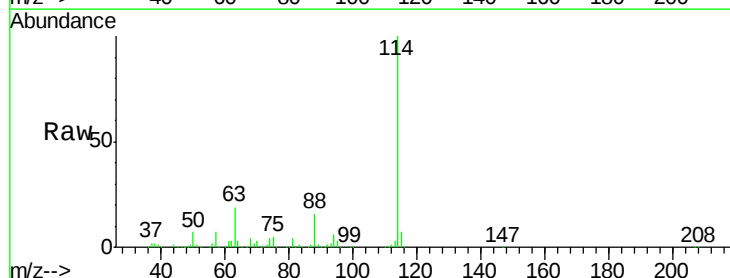
Tgt Ion: 114 Resp: 403724

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.8

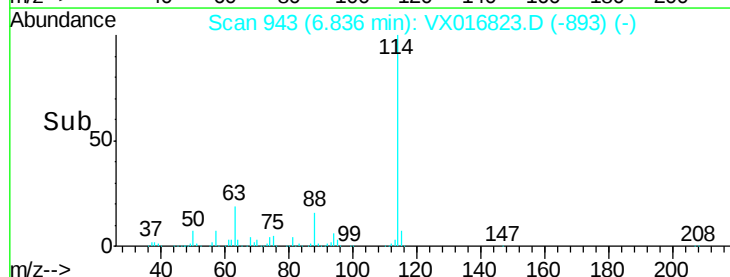
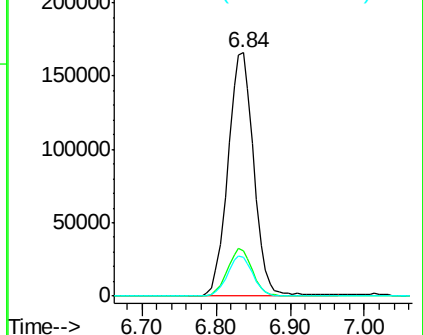
88 15.8 0.0 33.4

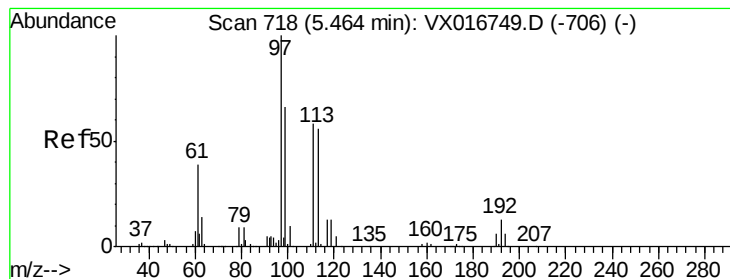


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.151 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016823.D

Acq: 17 Jun 2020 17:43

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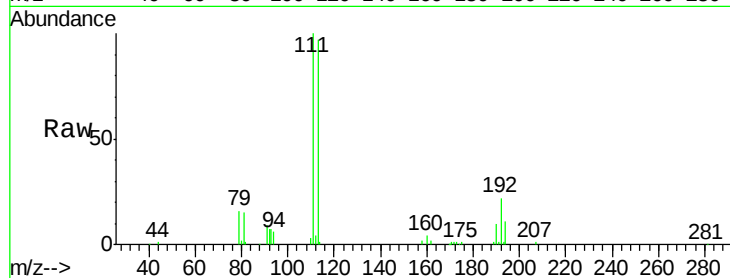
Tot Ion:113 Resp: 119940

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

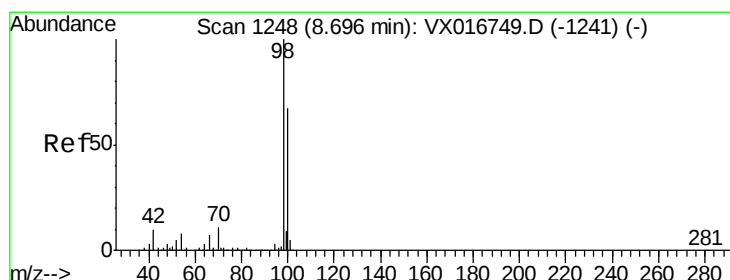
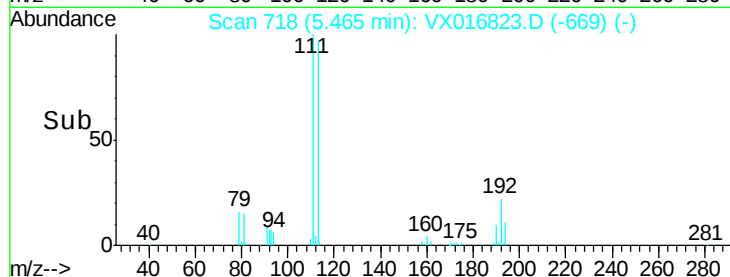
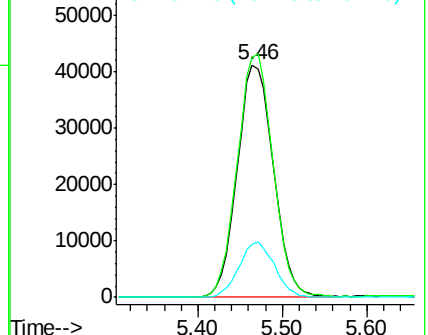
192 23.4 18.2 27.4



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: 61.313 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016823.D

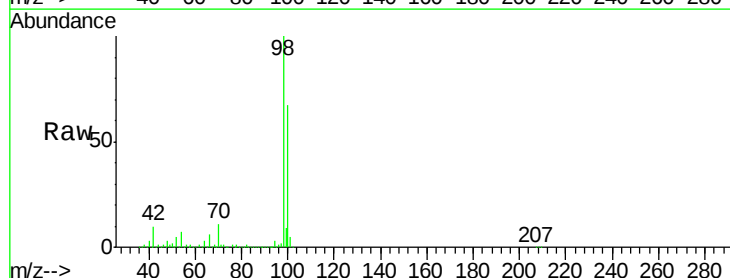
Acq: 17 Jun 2020 17:43

Tgt Ion: 98 Resp: 563136

Ion Ratio Lower Upper

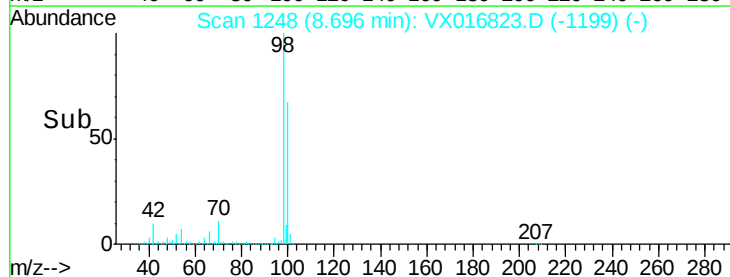
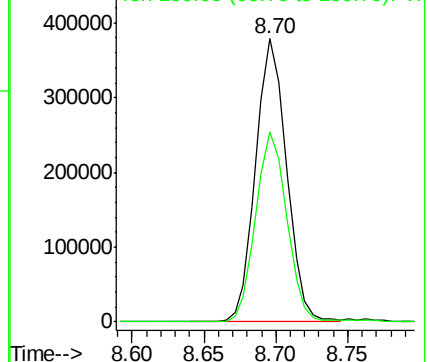
98 100

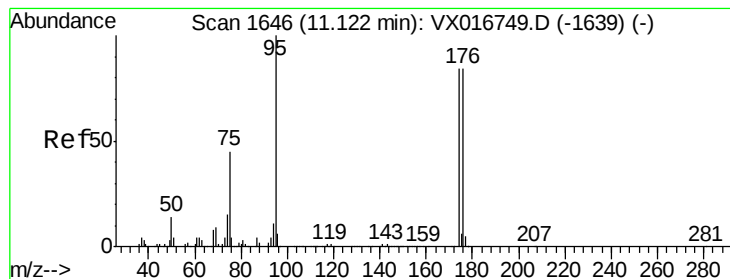
100 67.3 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 57.461 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016823.D

Acq: 17 Jun 2020 17:43

Instrument :

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ClientSampleId :

OUTFALL001-200616

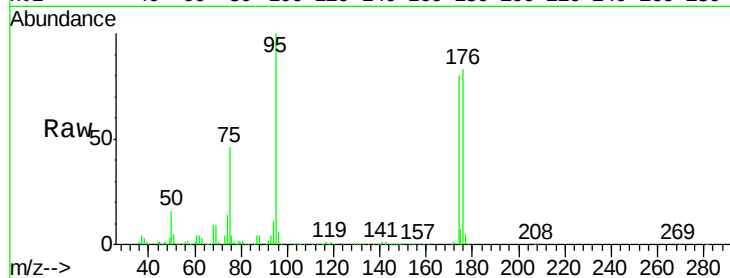
Tot Ion: 95 Resp: 201868

Ion Ratio Lower Upper

95 100

174 86.1 0.0 171.0

176 84.2 0.0 166.2

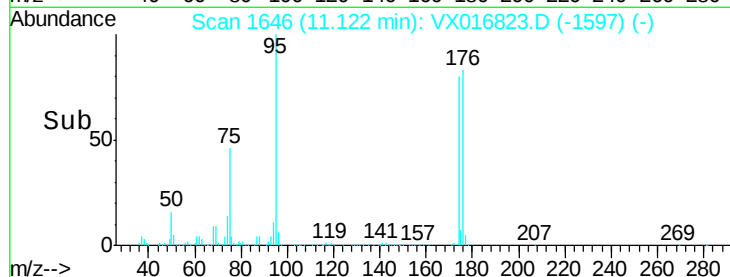


Abundance Ion 94.90 (94.60 to 95.60): VX016749.D (-1639) (-)

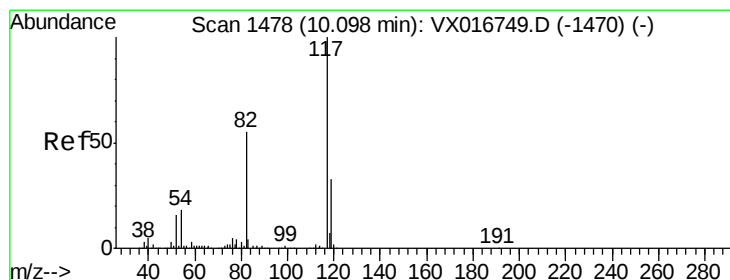
Ion 173.80 (173.50 to 174.50): VX016749.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016749.D (-1639) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016823.D

Acq: 17 Jun 2020 17:43

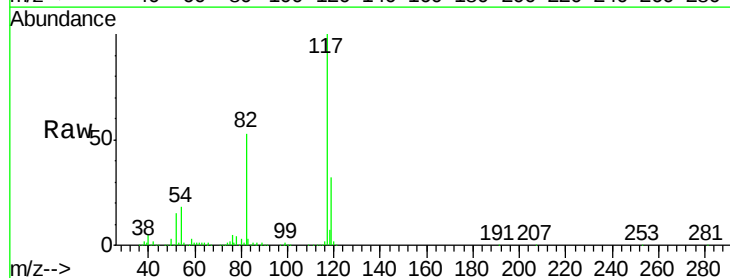
Tgt Ion: 117 Resp: 411037

Ion Ratio Lower Upper

117 100

82 53.5 43.8 65.6

119 32.0 26.2 39.4

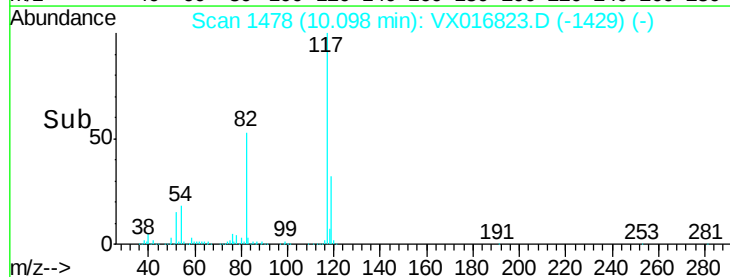


Abundance Ion 116.90 (116.60 to 117.60): VX016749.D (-1470) (-)

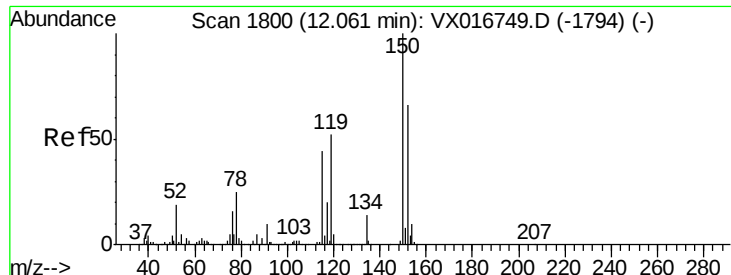
Ion 82.00 (81.70 to 82.70): VX016749.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016749.D (-1470) (-)

Time-->



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: VX016823.D

Acq: 17 Jun 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-200616

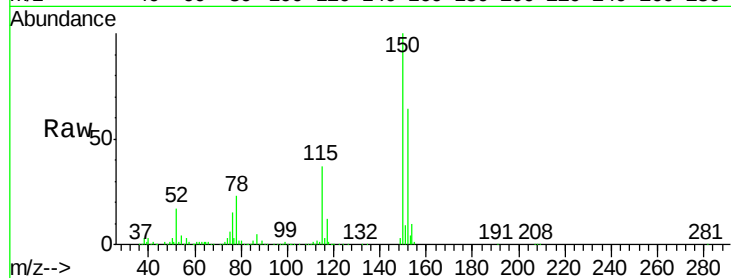
Tot Ion:152 Resp: 209871

Ion Ratio Lower Upper

152 100

115 57.9 40.3 120.8

150 159.4 0.0 337.4



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

