

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016760.D
 Acq On : 15 Jun 2020 17:40
 Operator : JC/SP
 Sample : L3004-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1-TB9-200611

Quant Time: Jun 16 03:45:20 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	5.63	168	243340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	374340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	137145	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	5.46	113	113587	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	8.70	98	466845	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	11.12	95	191113	58.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.34%	

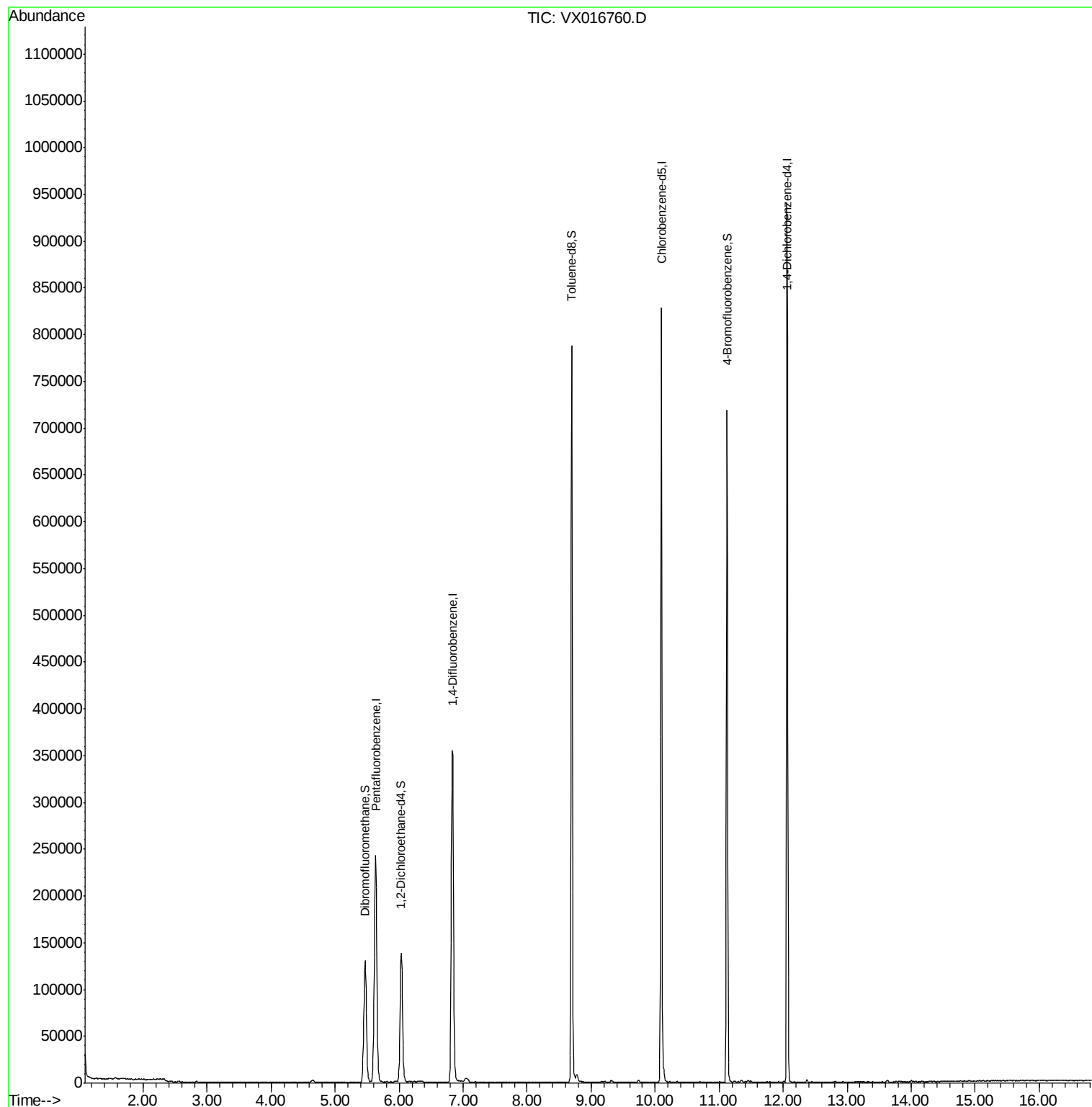
Target Compounds	Qvalue
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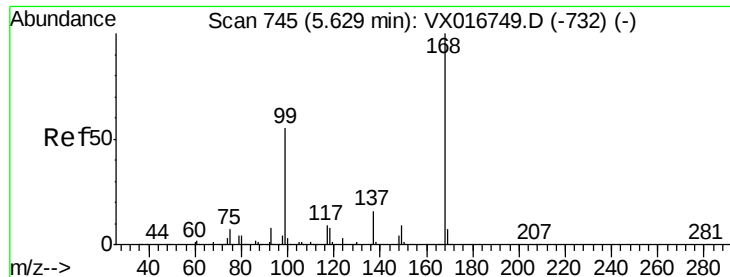
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016760.D

Acq: 15 Jun 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

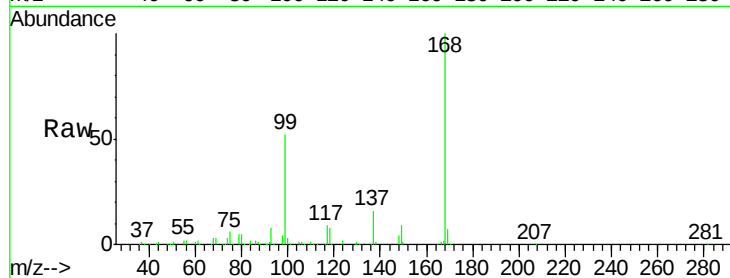
Z1-TB9-200611

Tot Ion:168 Resp: 243340

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

5.63

80000

60000

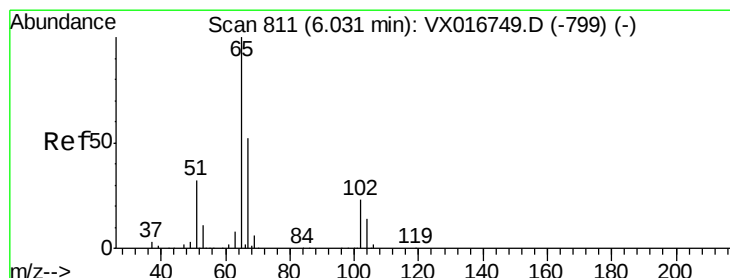
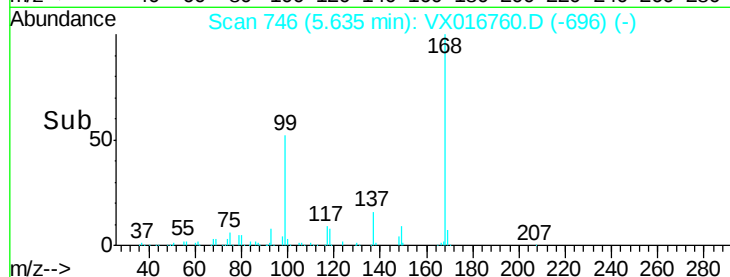
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.108 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016760.D

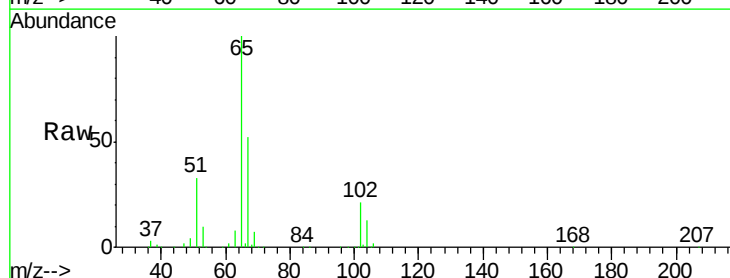
Acq: 15 Jun 2020 17:40

Tgt Ion: 65 Resp: 137145

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

30000

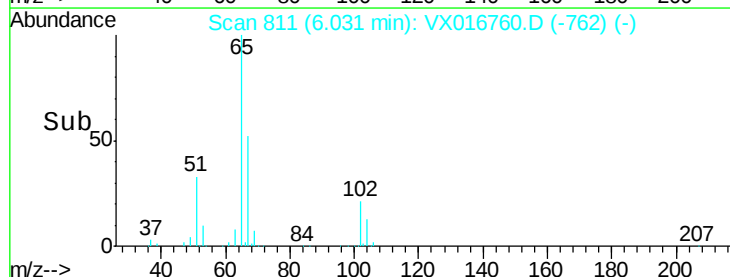
20000

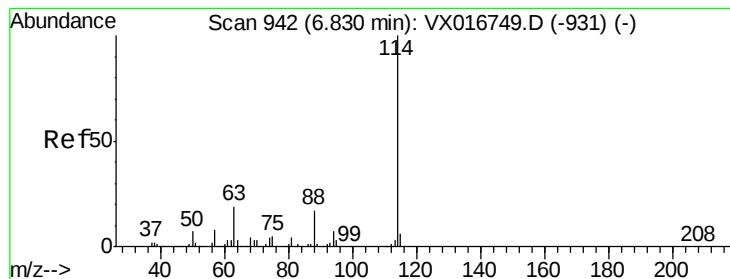
10000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016760.D

Acq: 15 Jun 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

Z1-TB9-200611

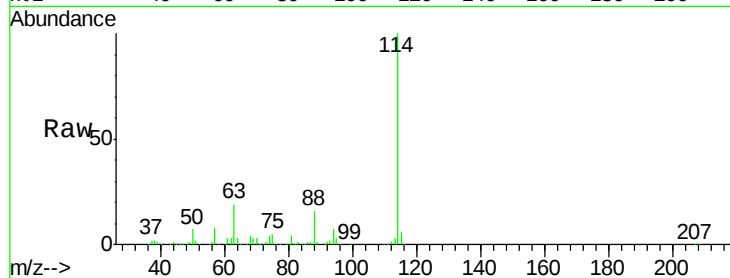
Tot Ion:114 Resp: 374340

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

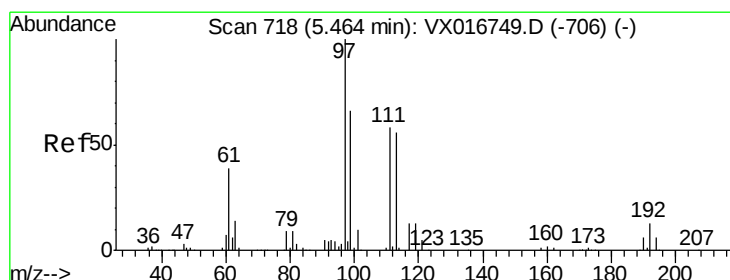
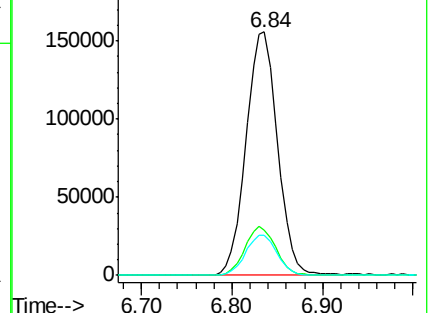
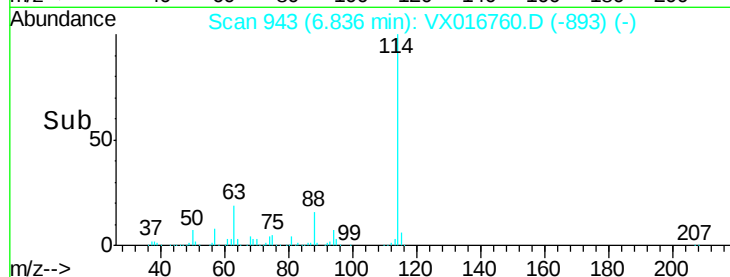
88 16.3 0.0 33.4



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: 49.180 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016760.D

Acq: 15 Jun 2020 17:40

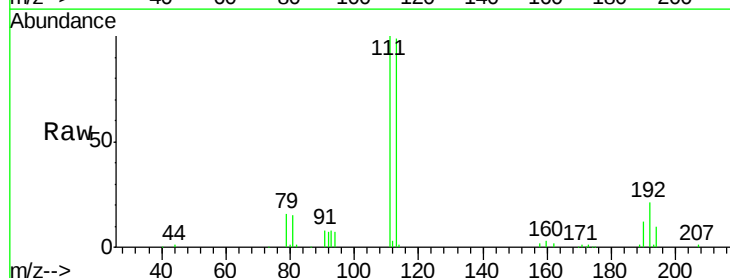
Tgt Ion:113 Resp: 113587

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.6

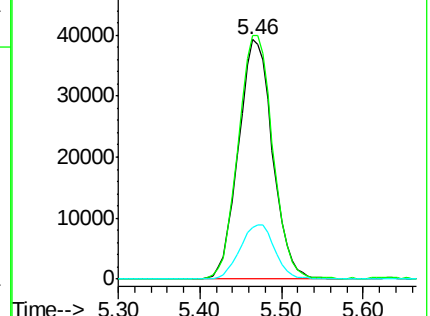
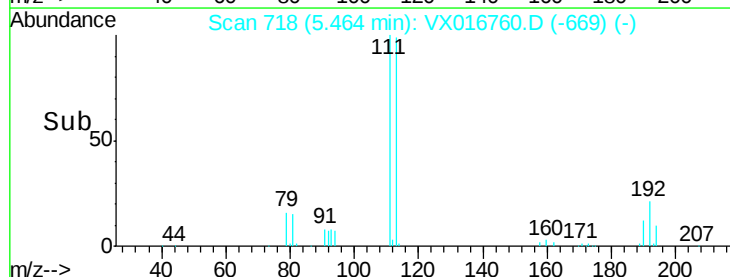
192 23.2 18.2 27.4

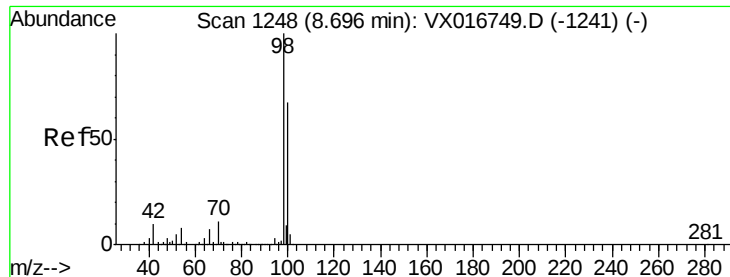


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.819 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016760.D

Acq: 15 Jun 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

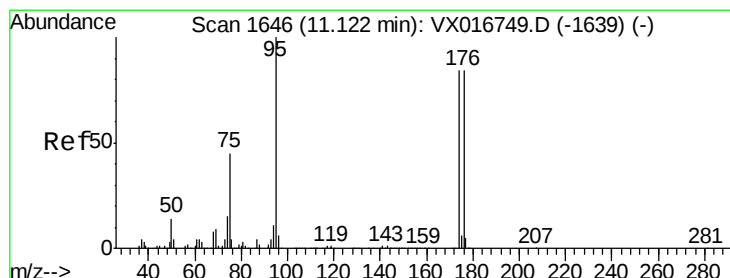
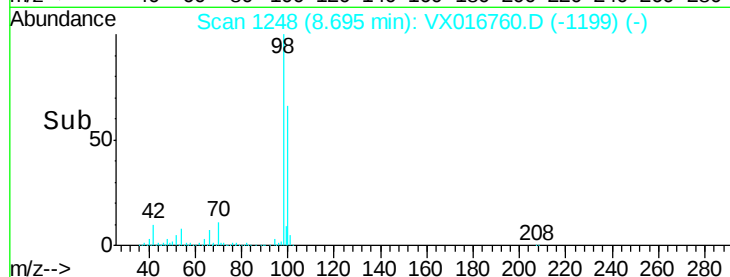
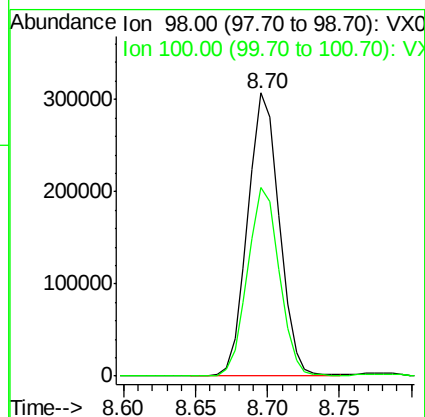
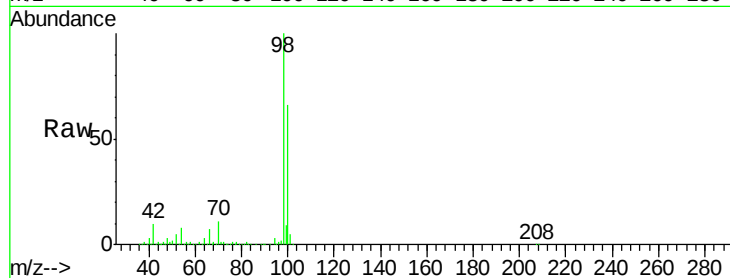
Z1-TB9-200611

Tot Ion: 98 Resp: 466845

Ion Ratio Lower Upper

98 100

100 66.8 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 58.670 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016760.D

Acq: 15 Jun 2020 17:40

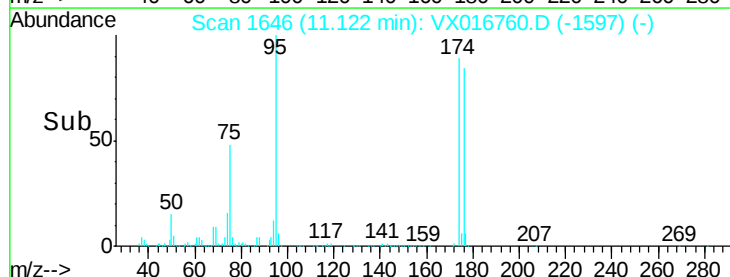
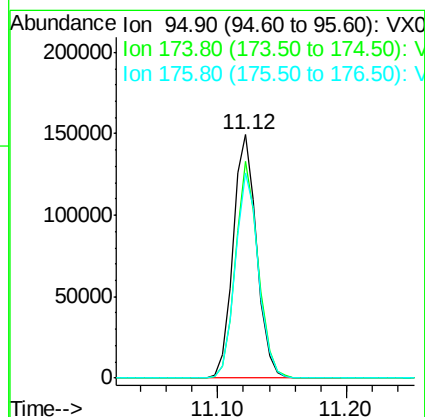
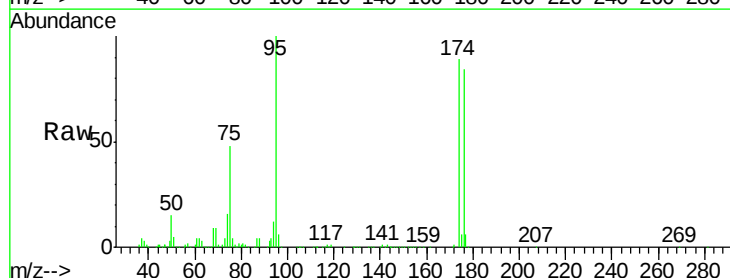
Tgt Ion: 95 Resp: 191113

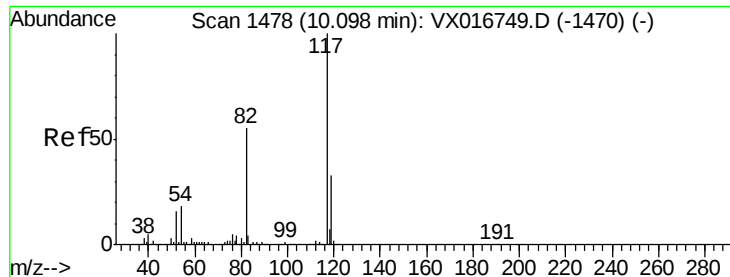
Ion Ratio Lower Upper

95 100

174 85.8 0.0 171.0

176 83.1 0.0 166.2

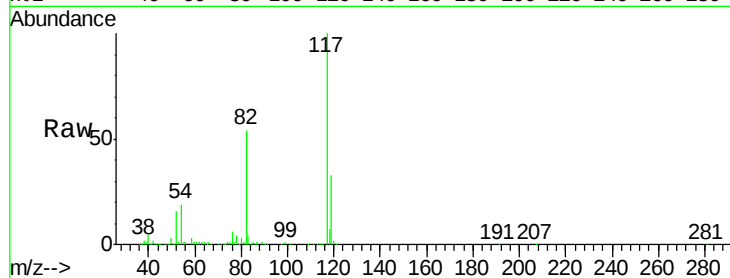




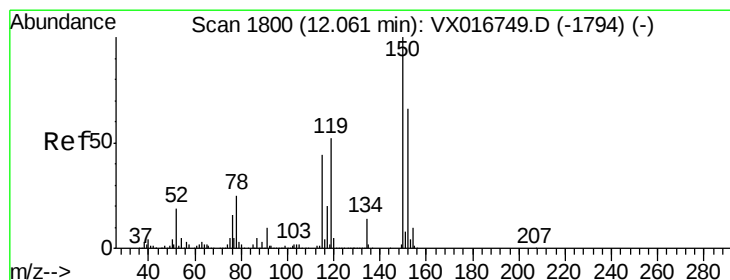
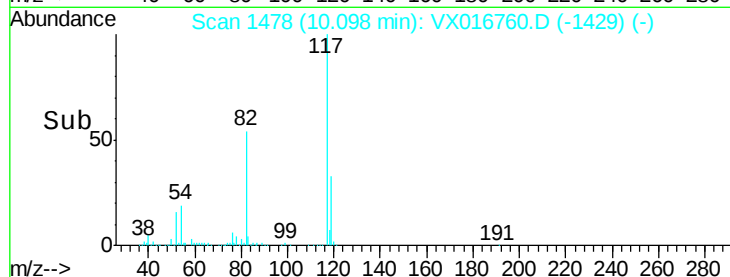
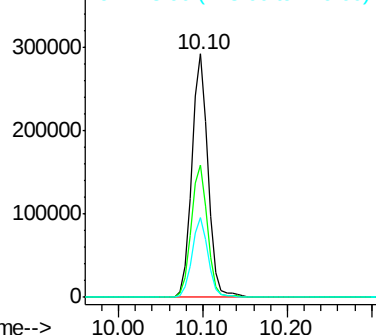
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016760.D
Acq: 15 Jun 2020 17:40

Instrument :
MSVOA_X
ClientSampleId :
Z1-TB9-200611

Tot Ion:117 Resp: 389184
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.6
119 32.5 26.2 39.4

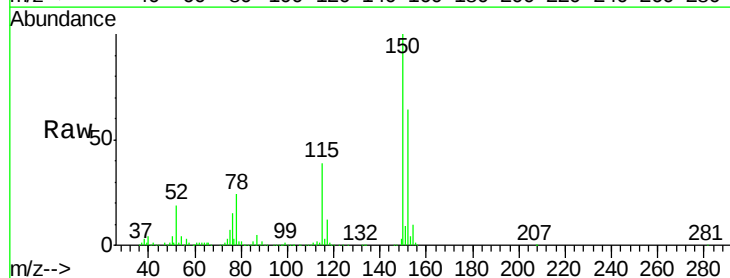


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016760.D
Acq: 15 Jun 2020 17:40

Tgt Ion:152 Resp: 201106
Ion Ratio Lower Upper
152 100
115 58.4 40.3 120.8
150 155.1 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

