

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016722.D
 Acq On : 12 Jun 2020 12:54
 Operator : JC/SP
 Sample : L3001-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200611

Quant Time: Jun 15 07:07:01 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	226884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	358915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	356964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178424	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	133077	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.46	113	111648	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.70	98	437432	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.12	95	172133	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

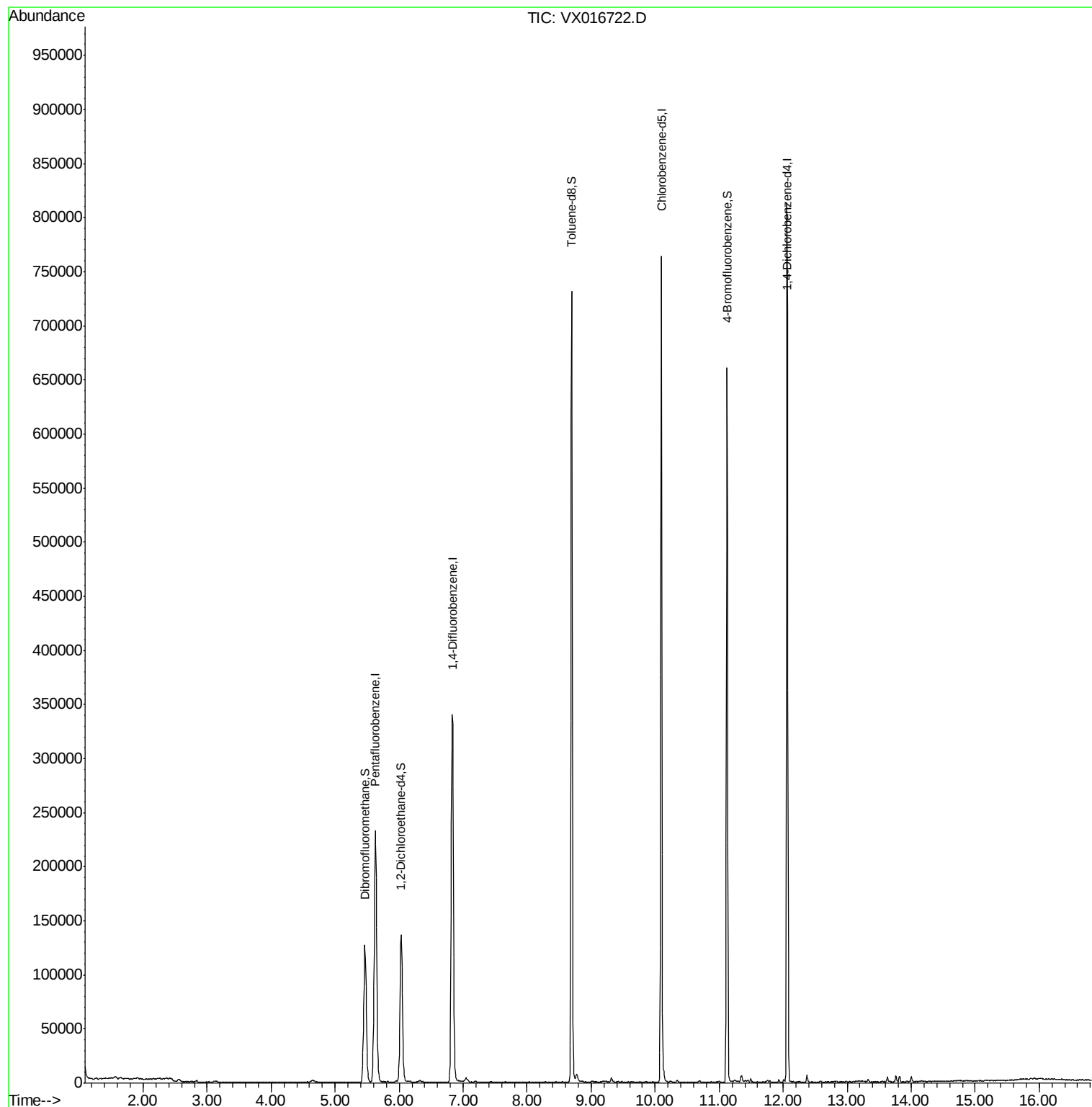
Target Compounds	Qvalue

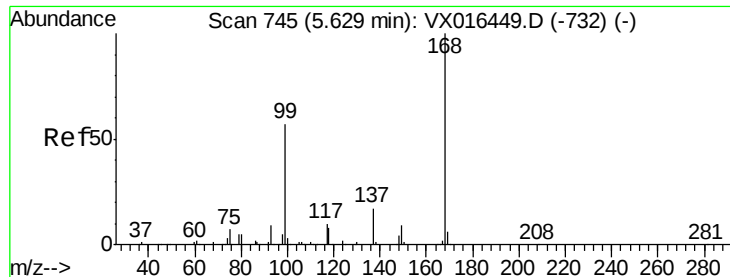
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016722.D

Acq: 12 Jun 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

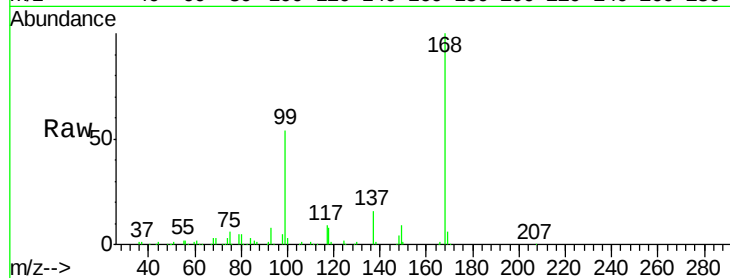
TB-01-200611

Tgt Ion:168 Resp: 226884

Ion Ratio Lower Upper

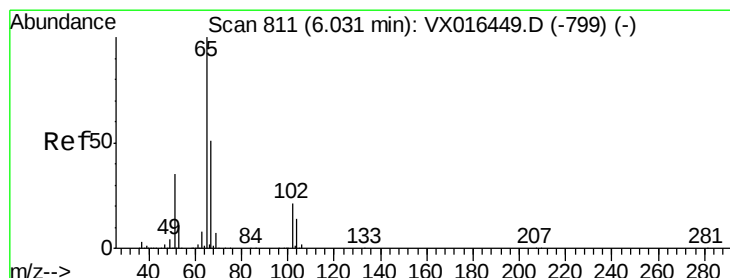
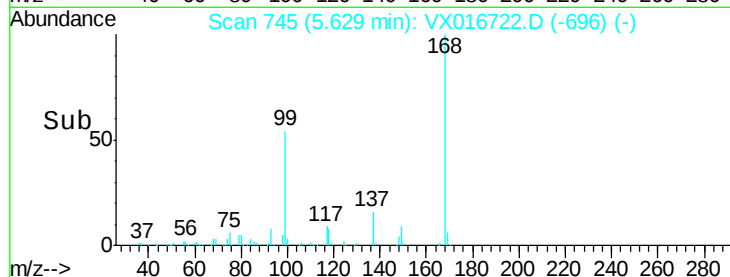
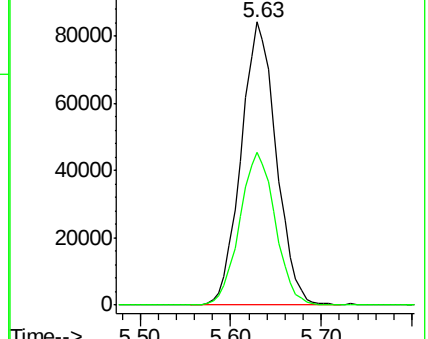
168 100

99 54.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.231 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016722.D

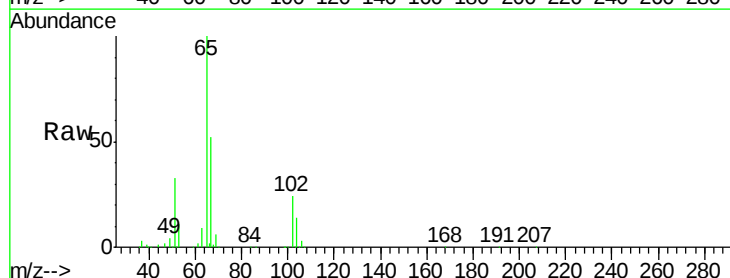
Acq: 12 Jun 2020 12:54

Tgt Ion: 65 Resp: 133077

Ion Ratio Lower Upper

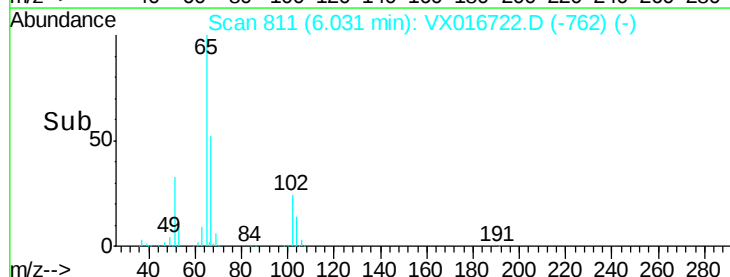
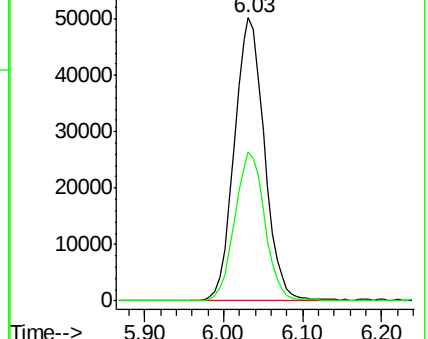
65 100

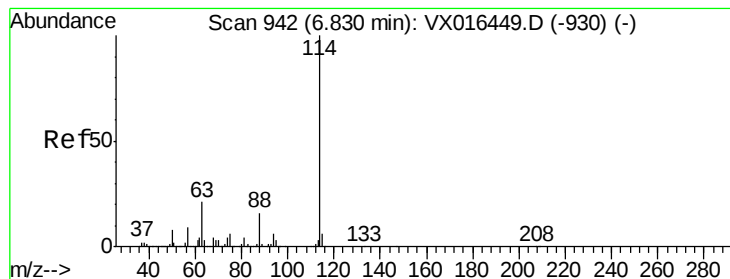
67 52.6 0.0 104.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016722.D

Acq: 12 Jun 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200611

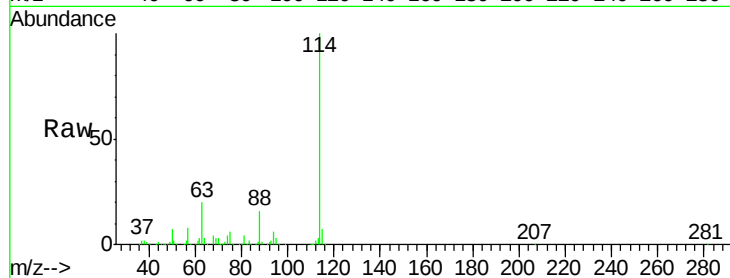
Tgt Ion:114 Resp: 358915

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 16.2 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

200000

150000

100000

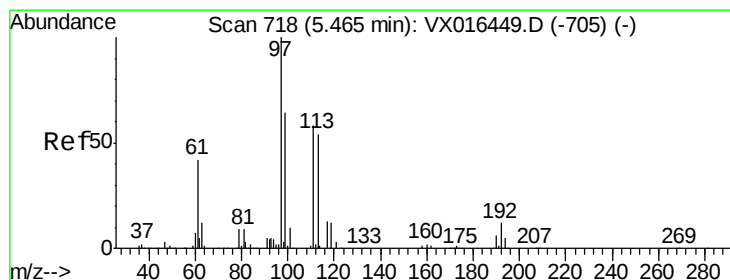
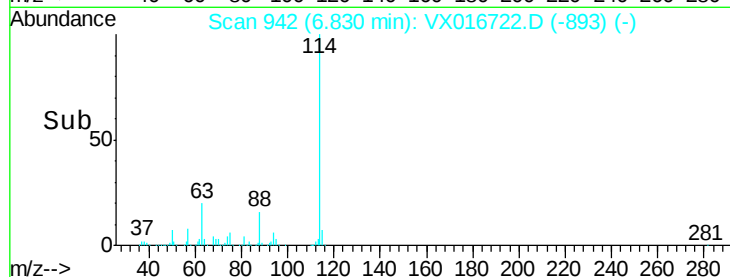
50000

0

6.83

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 50.519 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016722.D

Acq: 12 Jun 2020 12:54

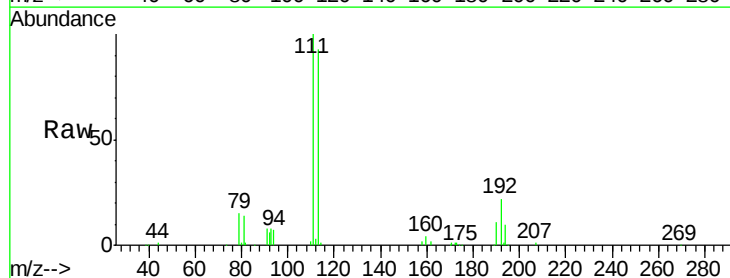
Tgt Ion:113 Resp: 111648

Ion Ratio Lower Upper

113 100

111 102.9 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

50000

40000

30000

20000

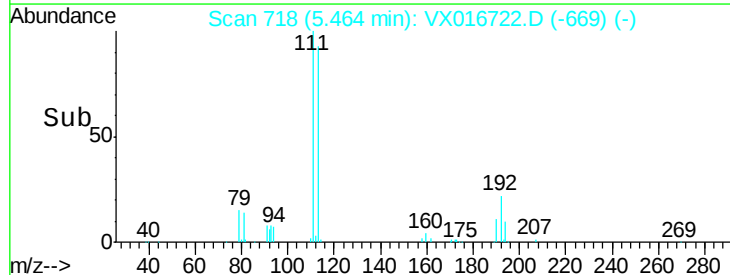
10000

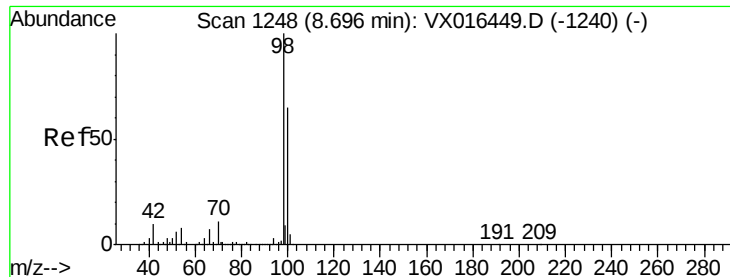
0

5.46

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 50.854 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016722.D

Acq: 12 Jun 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

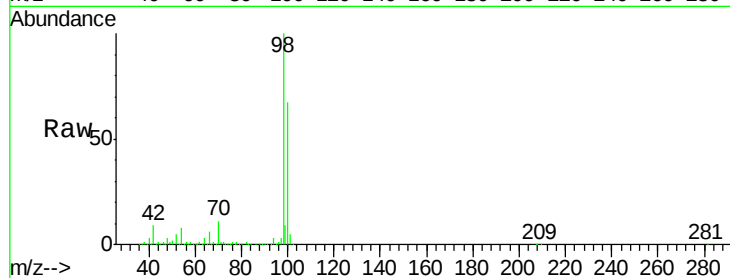
TB-01-200611

Tgt Ion: 98 Resp: 437432

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

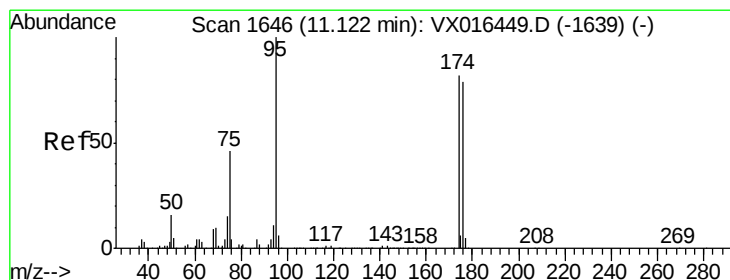
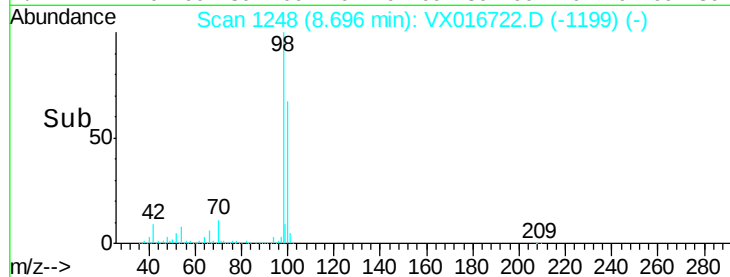
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.789 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016722.D

Acq: 12 Jun 2020 12:54

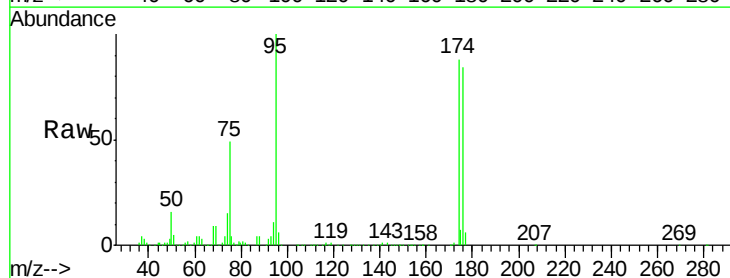
Tgt Ion: 95 Resp: 172133

Ion Ratio Lower Upper

95 100

174 88.1 0.0 163.0

176 82.6 0.0 156.8



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

11.12

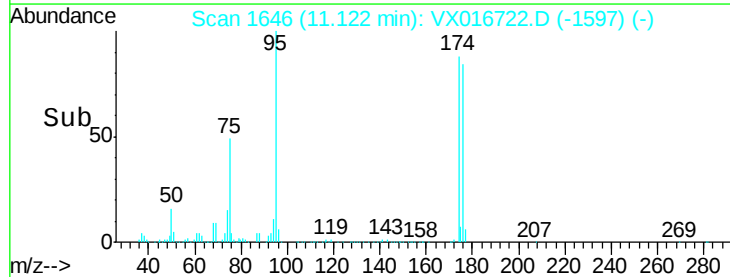
150000

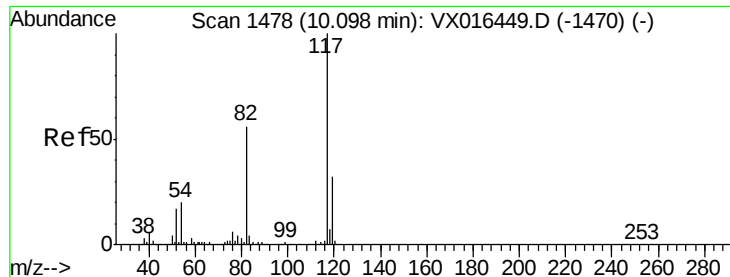
100000

50000

0

Time-->

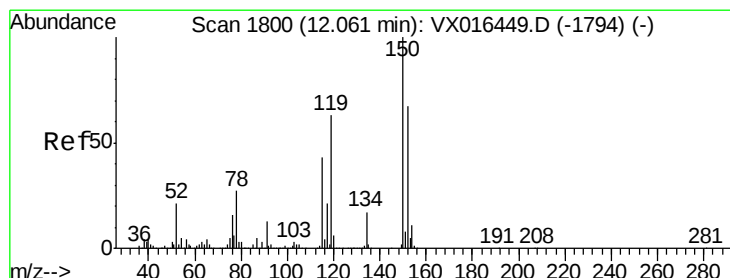
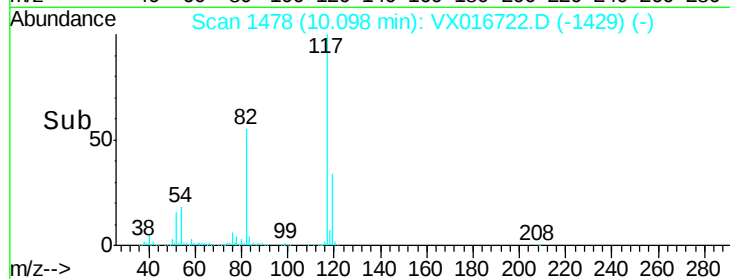
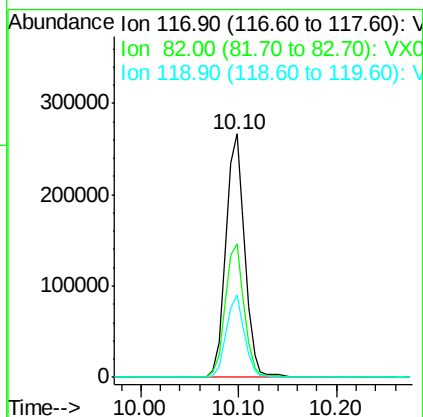
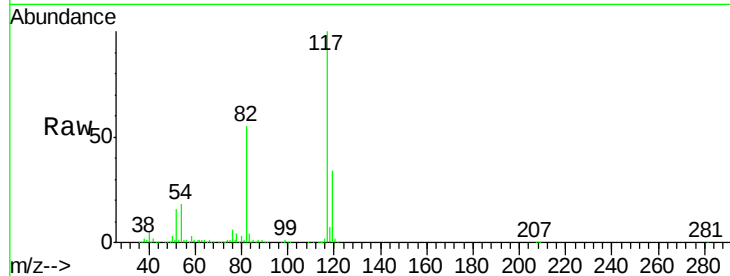




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016722.D
Acq: 12 Jun 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200611

Tgt Ion:117 Resp: 356964
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.6
119 33.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016722.D
Acq: 12 Jun 2020 12:54

Tgt Ion:152 Resp: 178424
Ion Ratio Lower Upper
152 100
115 58.3 39.9 119.6
150 156.4 0.0 341.0

