

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017042.D
 Acq On : 30 Jun 2020 14:08
 Operator : JC/SP
 Sample : L3147-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20200626

Quant Time: Jul 01 08:35:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	237823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	404741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216286	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	154445	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	5.47	113	132680	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	8.70	98	498270	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.12	95	201969	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	

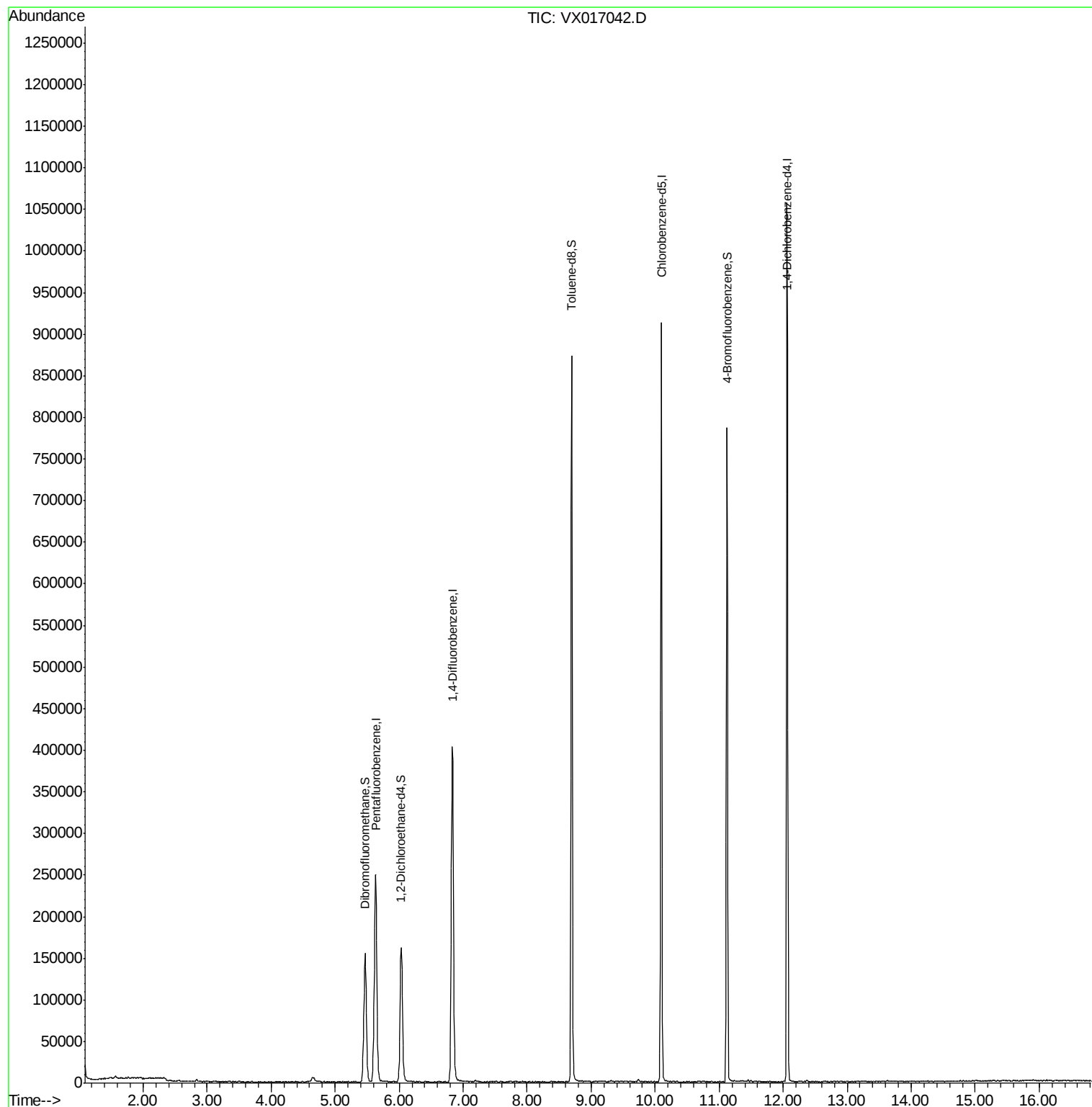
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017042.D

Acq: 30 Jun 2020 14:08

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MSVOA_X

ClientSampleId :

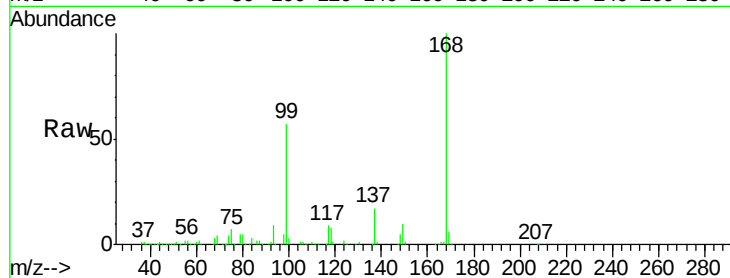
TB05-20200626

Tot Ion:168 Resp: 237823

Ion Ratio Lower Upper

168 100

99 56.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

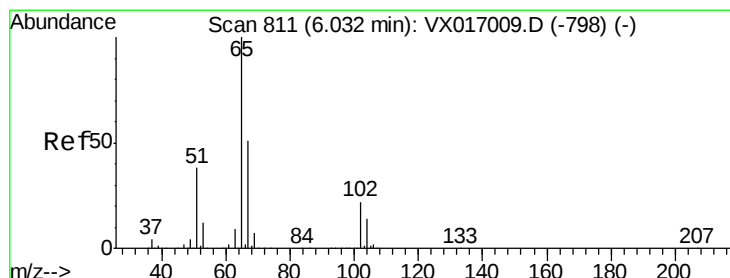
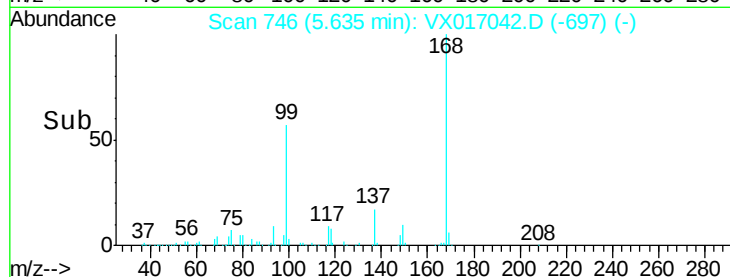
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.678 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017042.D

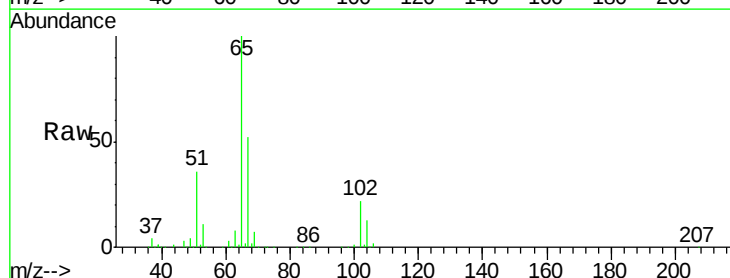
Acq: 30 Jun 2020 14:08

Tgt Ion: 65 Resp: 154445

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

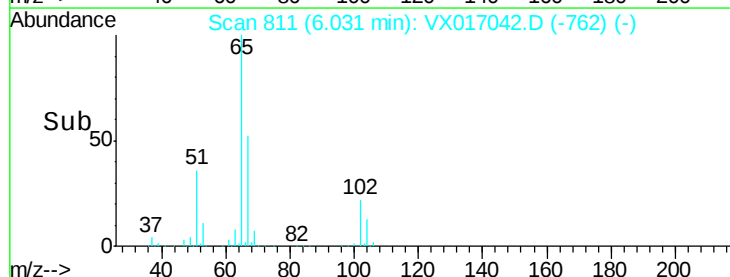
40000

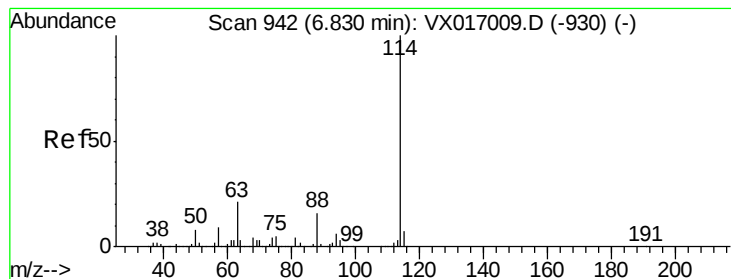
20000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017042.D

Acq: 30 Jun 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

TB05-20200626

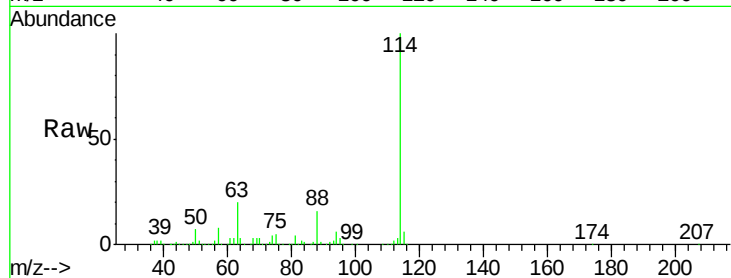
Tot Ion:114 Resp: 404741

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

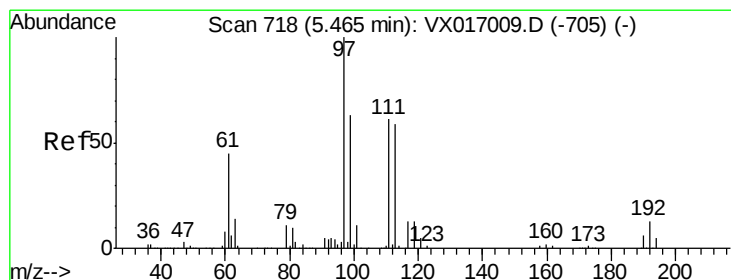
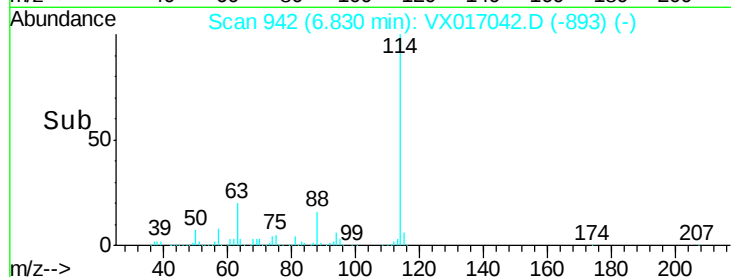
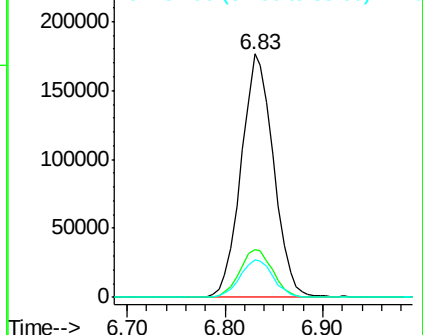
88 15.6 0.0 32.4



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: 51.823 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017042.D

Acq: 30 Jun 2020 14:08

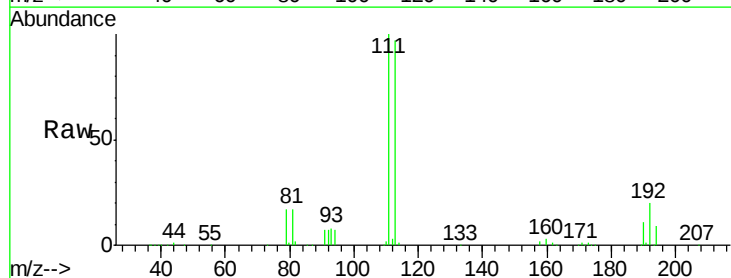
Tgt Ion:113 Resp: 132680

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

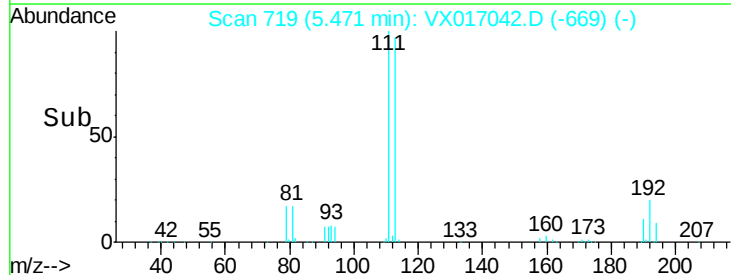
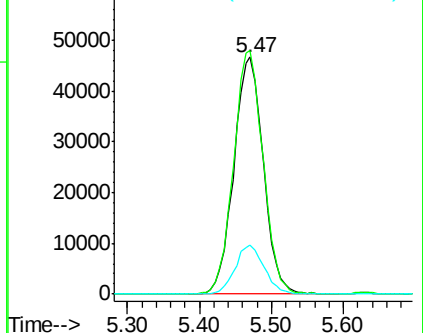
192 20.3 16.7 25.1

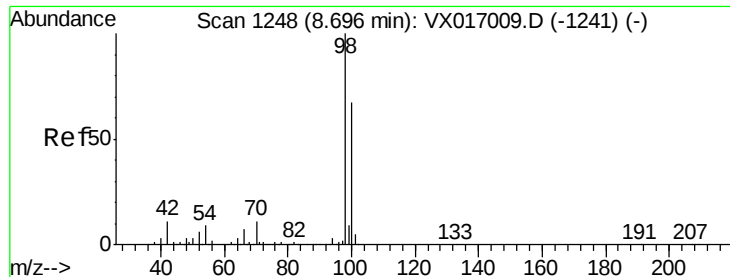


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.630 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017042.D

Acq: 30 Jun 2020 14:08

Instrument :

MSVOA_X

ClientSampleId :

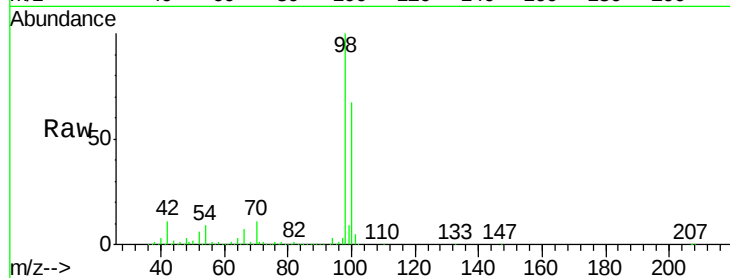
TB05-20200626

Tot Ion: 98 Resp: 498270

Ion Ratio Lower Upper

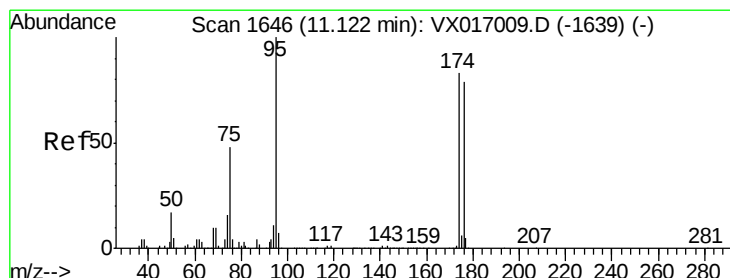
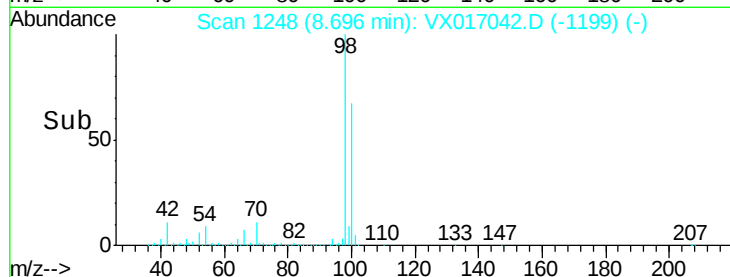
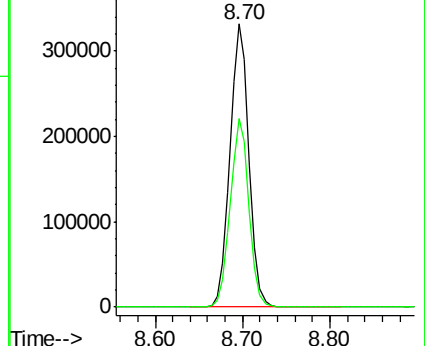
98 100

100 65.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 54.573 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017042.D

Acq: 30 Jun 2020 14:08

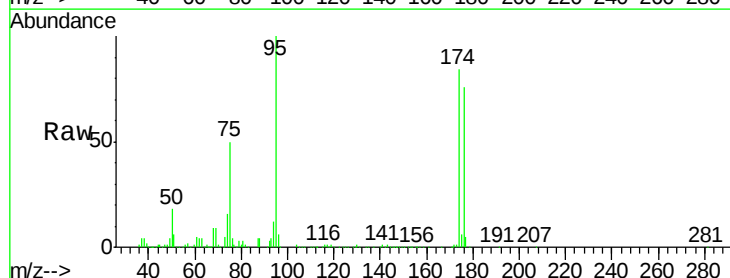
Tgt Ion: 95 Resp: 201969

Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

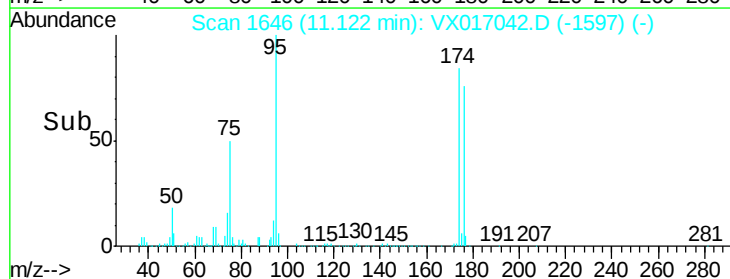
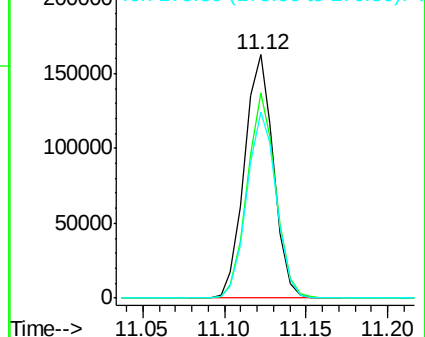
176 77.4 0.0 157.6

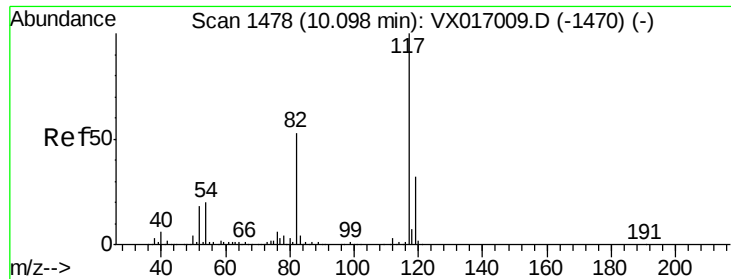


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

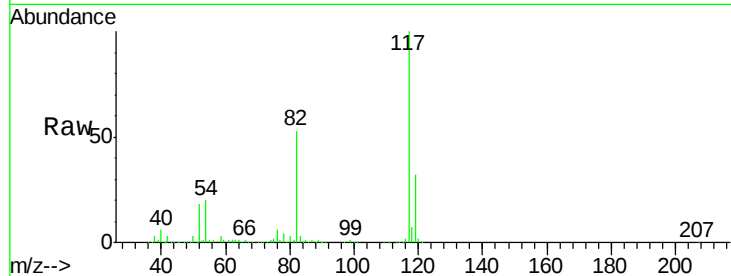




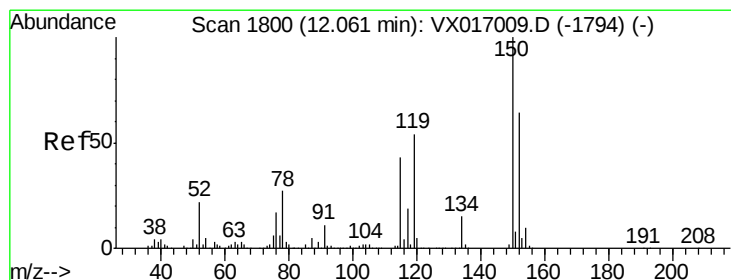
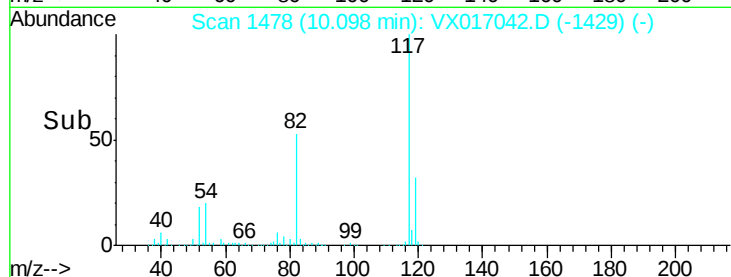
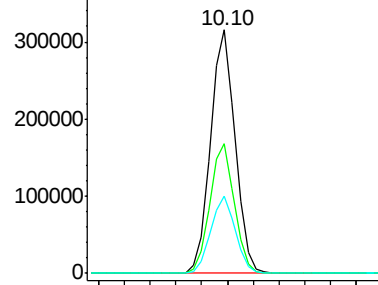
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017042.D
Acq: 30 Jun 2020 14:08

Instrument :
MSVOA_X
ClientSampleId :
TB05-20200626

Tot Ion:117 Resp: 416760
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 31.5 25.4 38.2

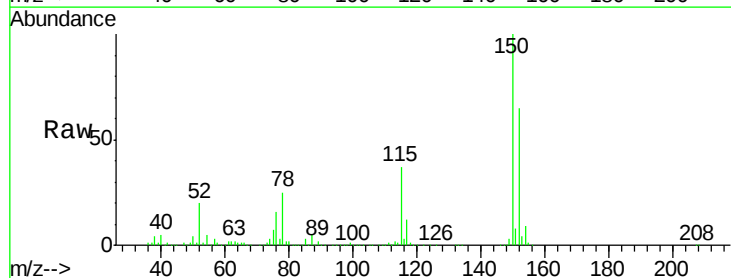


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017042.D
Acq: 30 Jun 2020 14:08

Tgt Ion:152 Resp: 216286
Ion Ratio Lower Upper
152 100
115 58.7 40.9 122.7
150 157.0 0.0 351.6



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

