

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017264.D
 Acq On : 08 Jul 2020 18:32
 Operator : JC/SP
 Sample : L3217-14 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E3-41-BOILER-ROOM

Quant Time: Jul 09 04:24:50 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	5.63	168	238193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	405783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225242	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	164508	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
35) Dibromofluoromethane	5.47	113	139127	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
50) Toluene-d8	8.70	98	490347	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.12	95	205422	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	

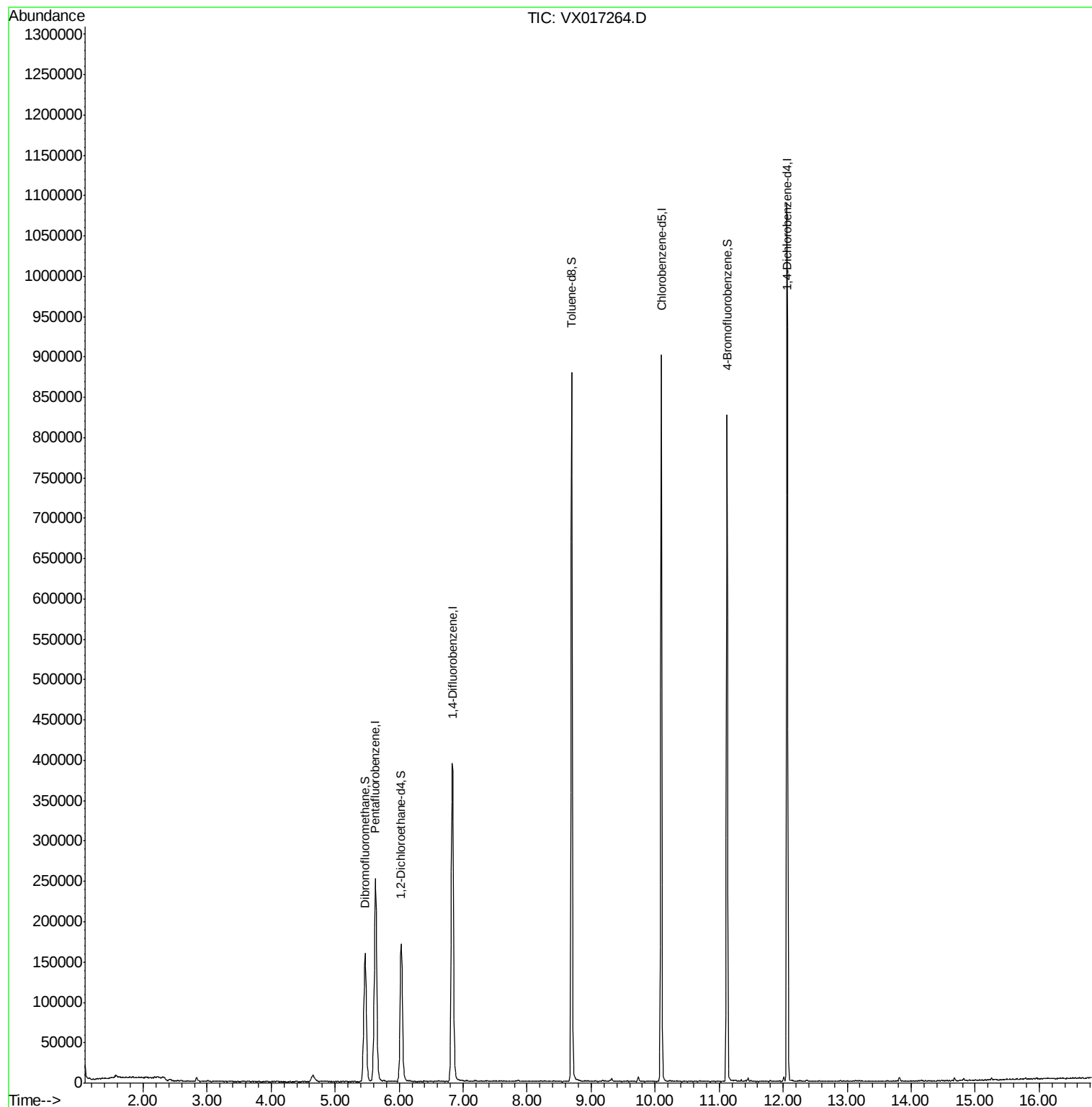
Target Compounds	Qvalue

(#) = 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. -0.01 min

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Acq: 08 Jul 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

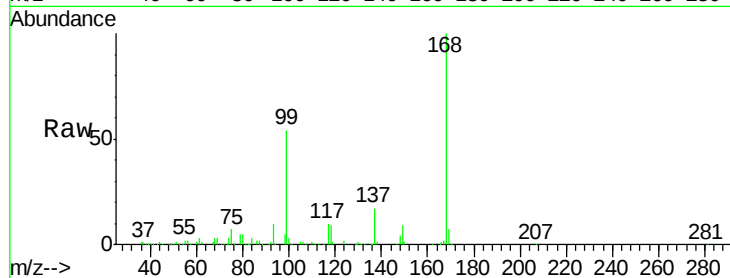
E3-41-BOILER-ROOM

Tot Ion:168 Resp: 238193

Ion Ratio Lower Upper

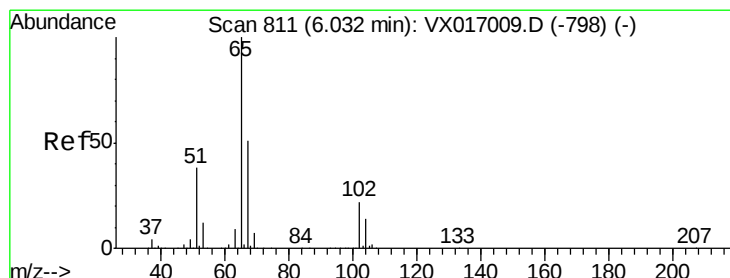
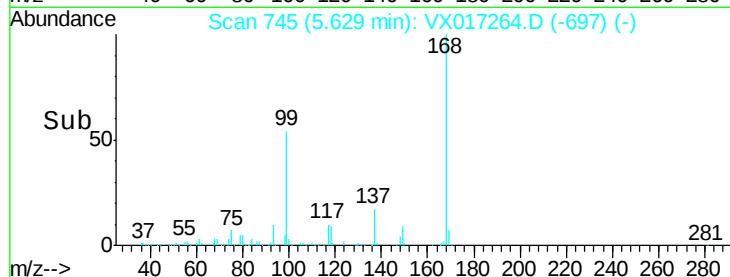
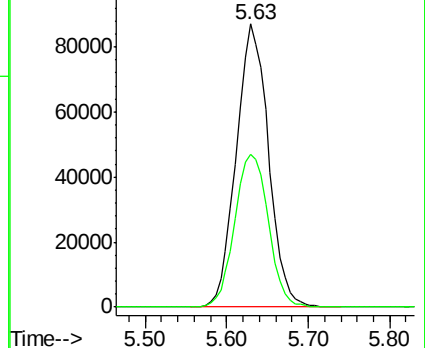
168 100

99 53.8 42.6 64.0



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: 56.023 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017264.D

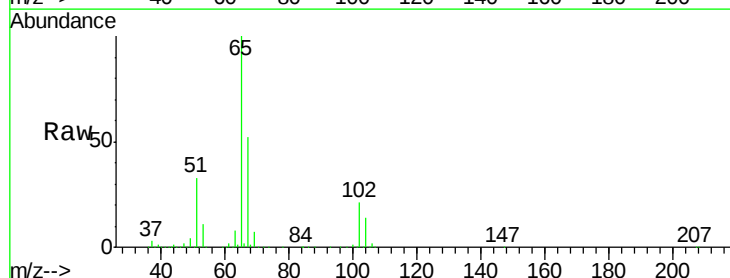
Acq: 08 Jul 2020 18:32

Tgt Ion: 65 Resp: 164508

Ion Ratio Lower Upper

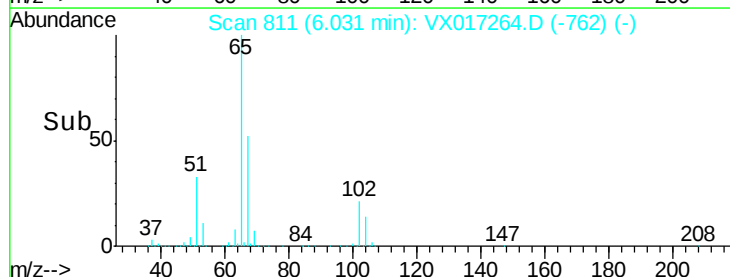
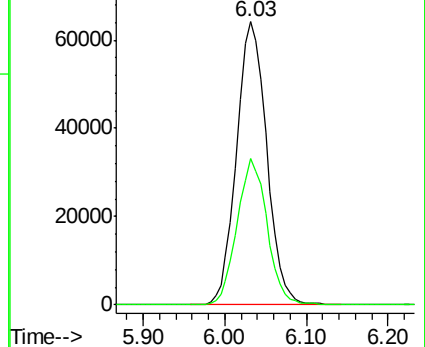
65 100

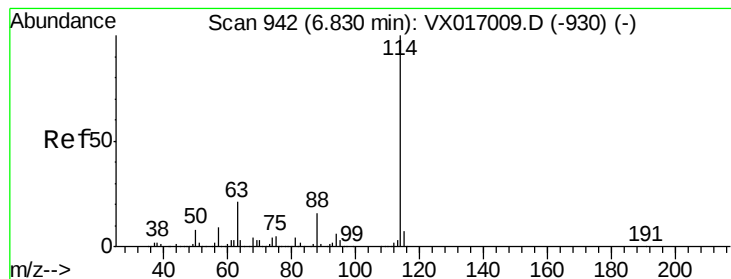
67 51.3 0.0 103.8



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: VX017264.D

Acq: 08 Jul 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

E3-41-BOILER-ROOM

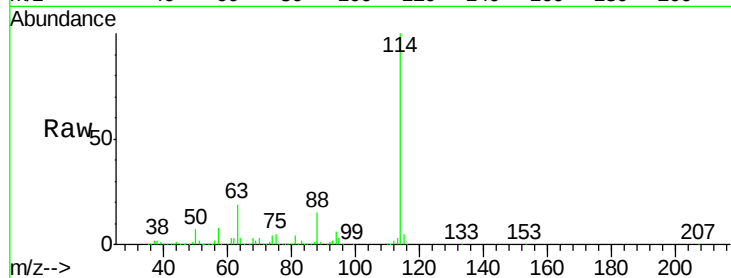
Tot Ion:114 Resp: 405783

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

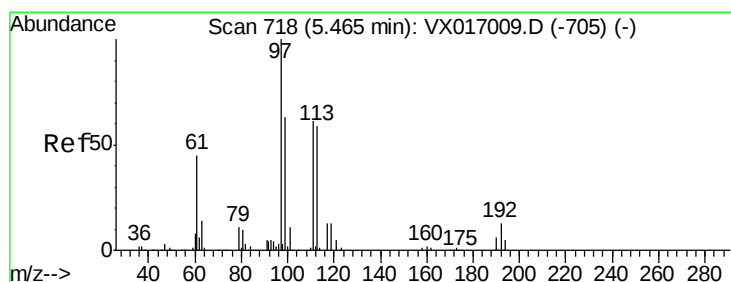
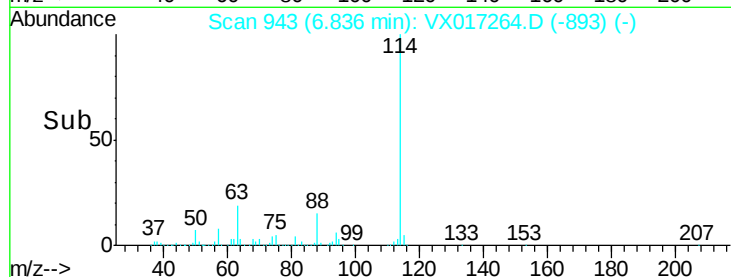
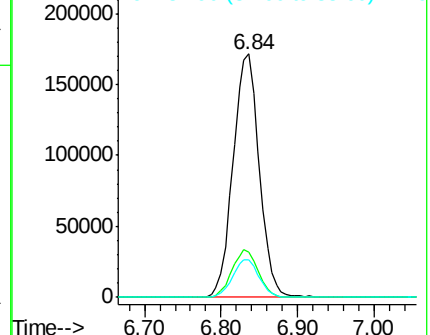
88 15.4 0.0 32.4



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: 54.201 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017264.D

Acq: 08 Jul 2020 18:32

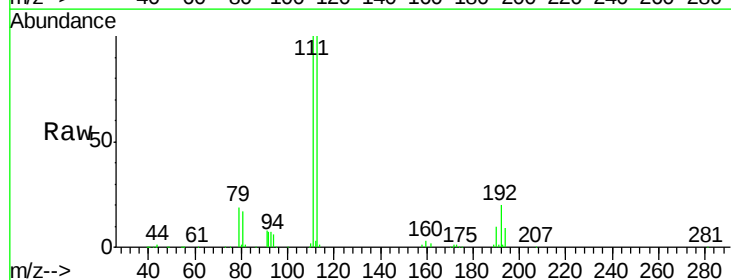
Tgt Ion:113 Resp: 139127

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

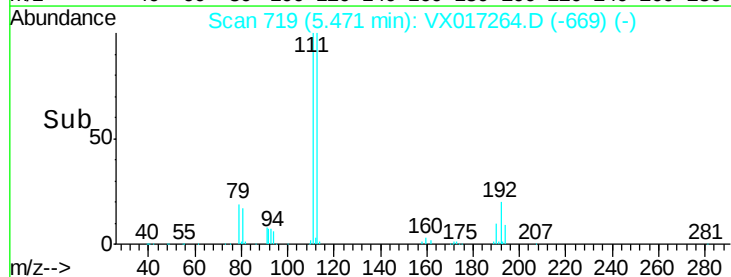
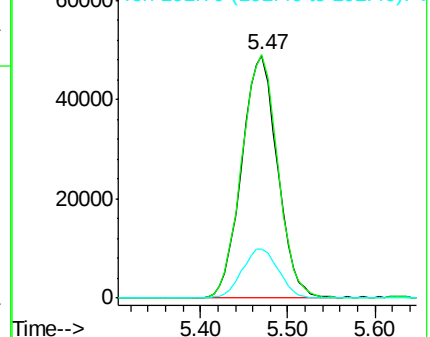
192 20.7 16.7 25.1

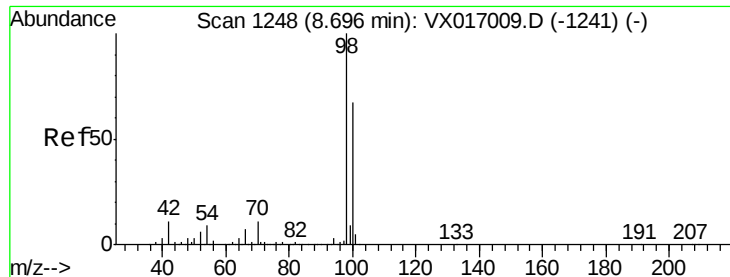


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.660 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017264.D

Acq: 08 Jul 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

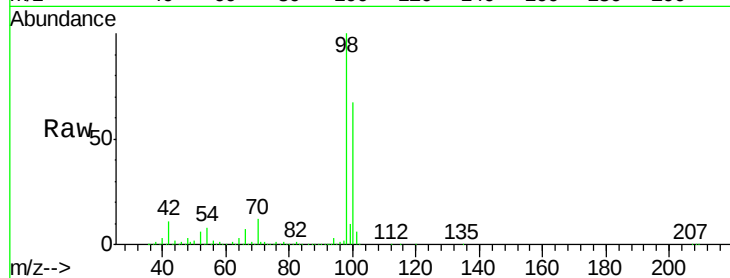
E3-41-BOILER-ROOM

Tot Ion: 98 Resp: 490347

Ion Ratio Lower Upper

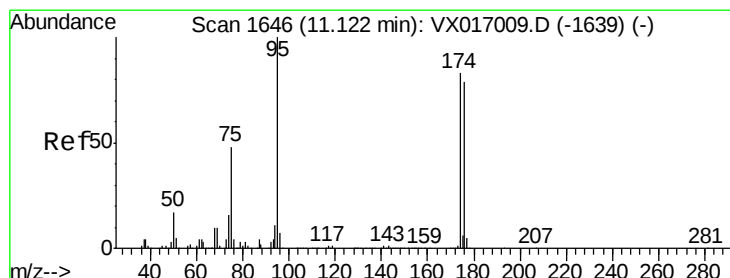
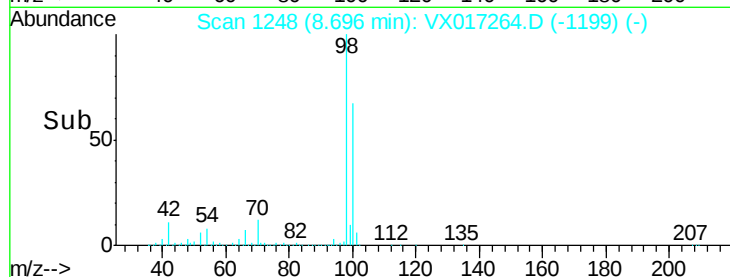
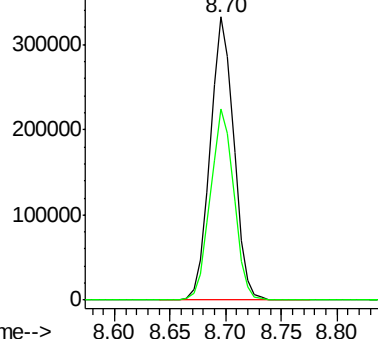
98 100

100 67.4 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: 55.363 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017264.D

Acq: 08 Jul 2020 18:32

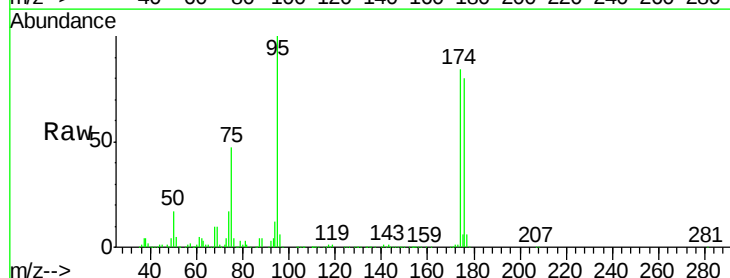
Tgt Ion: 95 Resp: 205422

Ion Ratio Lower Upper

95 100

174 84.3 0.0 164.0

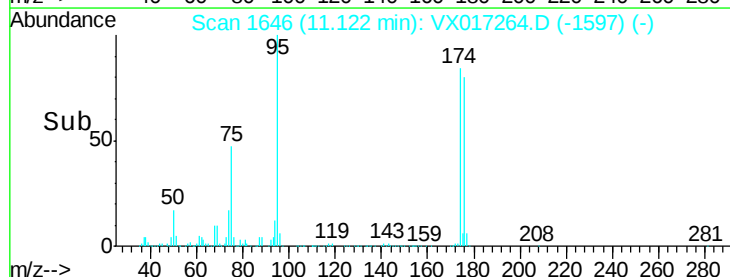
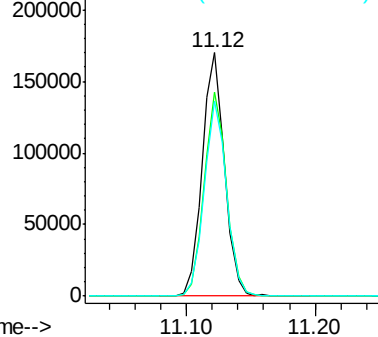
176 80.7 0.0 157.6

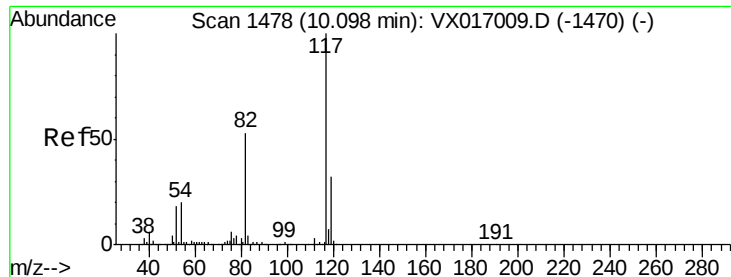


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX017264.D

Acq: 08 Jul 2020 18:32

Instrument :

MSVOA_X

ClientSampleId :

E3-41-BOILER-ROOM

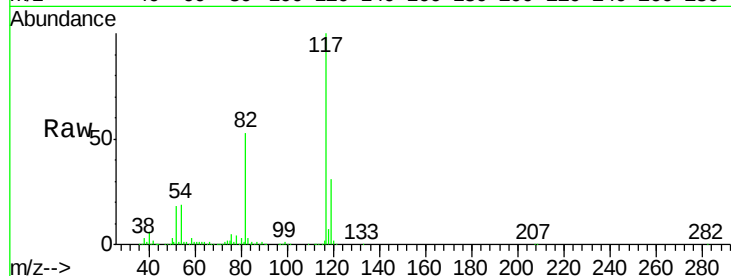
Tot Ion:117 Resp: 420642

Ion Ratio Lower Upper

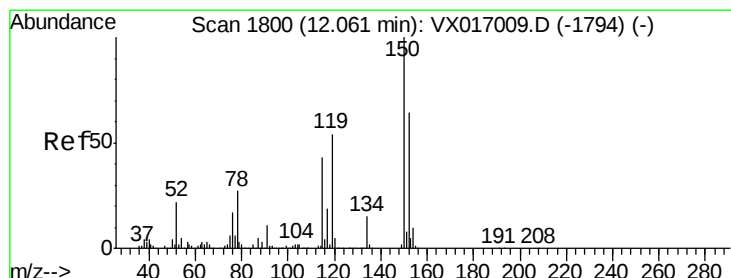
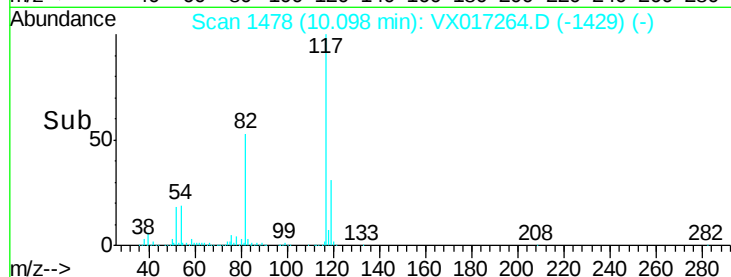
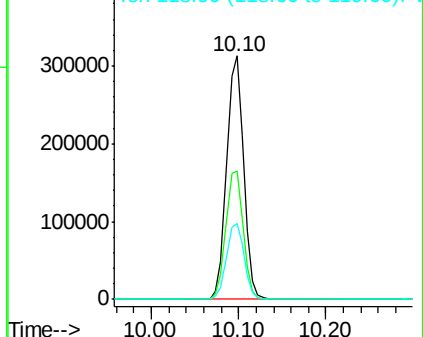
117 100

82 53.0 42.6 63.8

119 31.4 25.4 38.2



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: VX017264.D

Acq: 08 Jul 2020 18:32

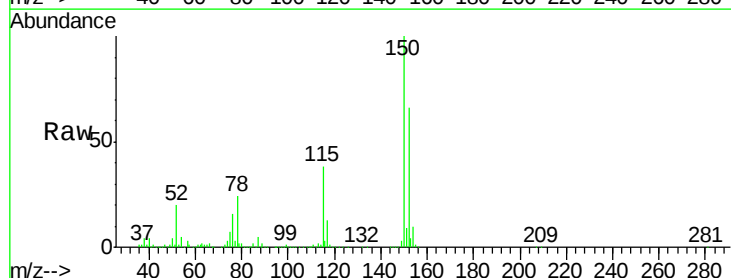
Tgt Ion:152 Resp: 225242

Ion Ratio Lower Upper

152 100

115 57.3 40.9 122.7

150 156.4 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

