

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018241.D
 Acq On : 03 Sep 2020 17:38
 Operator : JC/SP
 Sample : L3903-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP02-20200902

Quant Time: Sep 04 02:57:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	431135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	706224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	673302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	331949	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	323375	54.03	ug/l	0.00
Spiked Amount			Recovery	=	108.06%	
35) Dibromofluoromethane	5.46	113	252411	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
50) Toluene-d8	8.70	98	854246	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.12	95	311296	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	

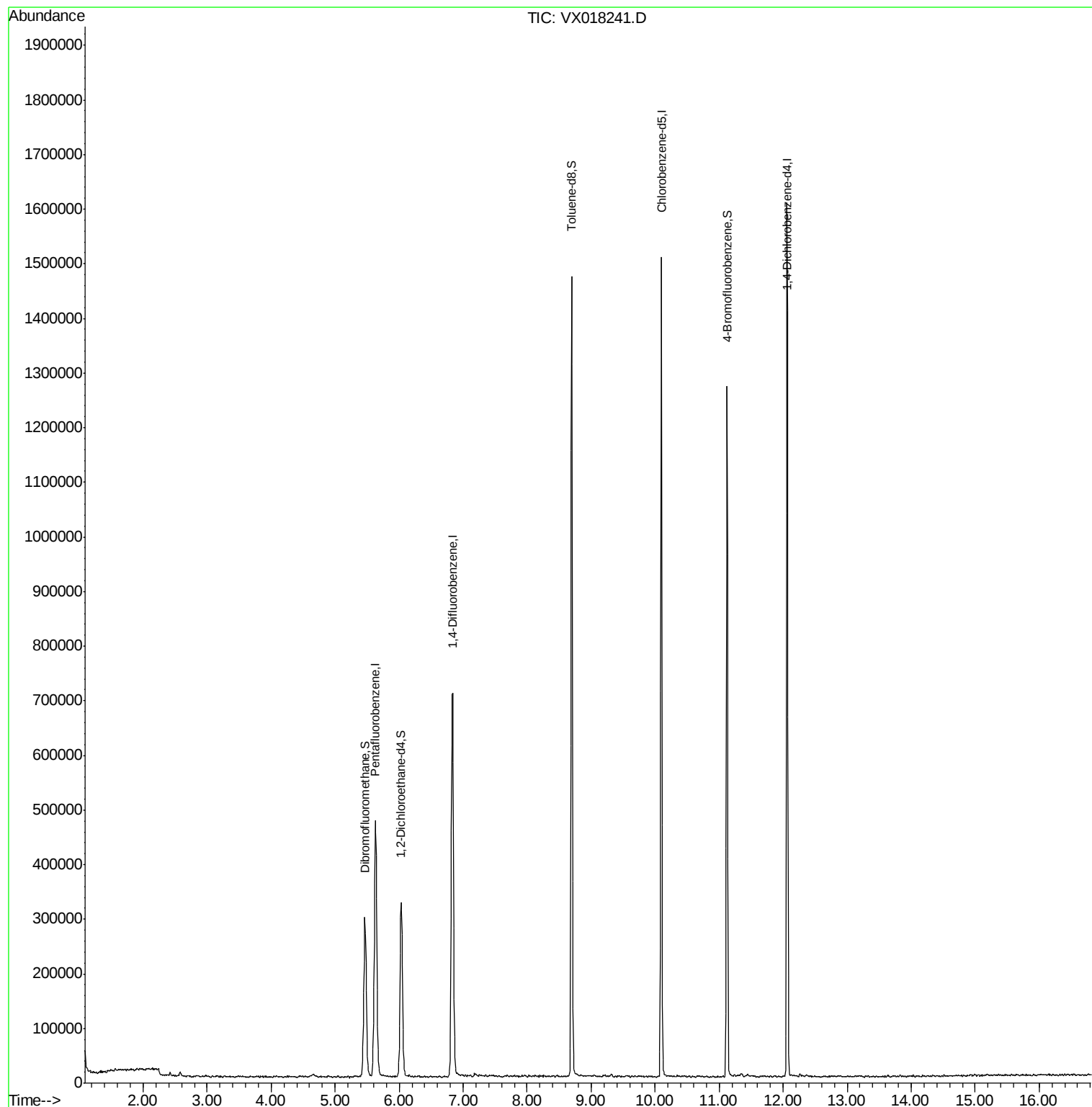
Target Compounds	Qvalue
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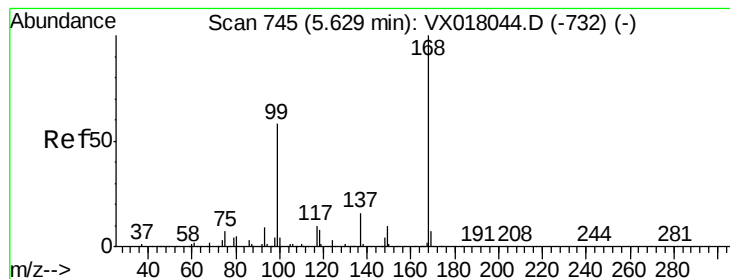
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

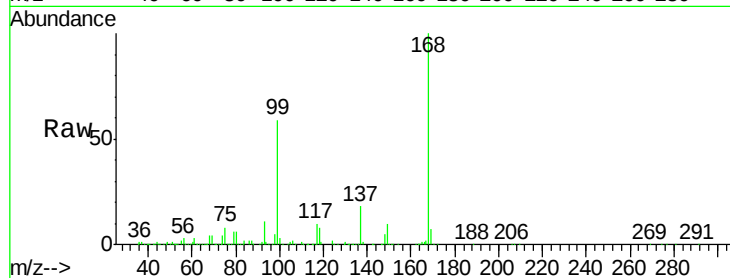
SA-DUP02-20200902

Tot Ion:168 Resp: 431135

Ion Ratio Lower Upper

168 100

99 58.4 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

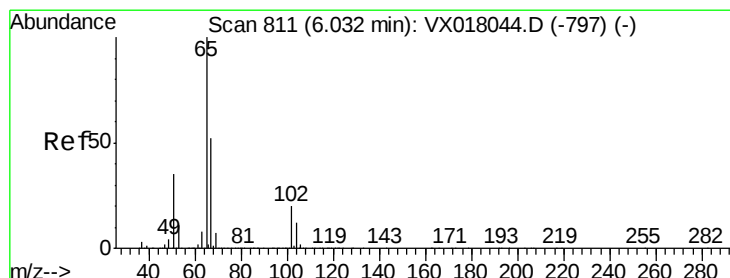
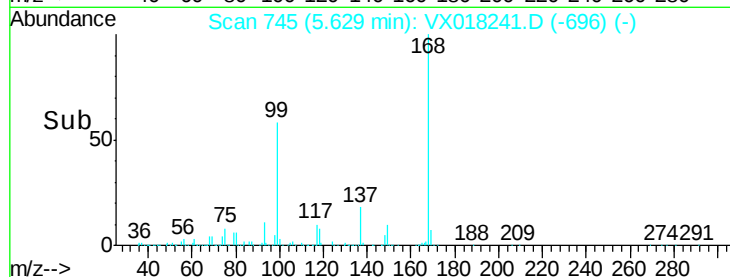
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.029 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018241.D

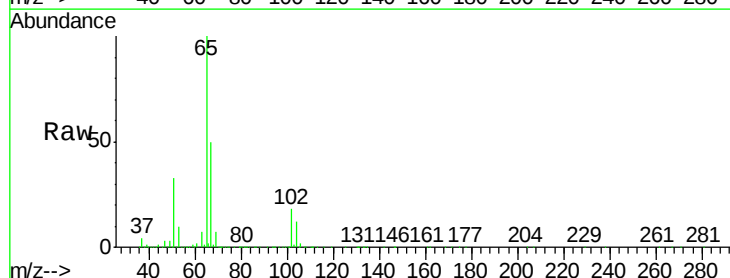
Acq: 03 Sep 2020 17:38

Tgt Ion: 65 Resp: 323375

Ion Ratio Lower Upper

65 100

67 50.0 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

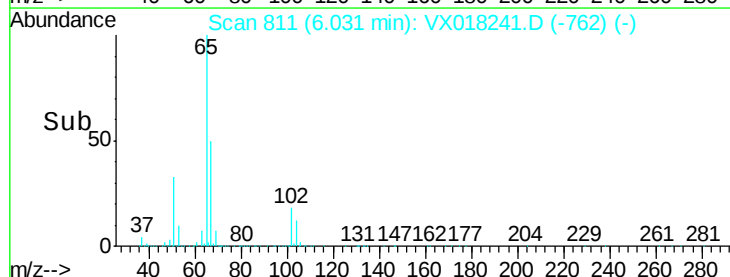
100000

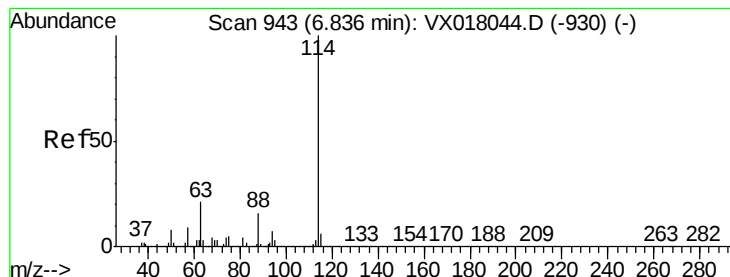
50000

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. -0.00 min

Lab File: VX018241.D

Acq: 03 Sep 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP02-20200902

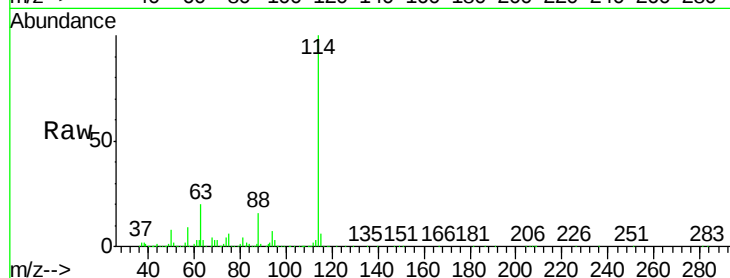
Tot Ion:114 Resp: 706224

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

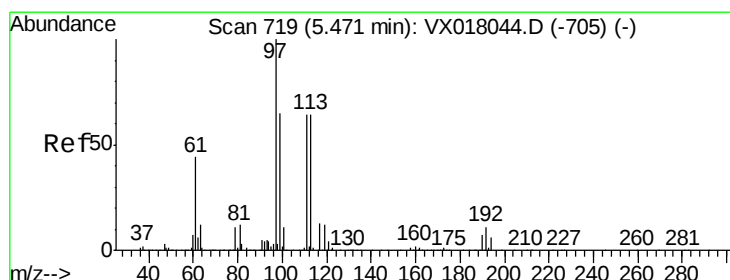
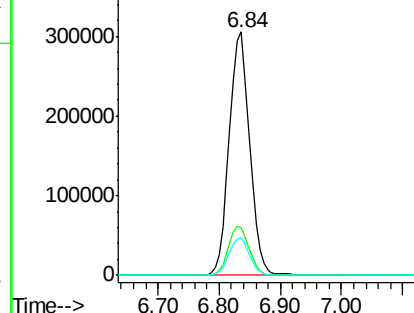
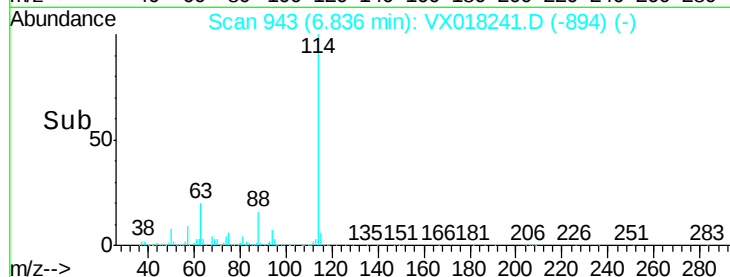
88 15.7 0.0 31.8



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



#35

Dibromofluoromethane

Concen: 52.479 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018241.D

Acq: 03 Sep 2020 17:38

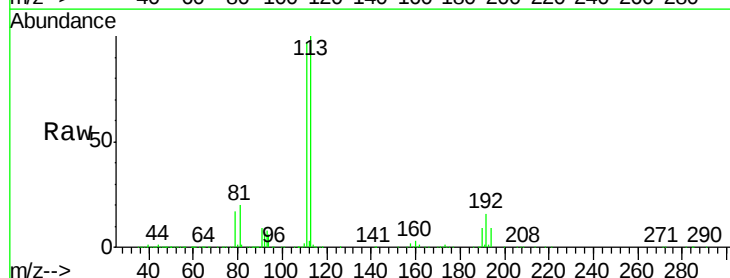
Tgt Ion:113 Resp: 252411

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

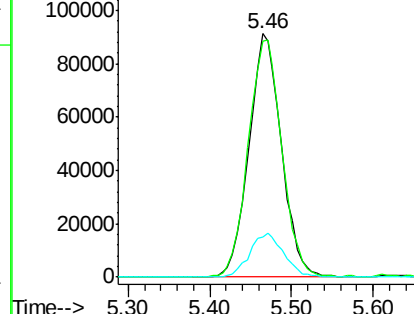
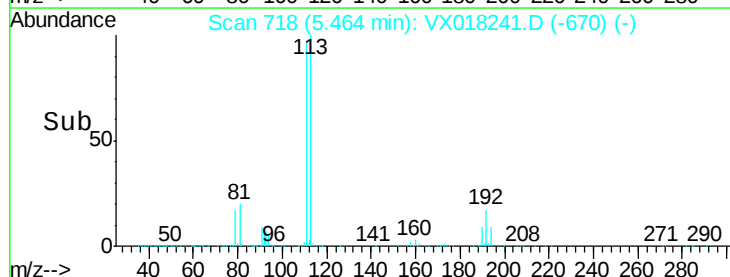
192 19.2 15.8 23.8

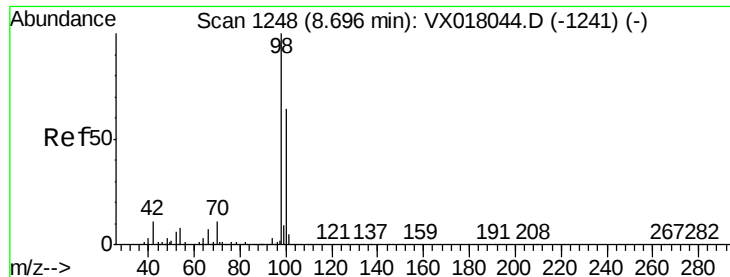


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.686 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018241.D

Acq: 03 Sep 2020 17:38

Instrument :

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ClientSampleId :

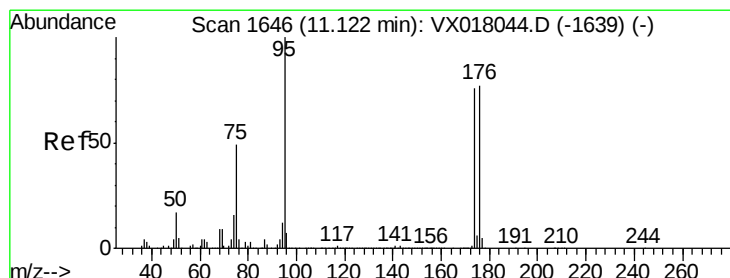
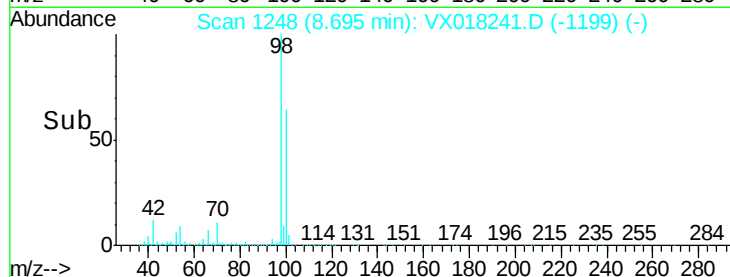
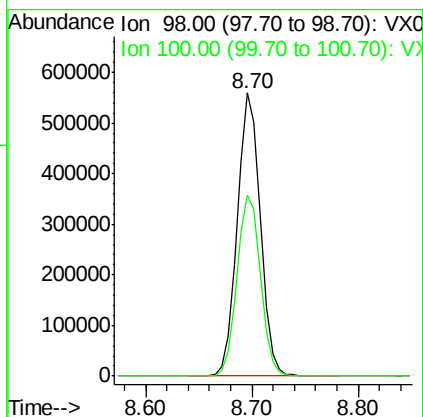
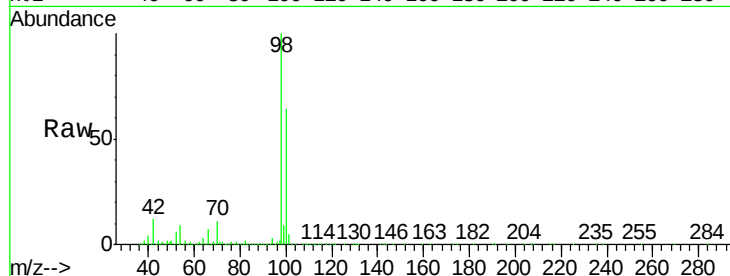
SA-DUP02-20200902

Tot Ion: 98 Resp: 854246

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.167 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018241.D

Acq: 03 Sep 2020 17:38

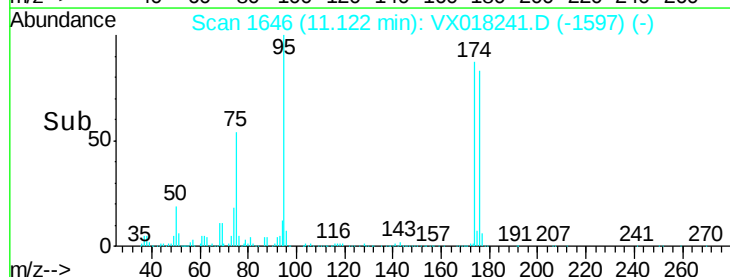
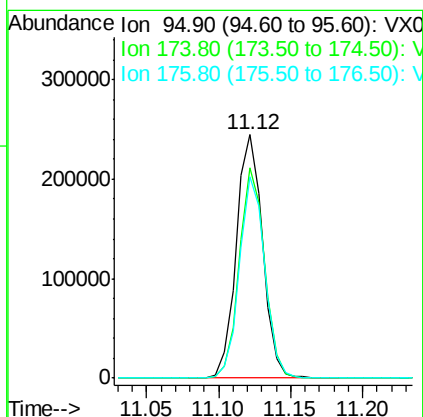
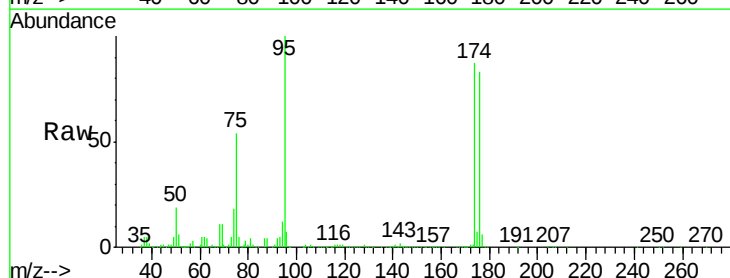
Tgt Ion: 95 Resp: 311296

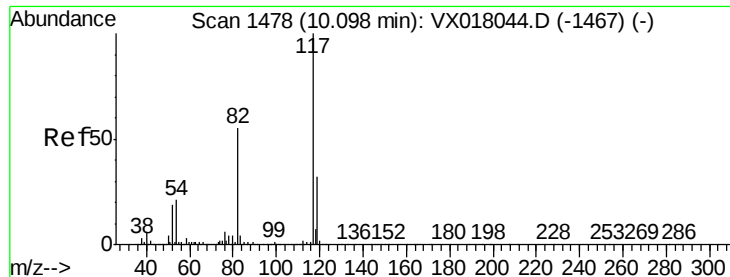
Ion Ratio Lower Upper

95 100

174 83.1 0.0 160.2

176 79.7 0.0 155.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018241.D

Acq: 03 Sep 2020 17:38

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP02-20200902

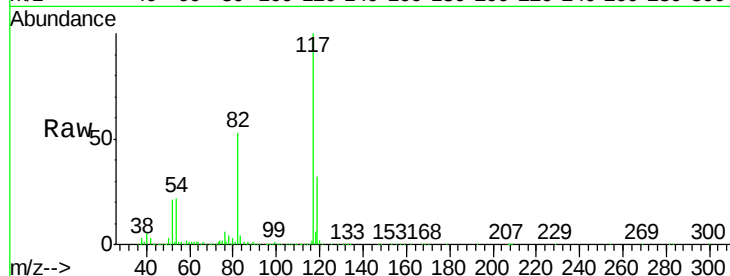
Tot Ion:117 Resp: 673302

Ion Ratio Lower Upper

117 100

82 53.3 44.2 66.2

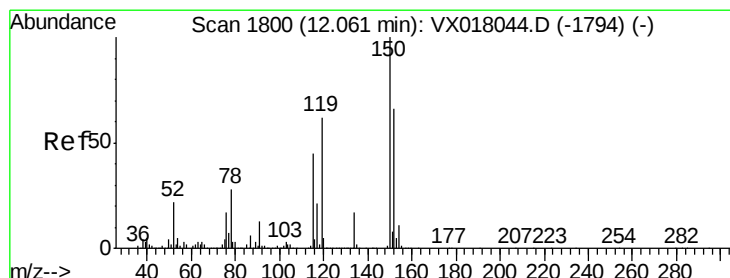
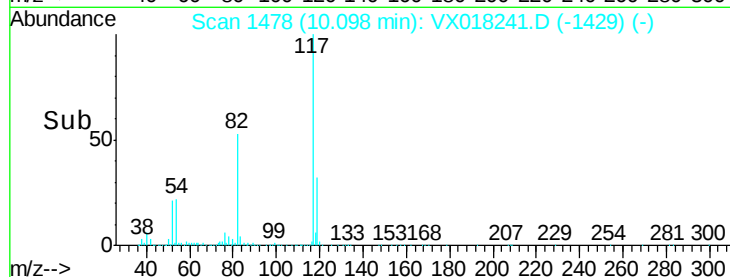
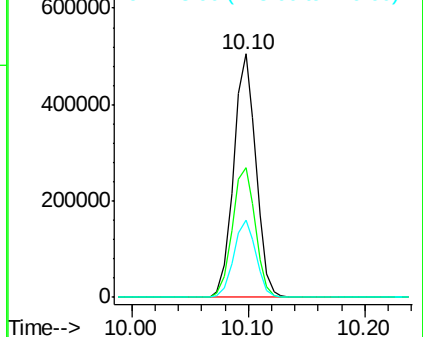
119 31.7 25.7 38.5



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: VX018241.D

Acq: 03 Sep 2020 17:38

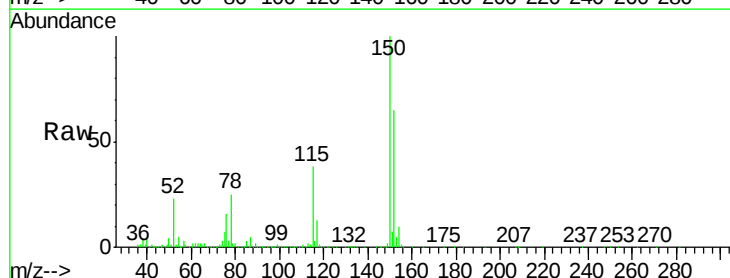
Tgt Ion:152 Resp: 331949

Ion Ratio Lower Upper

152 100

115 57.5 41.5 124.5

150 153.3 0.0 343.8



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

