

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005656.D
 Acq On : 29 Oct 2018 13:24
 Operator : JC/MD
 Sample : J5692-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP02-20181025

Quant Time: Oct 30 11:03:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136119	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	137142	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	108776	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
50) Toluene-d8	8.71	98	372950	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	
62) 4-Bromofluorobenzene	11.14	95	123174	37.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.76%	

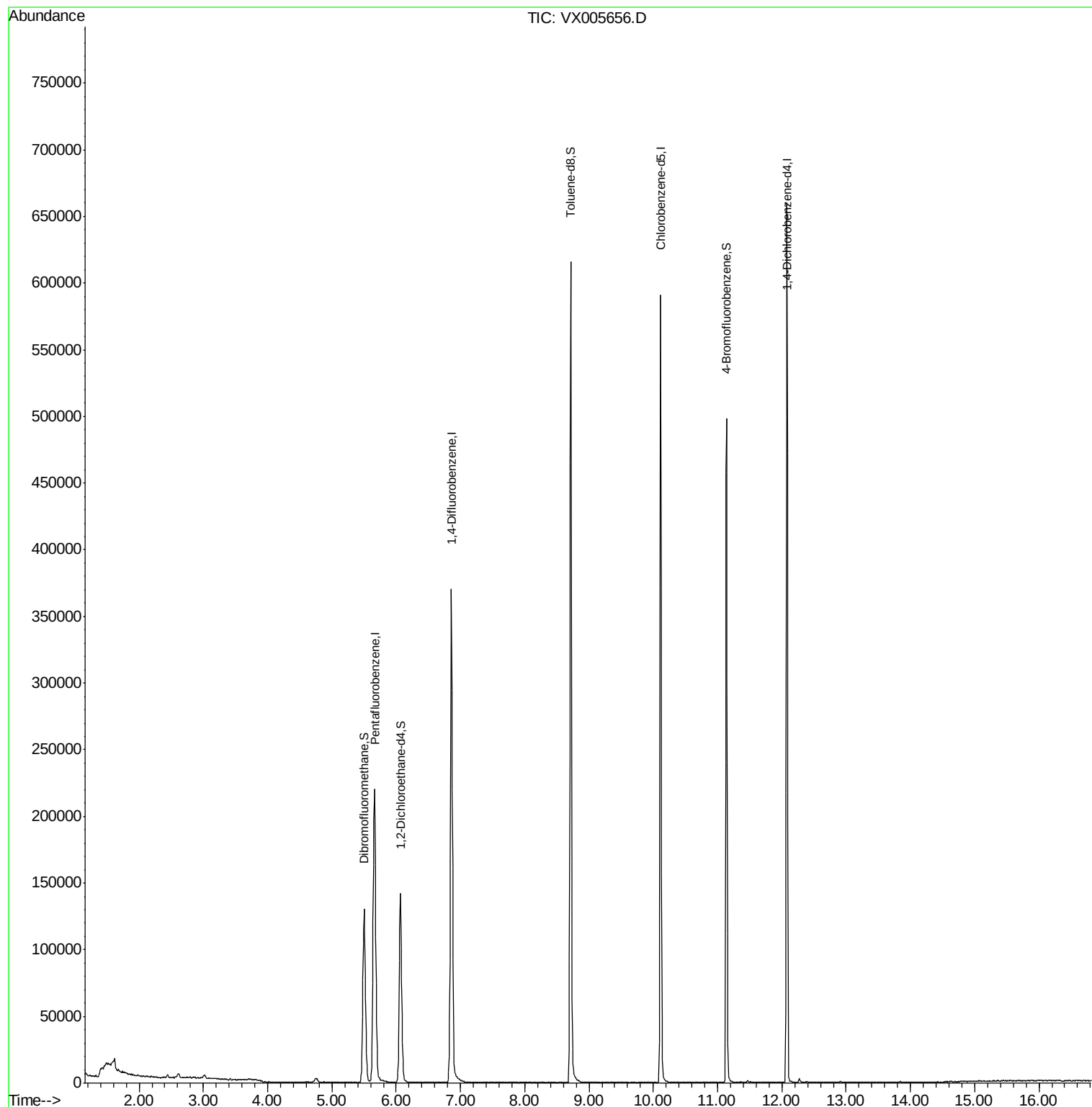
Target Compounds	Qvalue

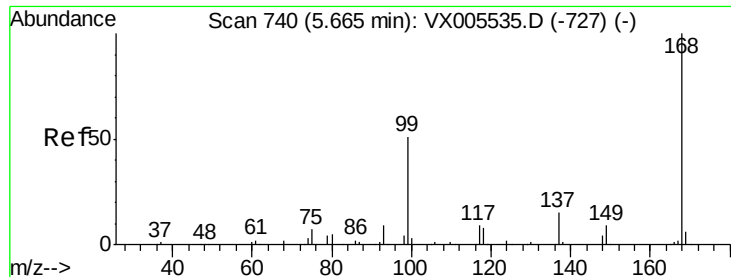
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

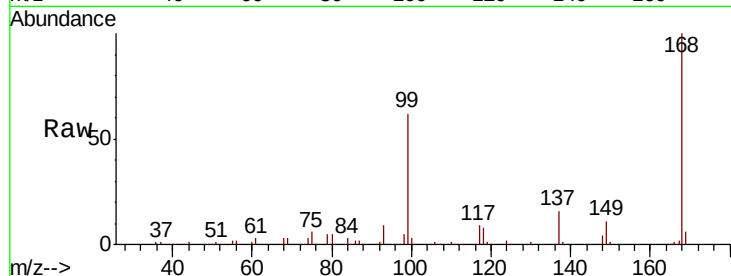
FT-DUP02-20181025

Tot Ion:168 Resp: 225257

Ion Ratio Lower Upper

168 100

99 62.1 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

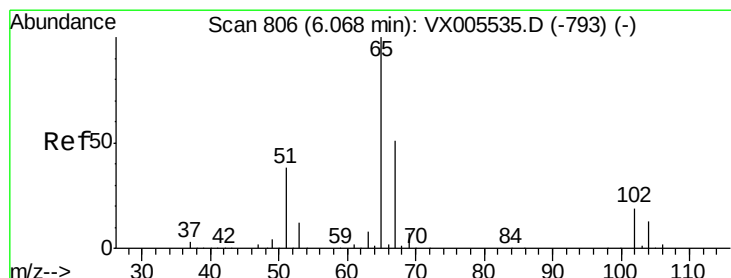
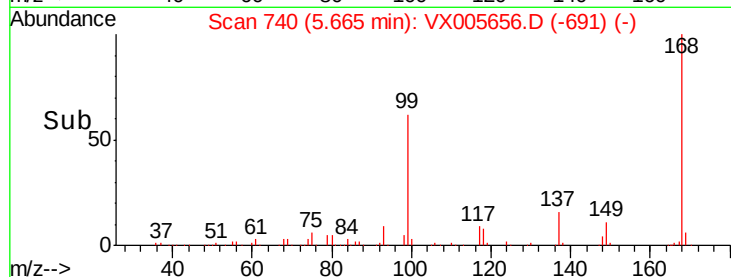
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 49.875 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005656.D

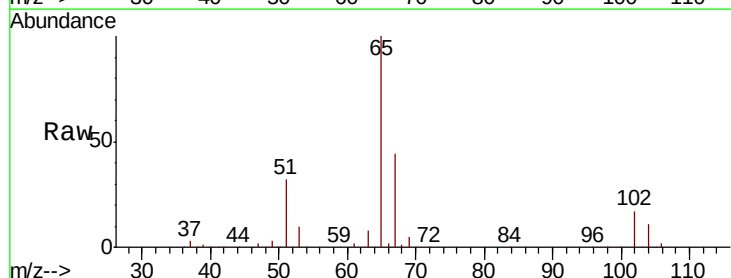
Acq: 29 Oct 2018 13:24

Tgt Ion: 65 Resp: 137142

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

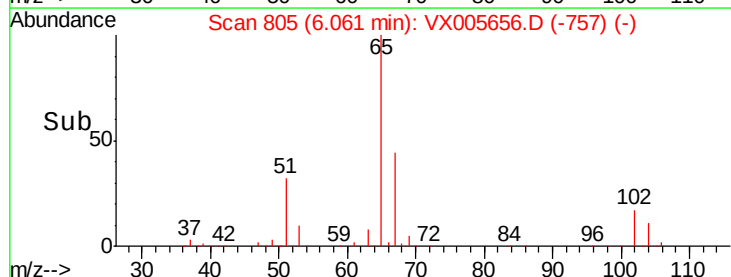
40000

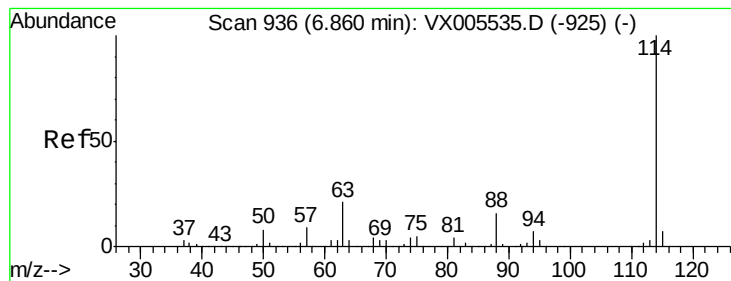
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP02-20181025

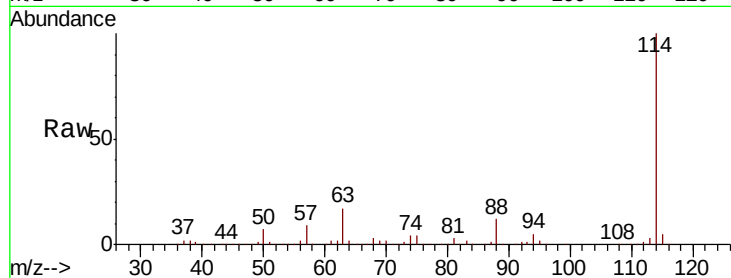
Tot Ion:114 Resp: 353923

Ion Ratio Lower Upper

114 100

63 16.5 0.0 42.8

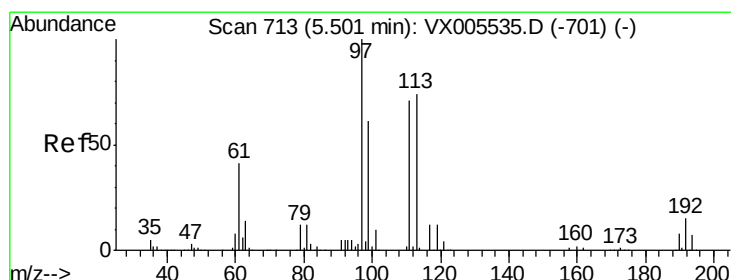
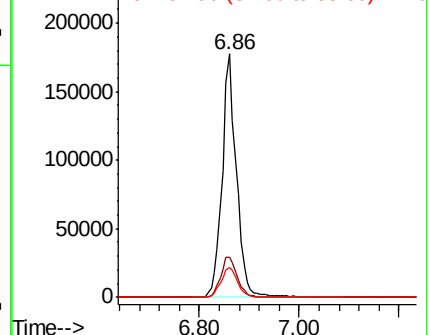
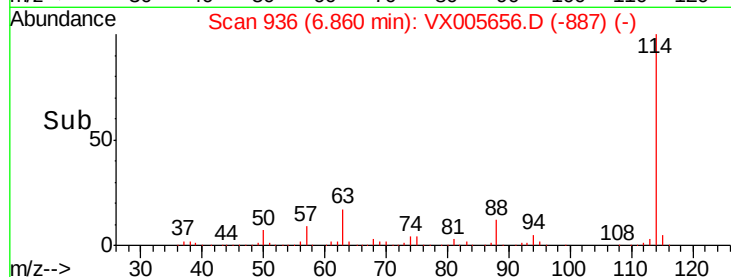
88 12.3 0.0 31.2



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: 45.390 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

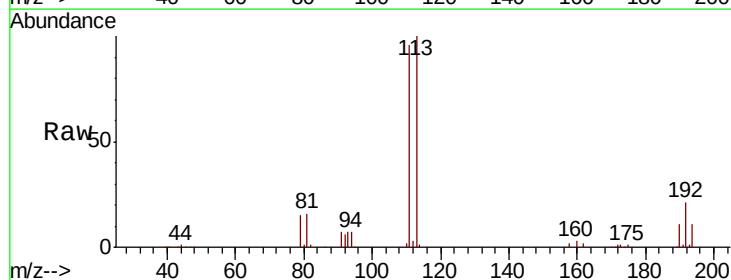
Tgt Ion:113 Resp: 108776

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

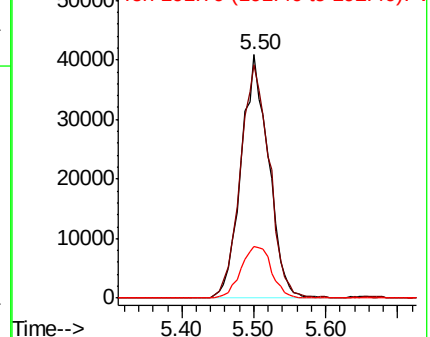
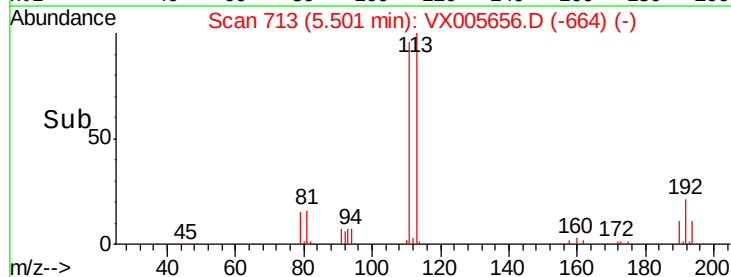
192 23.4 17.9 26.9

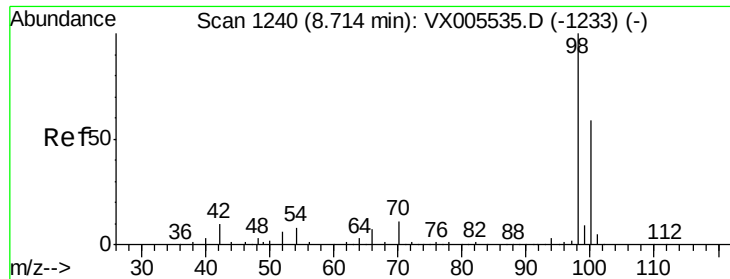


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.311 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

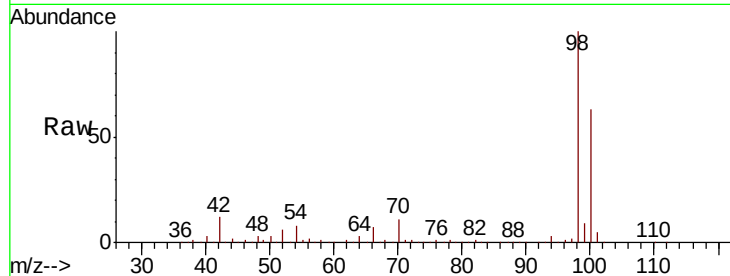
FT-DUP02-20181025

Tot Ion: 98 Resp: 372950

Ion Ratio Lower Upper

98 100

100 62.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

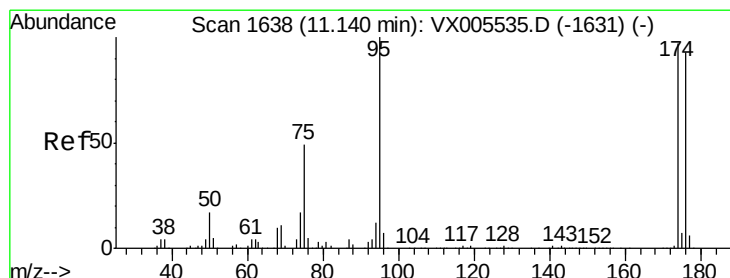
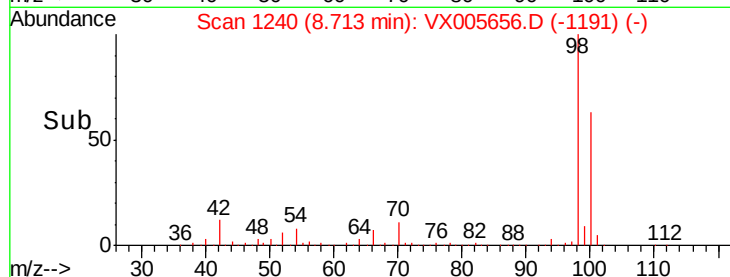
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 37.877 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005656.D

Acq: 29 Oct 2018 13:24

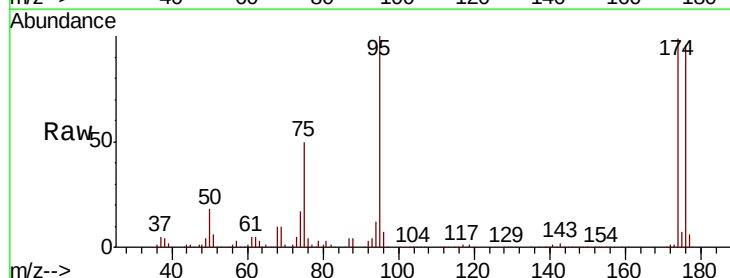
Tgt Ion: 95 Resp: 123174

Ion Ratio Lower Upper

95 100

174 94.2 0.0 184.4

176 91.7 0.0 177.4



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

120000

100000

80000

60000

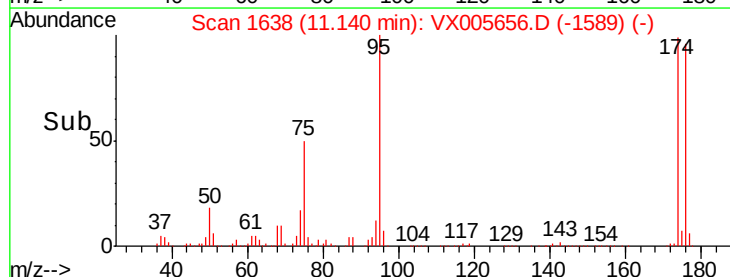
40000

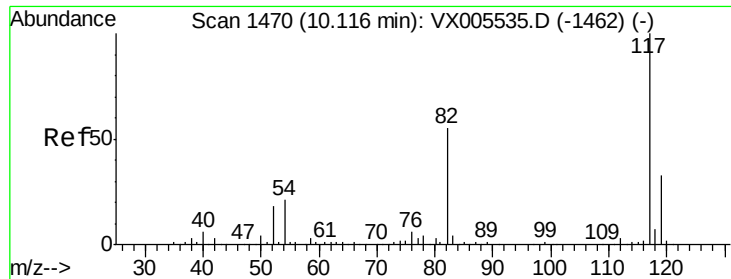
20000

0

11.10 11.20

Time-->

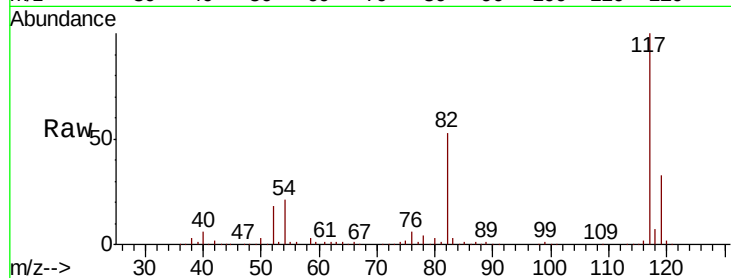




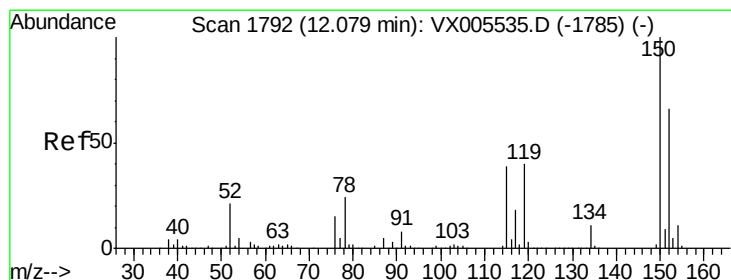
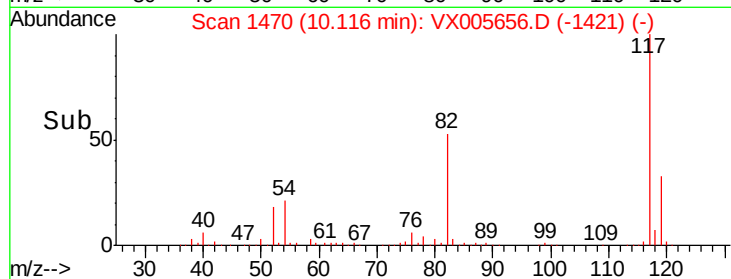
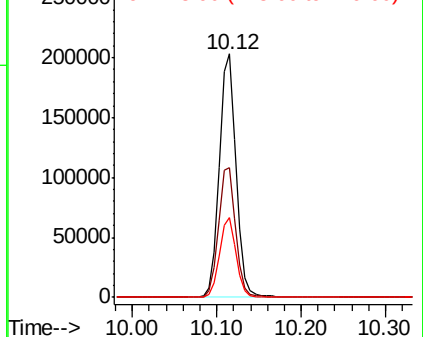
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005656.D
Acq: 29 Oct 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
FT-DUP02-20181025

Tot Ion:117 Resp: 281529
Ion Ratio Lower Upper
117 100
82 53.4 44.1 66.1
119 32.7 26.2 39.2

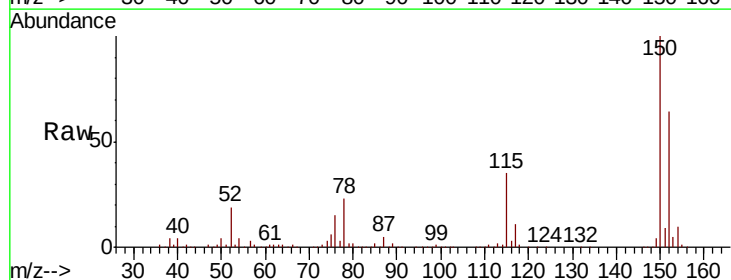


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005656.D
Acq: 29 Oct 2018 13:24

Tgt Ion:152 Resp: 136119
Ion Ratio Lower Upper
152 100
115 54.6 39.4 118.1
150 156.6 0.0 346.4



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

