

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010872.D
 Acq On : 15 Jul 2019 10:25
 Operator : JC/SP
 Sample : K3788-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-7-12-19

Quant Time: Jul 16 02:15:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	242531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	380751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	350172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127390	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
35) Dibromofluoromethane	5.49	113	119917	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.71	98	456883	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	159476	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

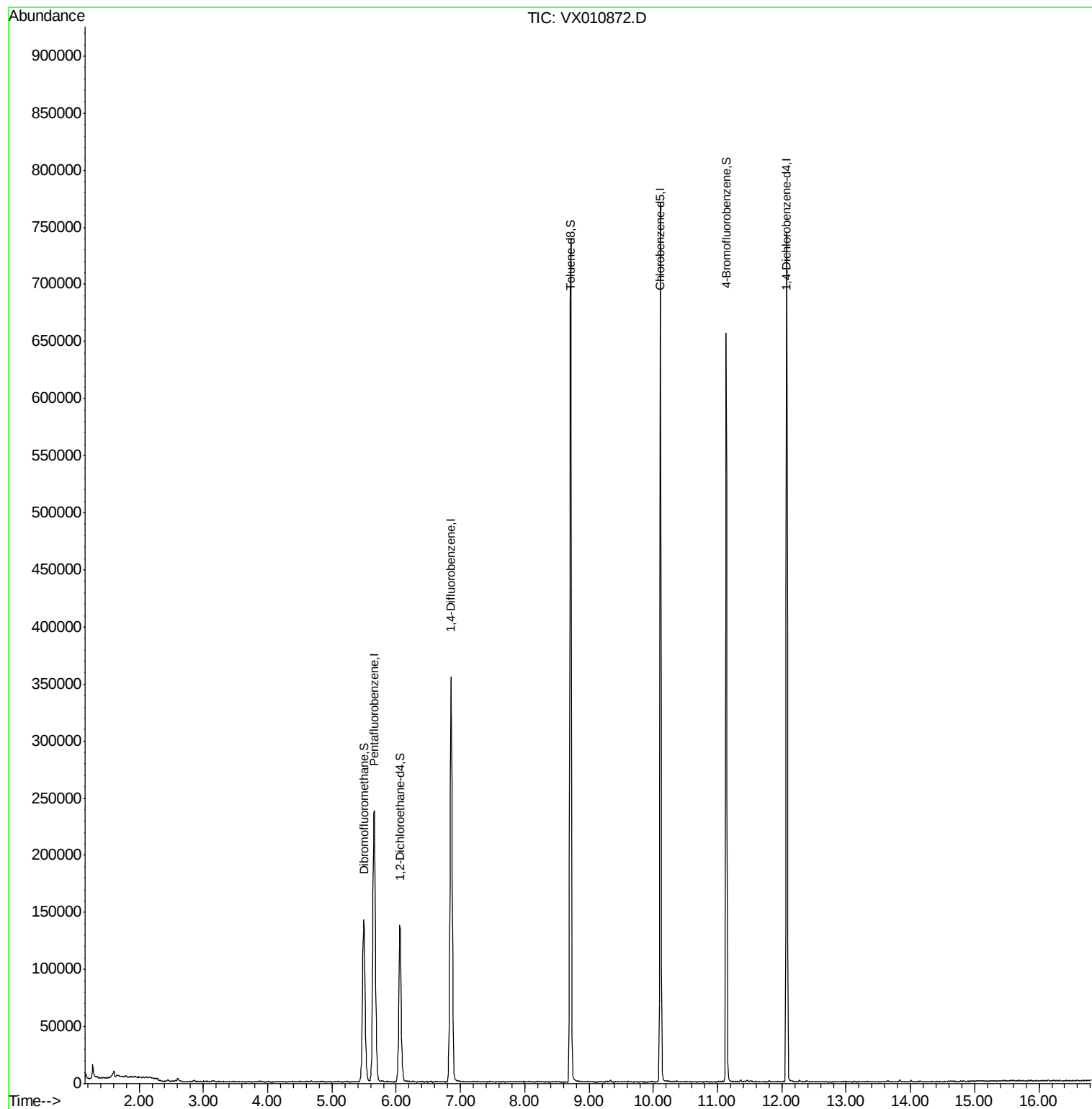
Target Compounds	Qvalue

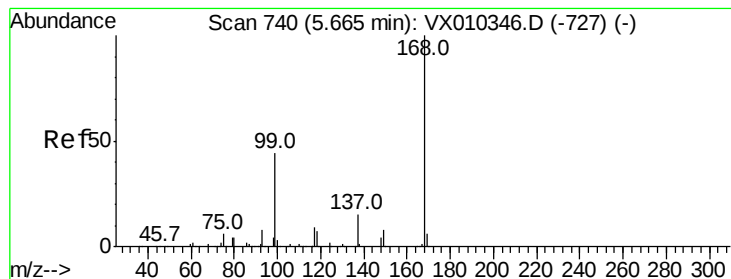
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010872.D

Acq: 15 Jul 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

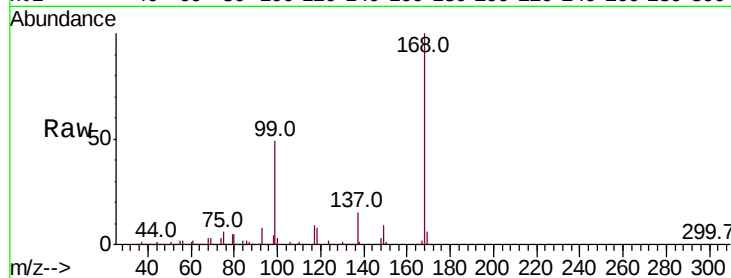
TB-7-12-19

Tot Ion:168 Resp: 242531

Ion Ratio Lower Upper

168 100

99 49.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

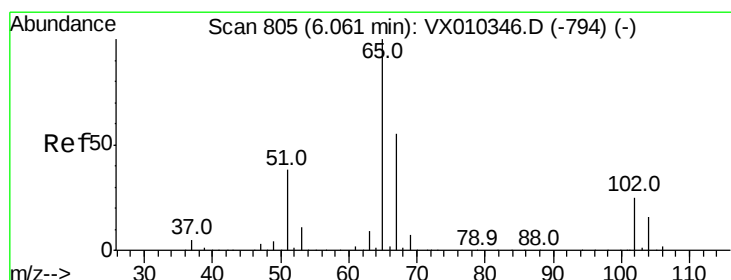
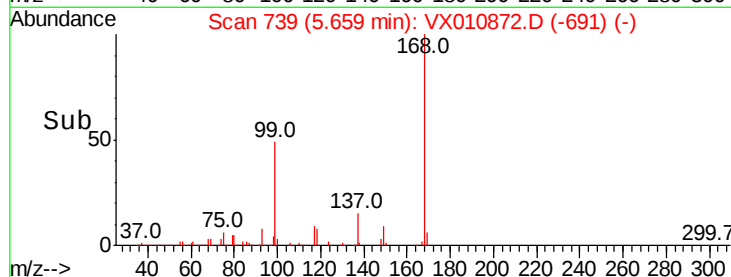
Time-->

5.50

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: 56.021 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010872.D

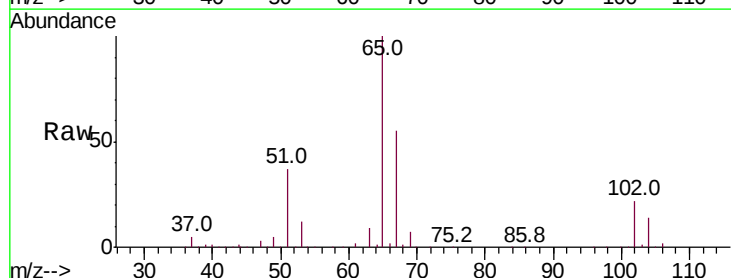
Acq: 15 Jul 2019 10:25

Tgt Ion: 65 Resp: 127390

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

20000

10000

0

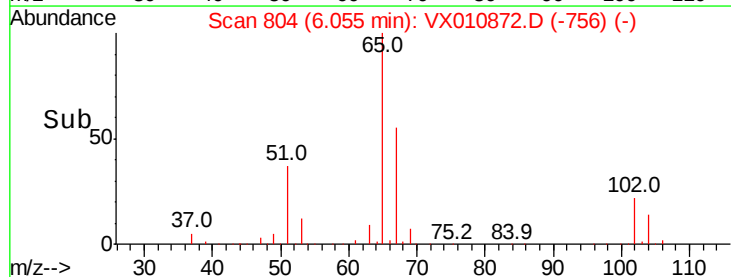
Time-->

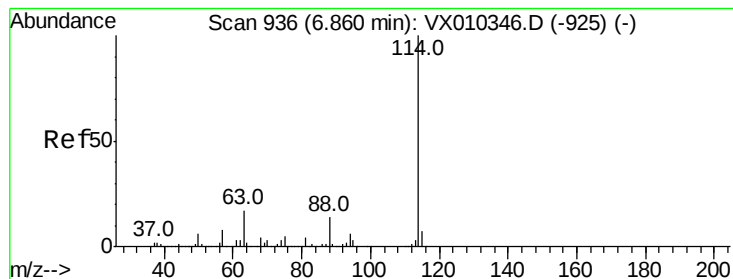
5.90

6.00

6.10

6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010872.D

Acq: 15 Jul 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

TB-7-12-19

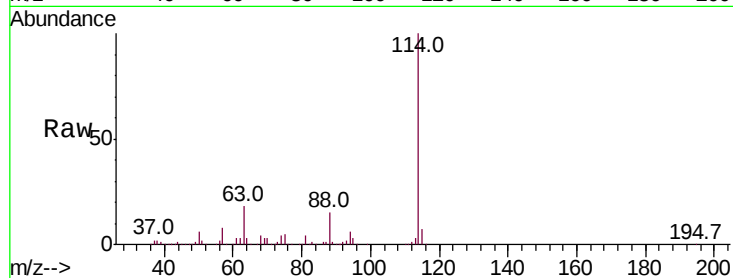
Tot Ion:114 Resp: 380751

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.8

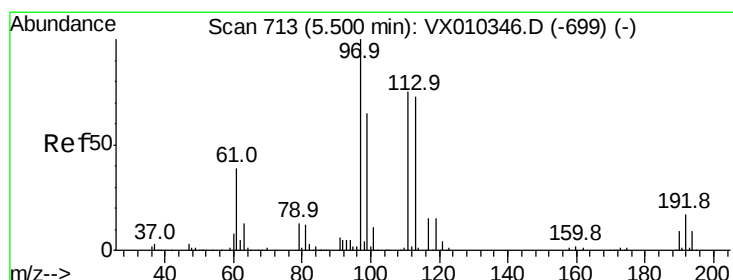
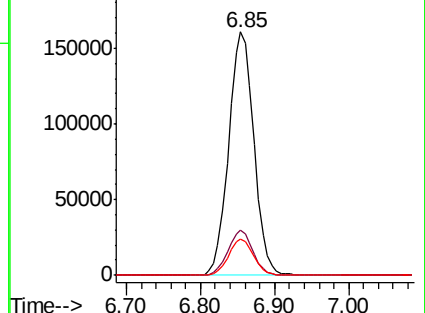
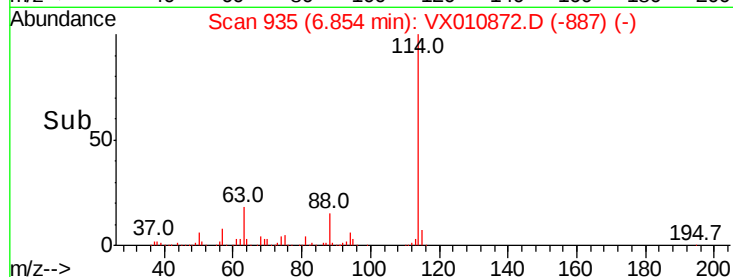
88 14.7 0.0 27.6



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: 51.476 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010872.D

Acq: 15 Jul 2019 10:25

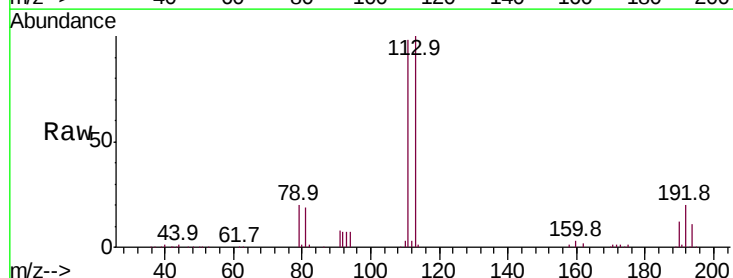
Tgt Ion:113 Resp: 119917

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

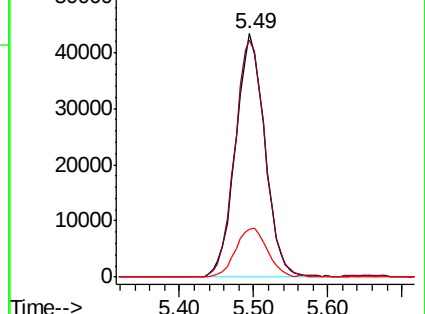
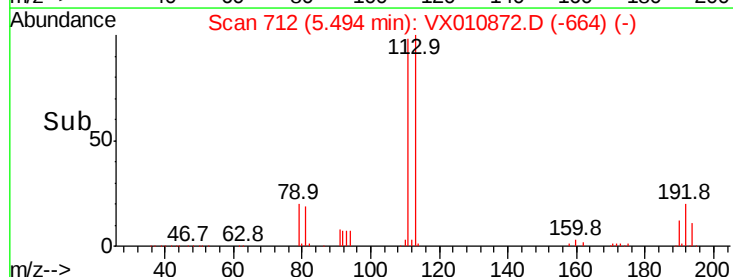
192 21.8 18.6 27.8

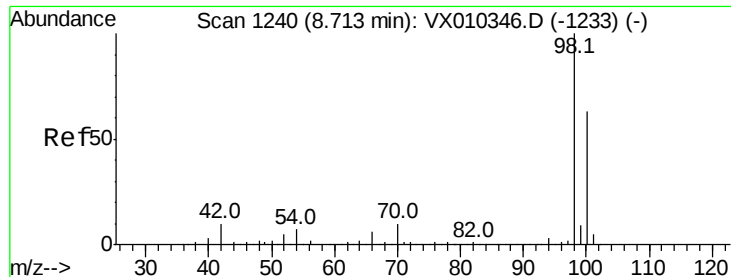


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.263 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010872.D

Acq: 15 Jul 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

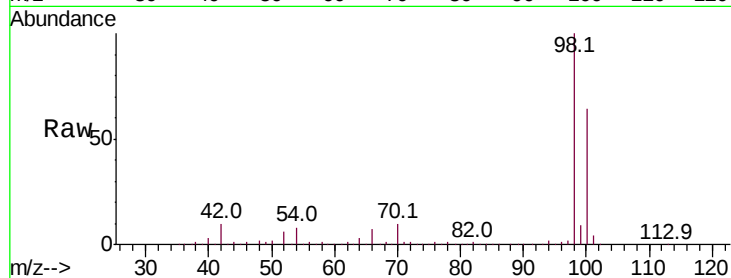
TB-7-12-19

Tot Ion: 98 Resp: 456883

Ion Ratio Lower Upper

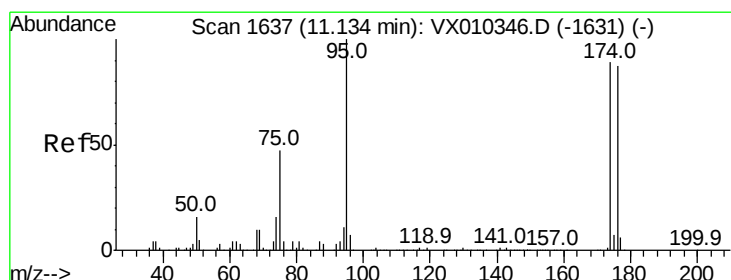
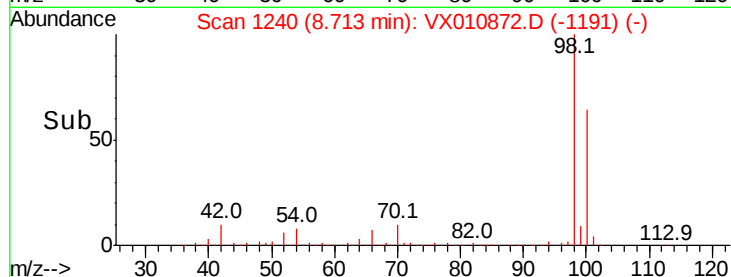
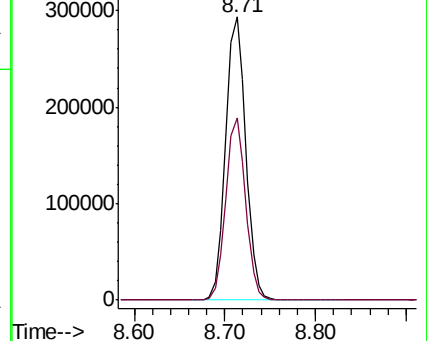
98 100

100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.563 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010872.D

Acq: 15 Jul 2019 10:25

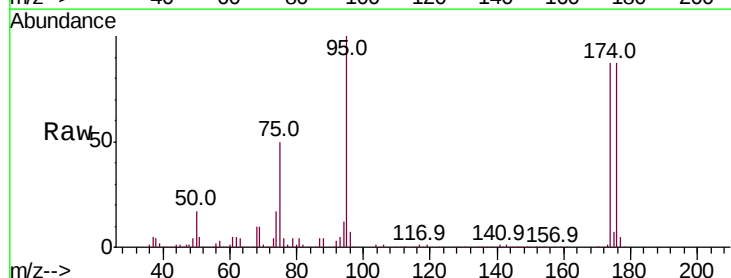
Tgt Ion: 95 Resp: 159476

Ion Ratio Lower Upper

95 100

174 90.0 0.0 187.6

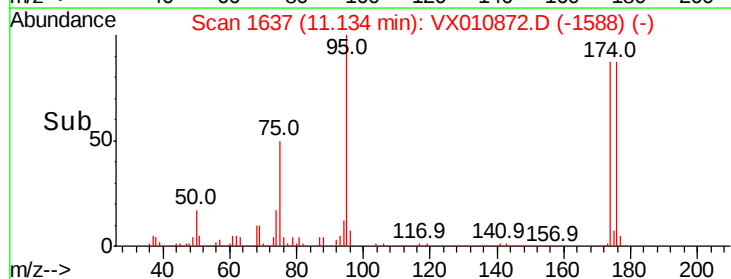
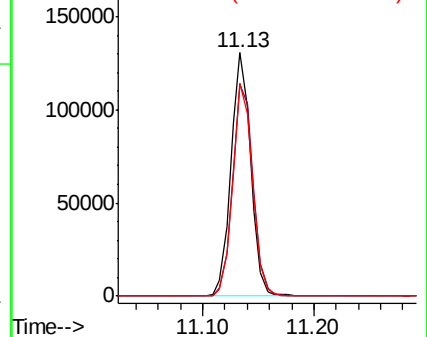
176 87.3 0.0 184.0

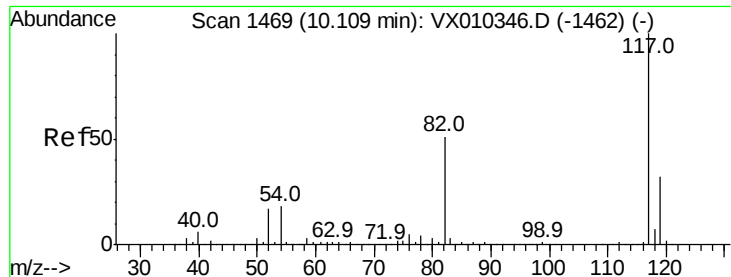


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

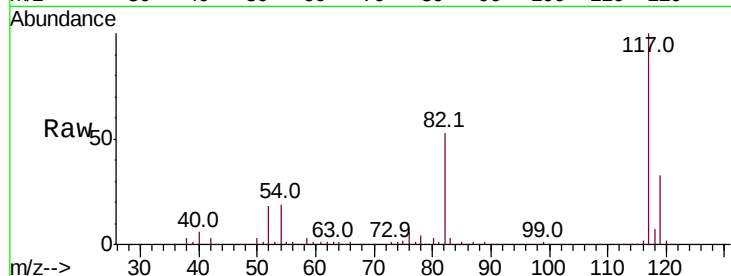




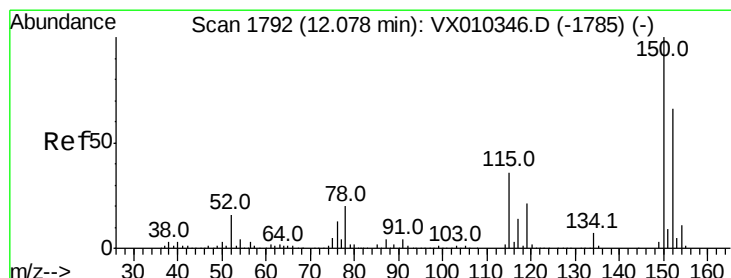
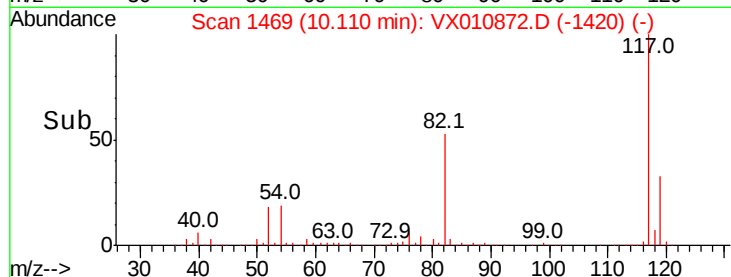
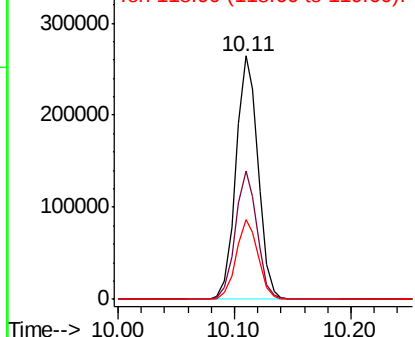
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010872.D
Acq: 15 Jul 2019 10:25

Instrument :
MSVOA_X
ClientSampleId :
TB-7-12-19

Tot Ion:117 Resp: 350172
Ion Ratio Lower Upper
117 100
82 52.7 41.2 61.8
119 32.5 25.5 38.3

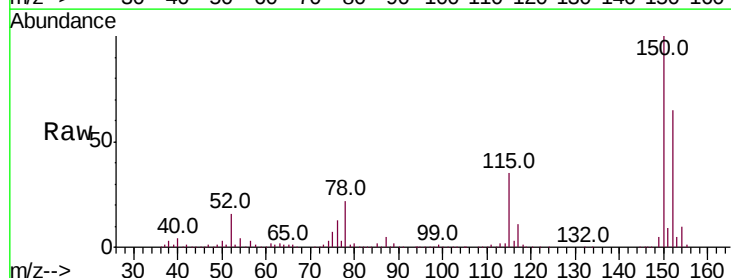


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010872.D
Acq: 15 Jul 2019 10:25

Tgt Ion:152 Resp: 162556
Ion Ratio Lower Upper
152 100
115 54.7 38.6 115.7
150 156.3 0.0 347.4



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

