

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071019\
 Data File : VX010769.D
 Acq On : 10 Jul 2019 12:06
 Operator : JC/SP
 Sample : K3732-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LC-TB01-190709

Quant Time: Jul 11 01:39:09 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	224542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	323831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146561	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113465	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	5.50	113	108561	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.71	98	419187	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	141097	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

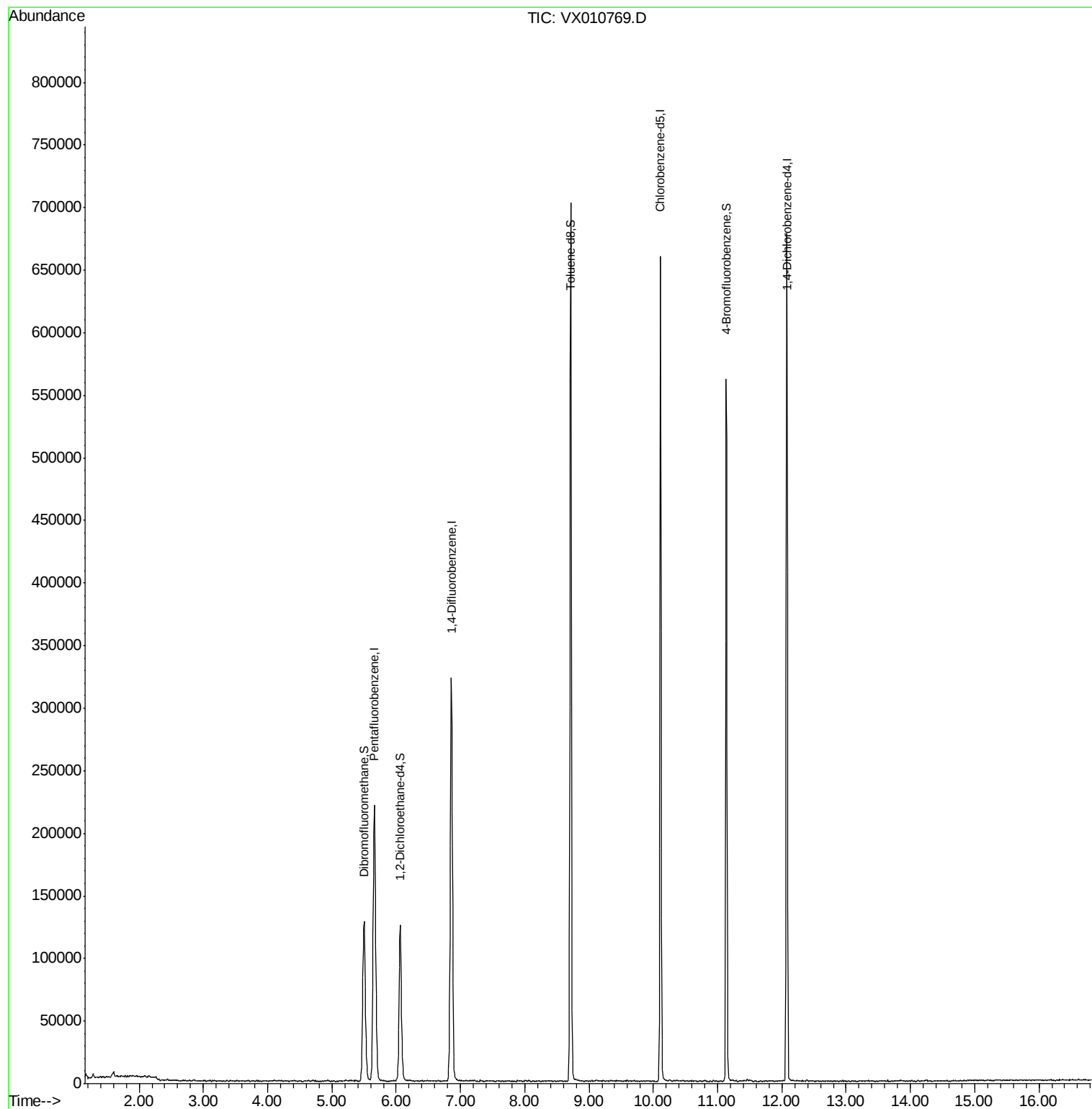
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010769.D

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MSVOA_X

ClientSampleId :

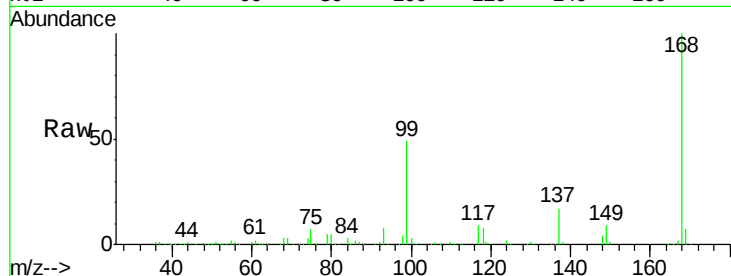
LC-TB01-190709

Tgt Ion: 168 Resp: 224542

Ion Ratio Lower Upper

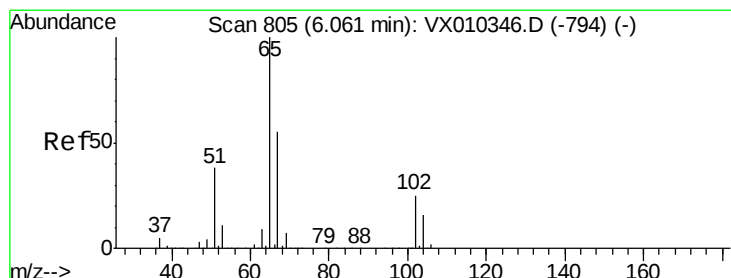
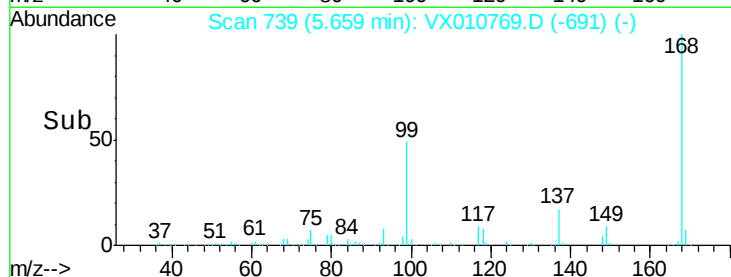
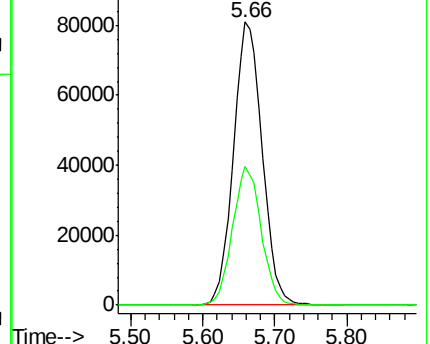
168 100

99 48.8 35.5 53.3



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: 53.895 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010769.D

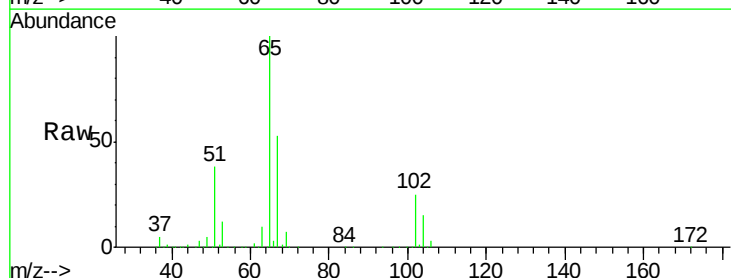
Acq: 10 Jul 2019 12:06

Tgt Ion: 65 Resp: 113465

Ion Ratio Lower Upper

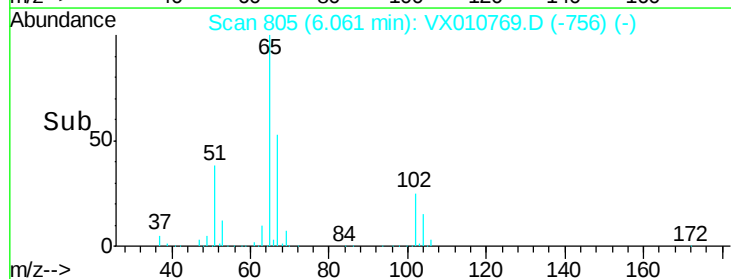
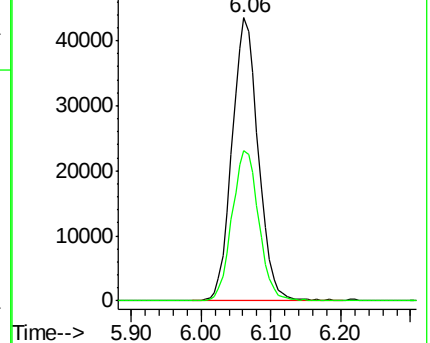
65 100

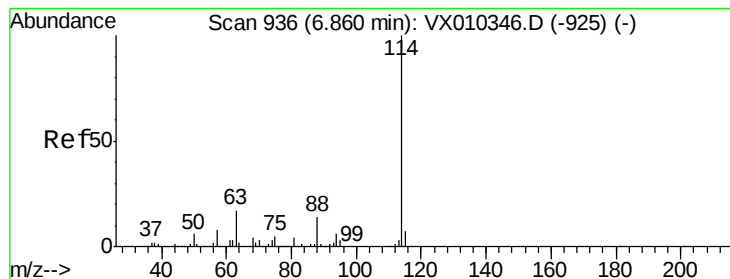
67 54.1 0.0 110.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010769.D

Acq: 10 Jul 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

LC-TB01-190709

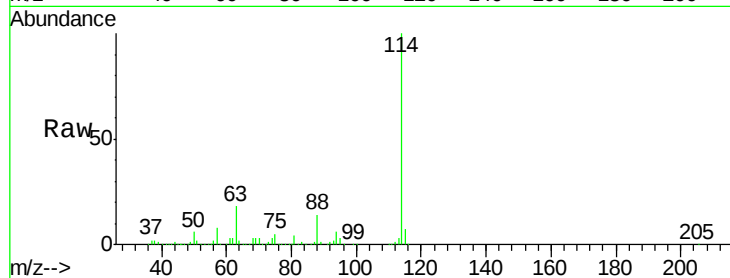
Tgt Ion:114 Resp: 351650

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 14.2 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

200000

150000

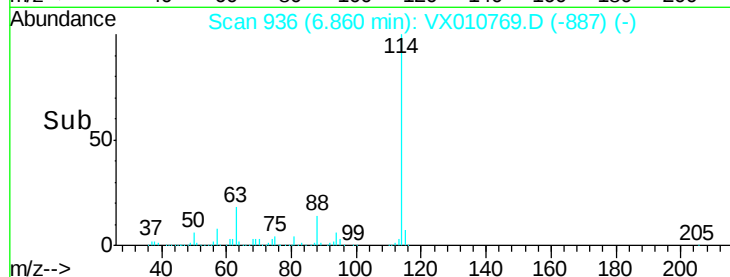
100000

50000

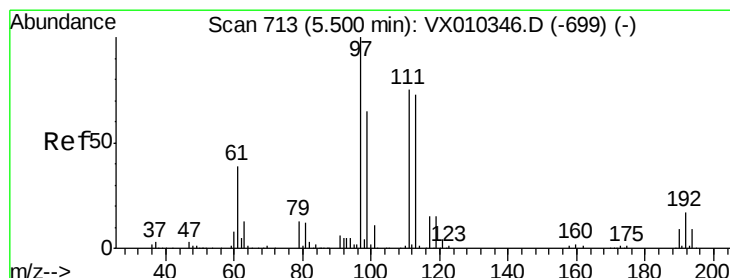
0

6.86

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 50.458 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010769.D

Acq: 10 Jul 2019 12:06

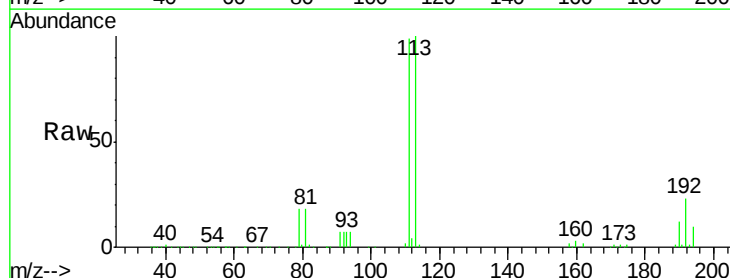
Tgt Ion:113 Resp: 108561

Ion Ratio Lower Upper

113 100

111 100.8 81.2 121.8

192 22.2 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

50000

40000

30000

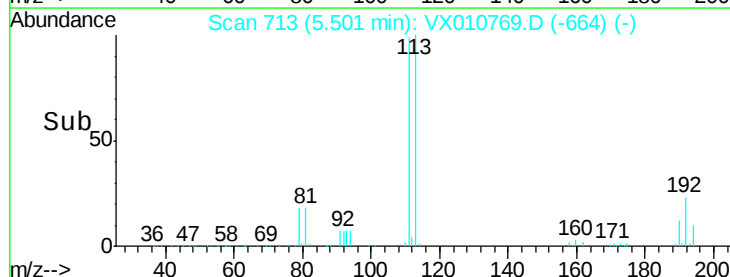
20000

10000

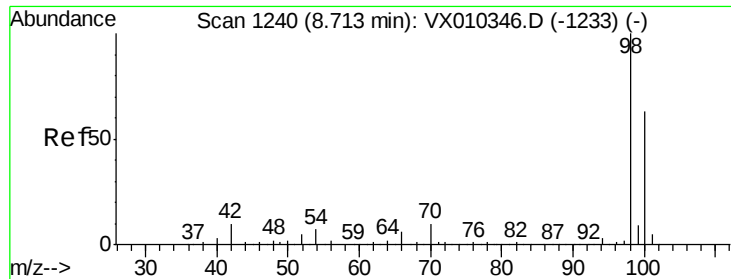
0

5.50

5.40 5.50 5.60



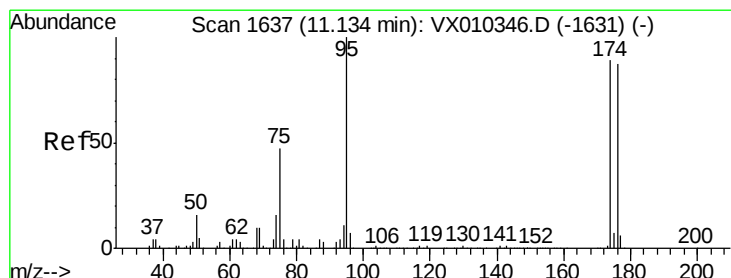
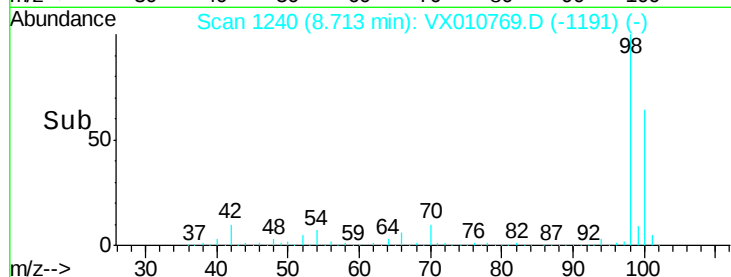
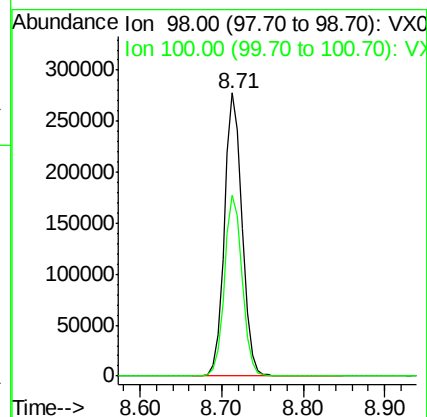
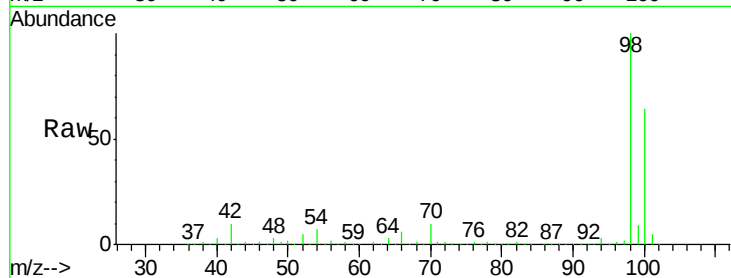
Time-->



#50
Toluene-d8
Concen: 50.926 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

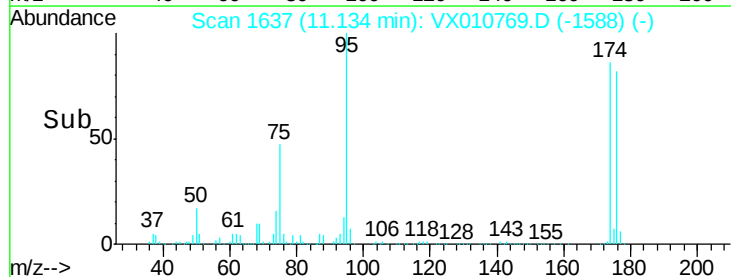
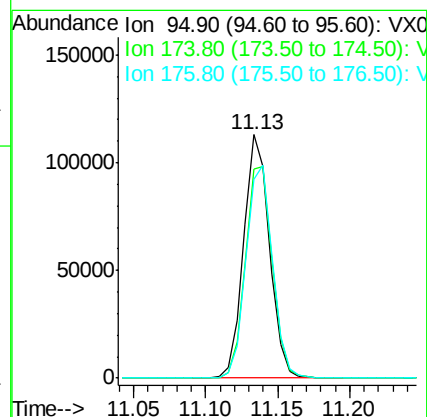
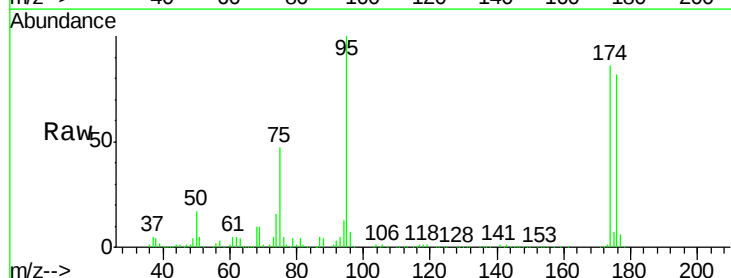
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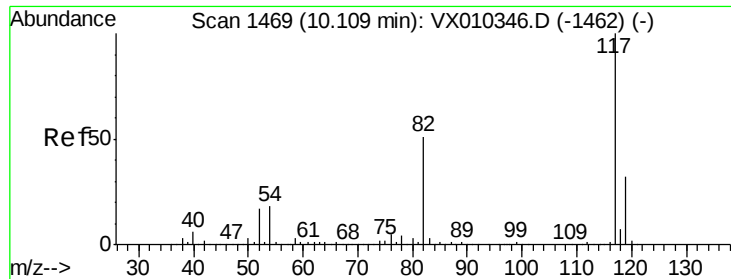
Tgt Ion: 98 Resp: 419187
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.480 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

Tgt Ion: 95 Resp: 141097
Ion Ratio Lower Upper
95 100
174 90.7 0.0 187.6
176 89.5 0.0 184.0

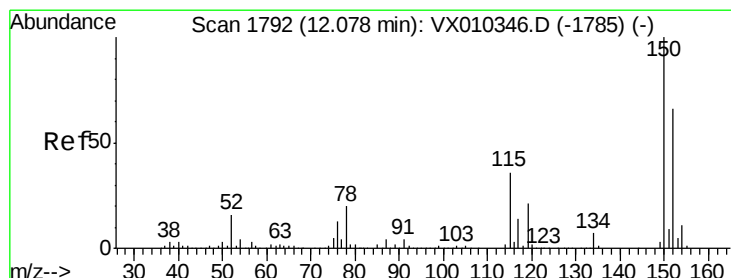
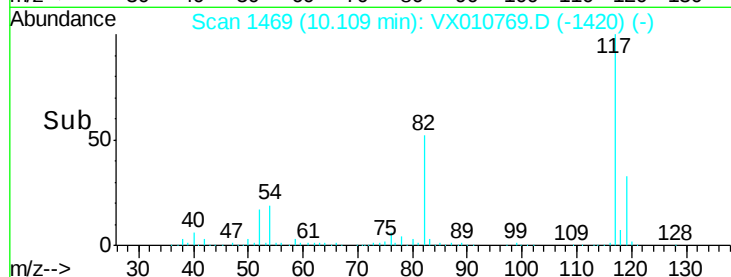
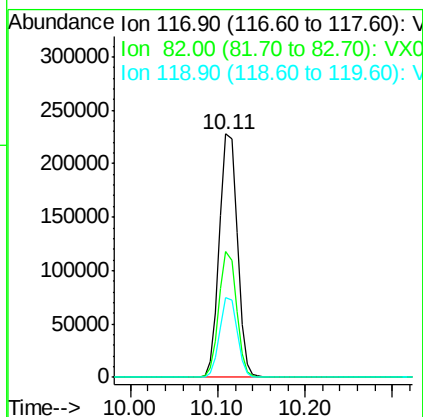
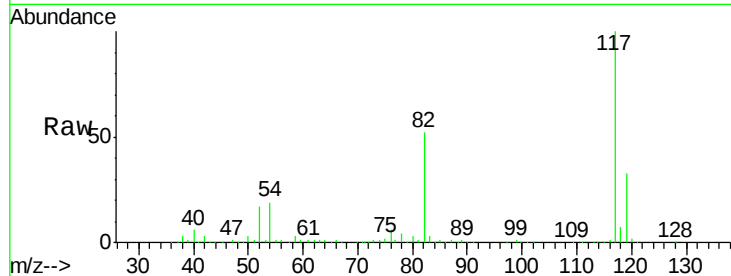




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
LC-TB01-190709

Tgt Ion:117 Resp: 323831
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010769.D
Acq: 10 Jul 2019 12:06

Tgt Ion:152 Resp: 146561
Ion Ratio Lower Upper
152 100
115 54.3 38.6 115.7
150 157.5 0.0 347.4

