

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005901.D
 Acq On : 12 Nov 2018 15:34
 Operator : JC/MD
 Sample : J5899-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-EB-2018-2

Quant Time: Nov 13 11:39:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

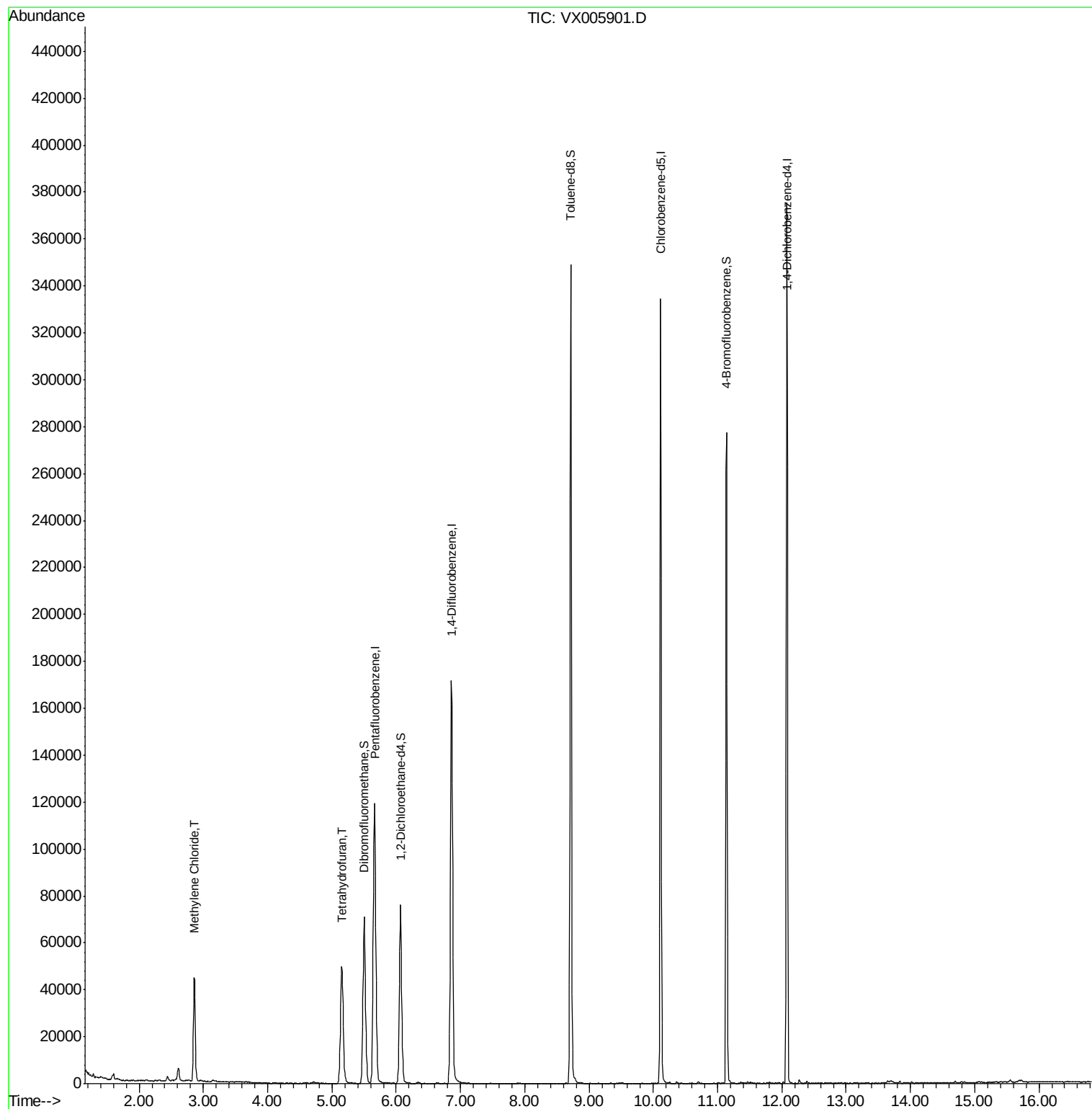
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	177632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	157716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70541	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	5.50	113	57821	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	8.71	98	210728	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.14	95	71916	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
Target Compounds						
20) Methylene Chloride	2.85	84	19953	15.959	ug/l	94
29) Tetrahydrofuran	5.15	42	47467	61.783	ug/l	98

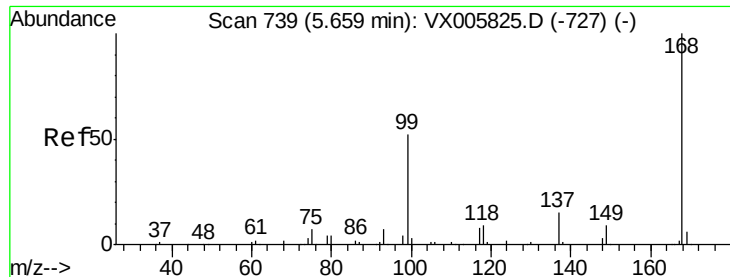
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005901.D

Acq: 12 Nov 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

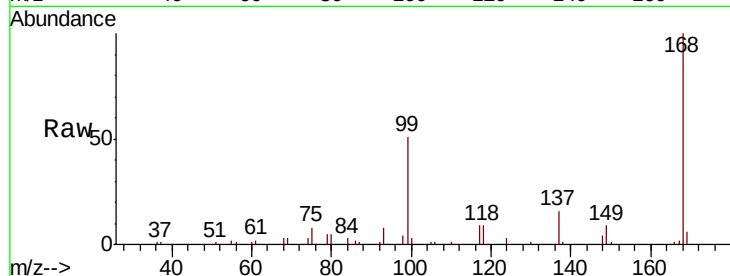
S36-EB-2018-2

Tot Ion:168 Resp: 122959

Ion Ratio Lower Upper

168 100

99 51.1 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

40000

30000

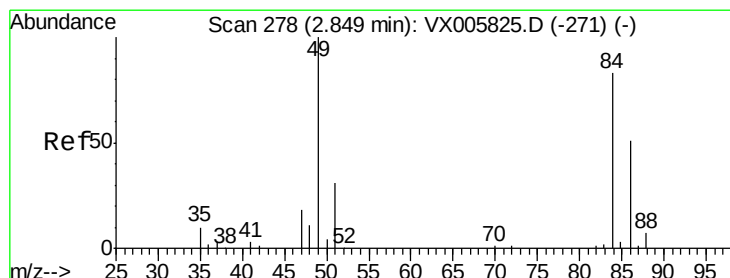
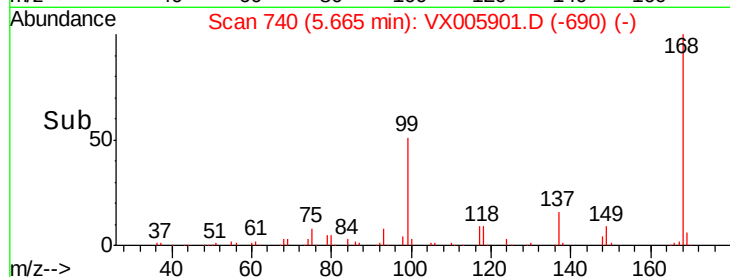
20000

10000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#20

Methylene Chloride

Concen: 15.959 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX005901.D

Acq: 12 Nov 2018 15:34

Tgt Ion: 84 Resp: 19953

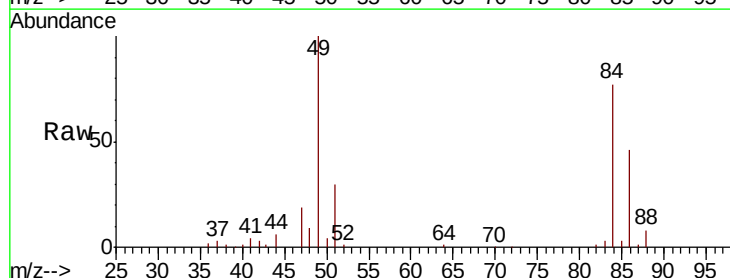
Ion Ratio Lower Upper

84 100

49 129.2 109.5 164.3

51 38.7 33.3 49.9

86 60.0 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

20000

15000

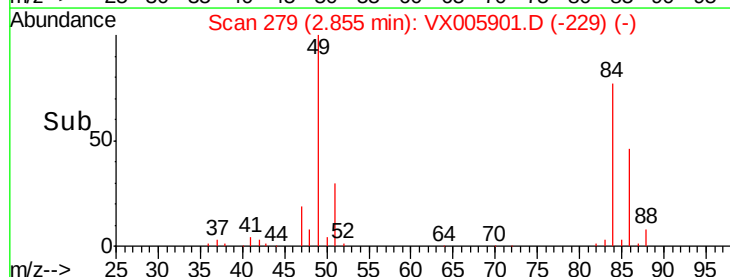
10000

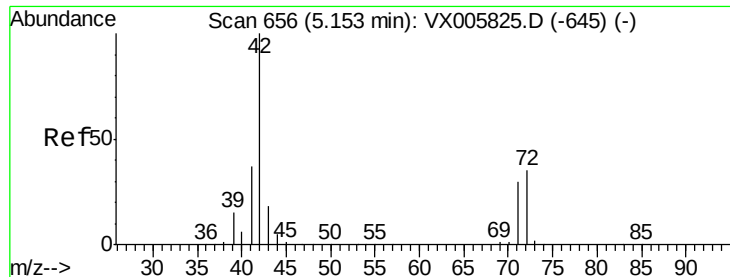
5000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#29

Tetrahydrofuran

Concen: 61.783 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005901.D

Acq: 12 Nov 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-EB-2018-2

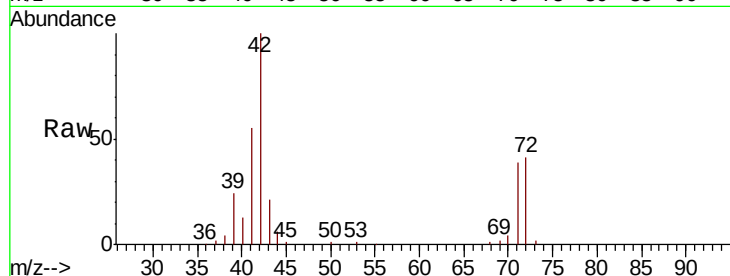
Tot Ion: 42 Resp: 47467

Ion Ratio Lower Upper

42 100

72 40.2 32.0 48.0

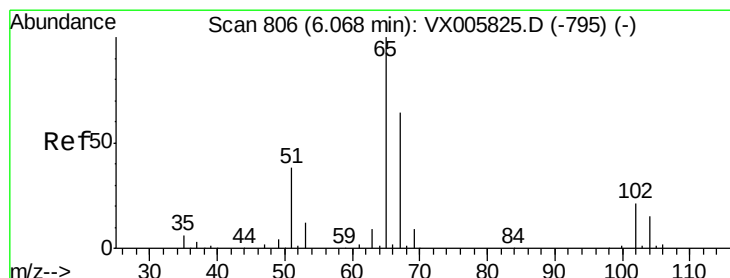
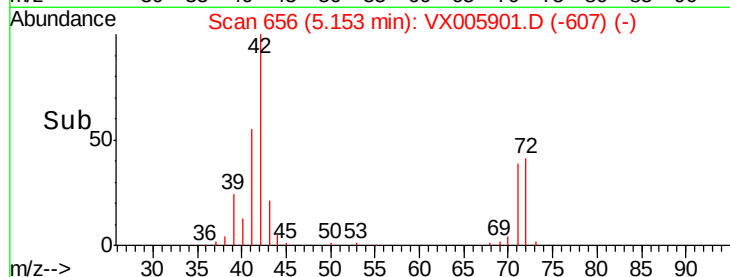
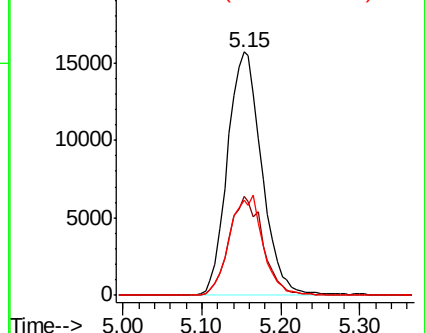
71 39.9 29.8 44.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.903 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005901.D

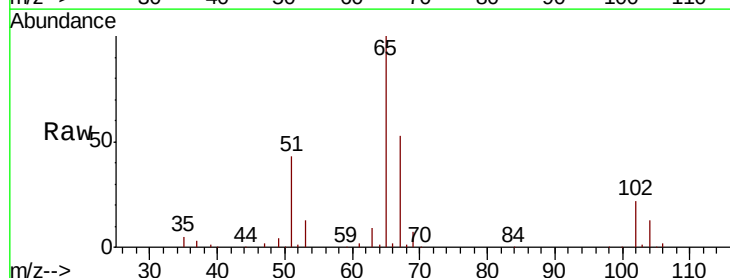
Acq: 12 Nov 2018 15:34

Tgt Ion: 65 Resp: 70541

Ion Ratio Lower Upper

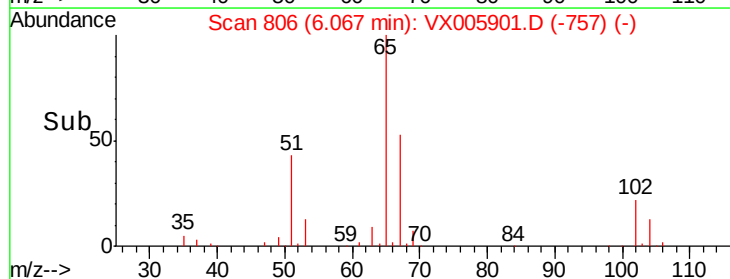
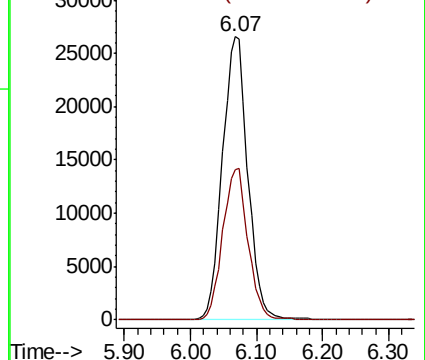
65 100

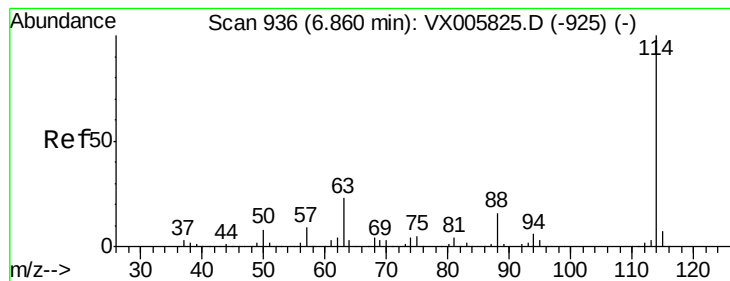
67 53.3 0.0 105.0



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: VX005901.D

Acq: 12 Nov 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

S36-EB-2018-2

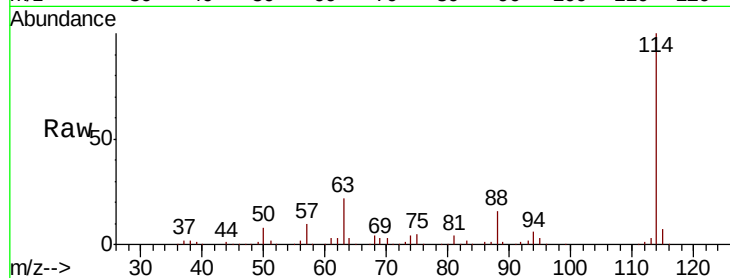
Tot Ion:114 Resp: 177632

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.8

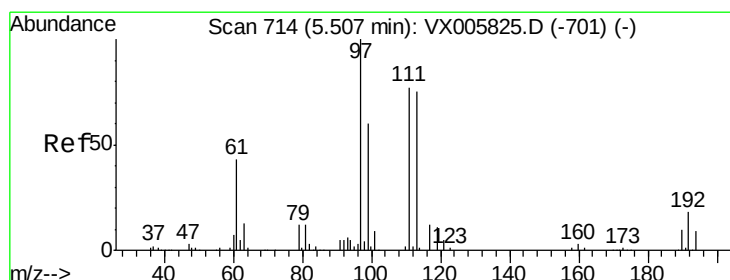
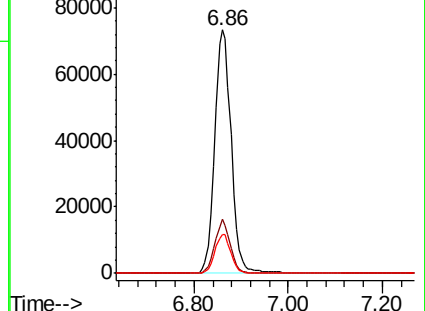
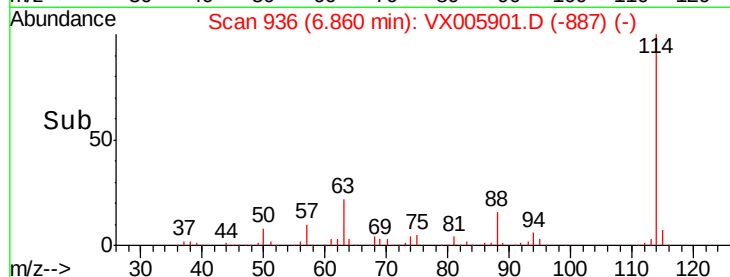
88 15.8 0.0 31.2



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: 47.859 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005901.D

Acq: 12 Nov 2018 15:34

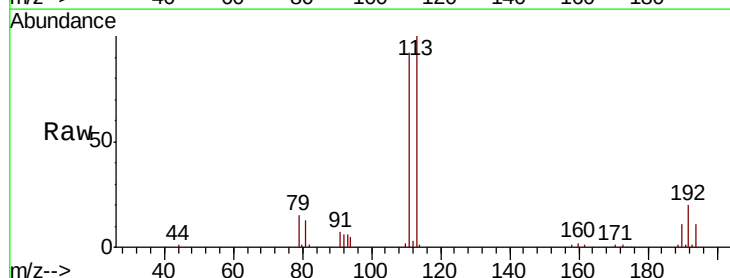
Tgt Ion:113 Resp: 57821

Ion Ratio Lower Upper

113 100

111 100.1 82.3 123.5

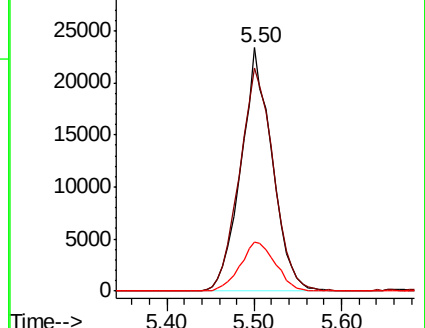
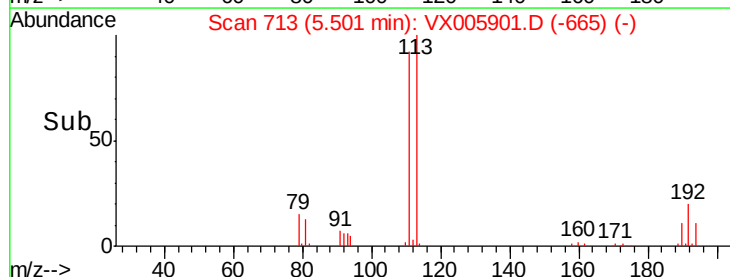
192 22.8 17.9 26.9

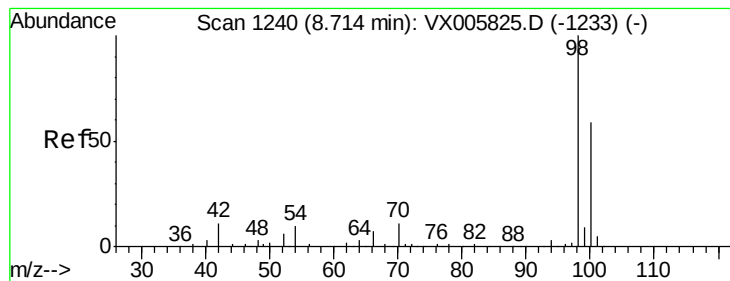


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.464 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005901.D

Acq: 12 Nov 2018 15:34

Instrument :

MSVOA_X

ClientSampleId :

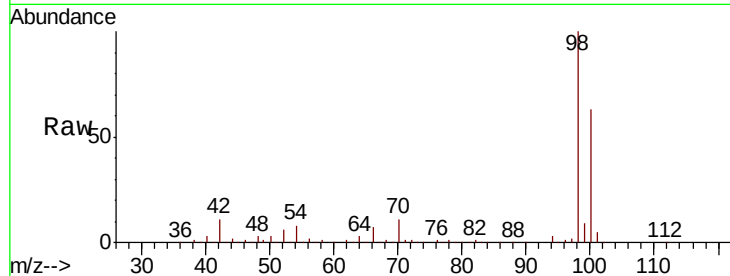
S36-EB-2018-2

Tot Ion: 98 Resp: 210728

Ion Ratio Lower Upper

98 100

100 62.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

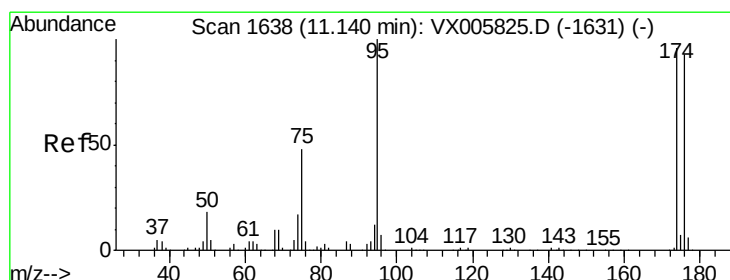
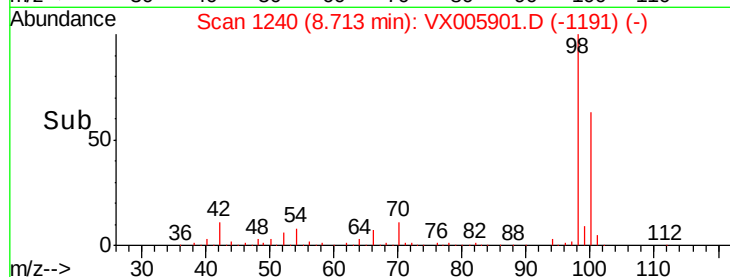
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.799 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005901.D

Acq: 12 Nov 2018 15:34

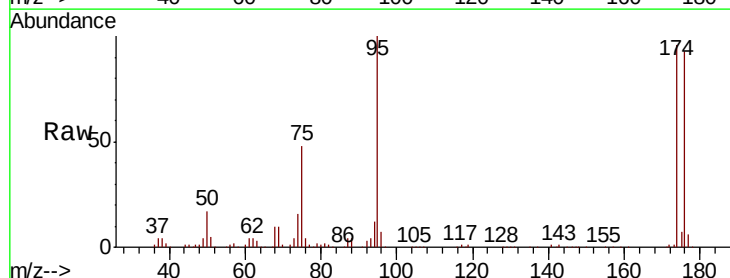
Tgt Ion: 95 Resp: 71916

Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

176 88.9 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

11.14

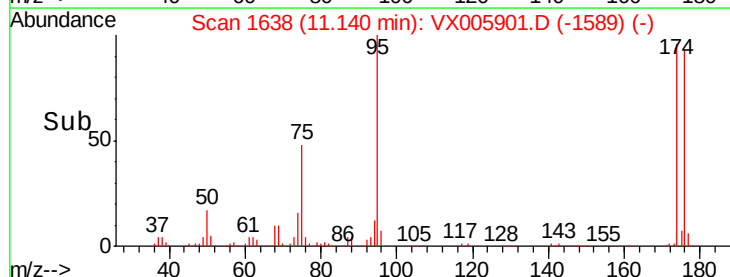
60000

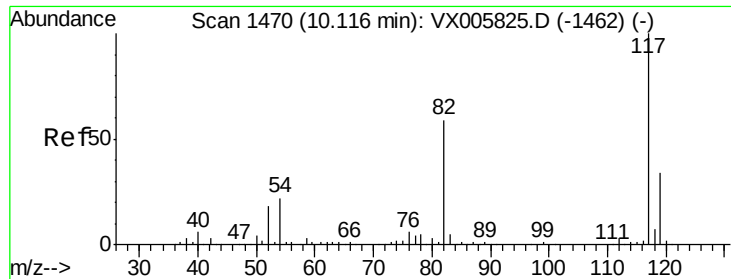
40000

20000

0

Time-->

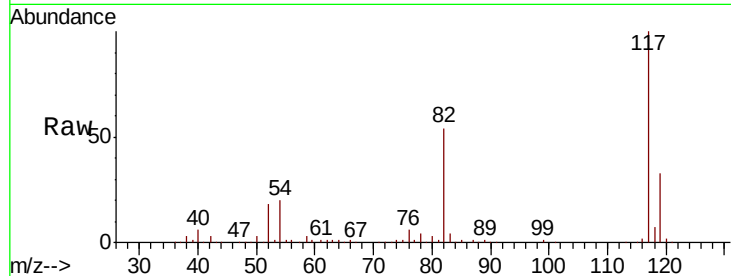




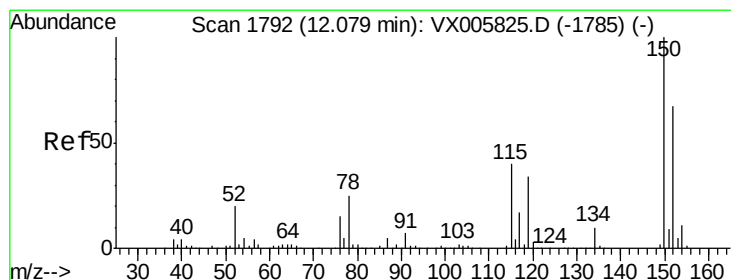
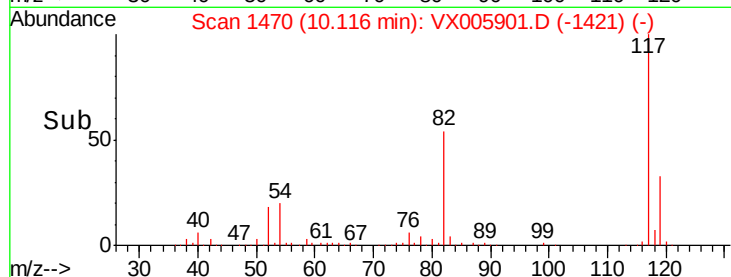
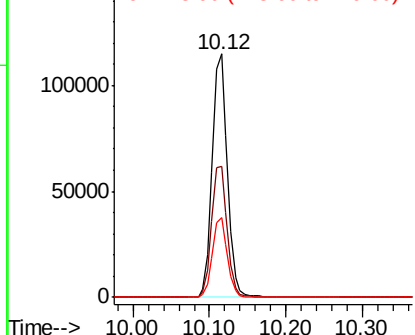
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005901.D
Acq: 12 Nov 2018 15:34

Instrument :
MSVOA_X
ClientSampled :
S36-EB-2018-2

Tot Ion:117 Resp: 157716
Ion Ratio Lower Upper
117 100
82 53.9 44.1 66.1
119 33.0 26.2 39.2

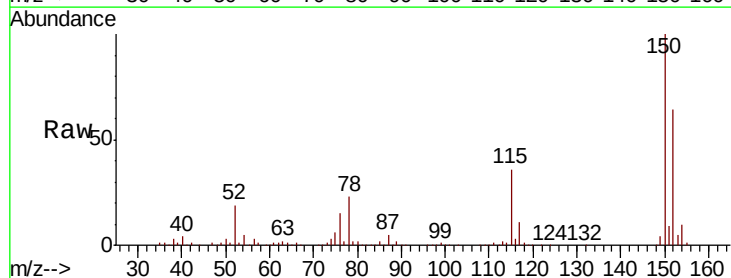


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005901.D
Acq: 12 Nov 2018 15:34

Tgt Ion:152 Resp: 78389
Ion Ratio Lower Upper
152 100
115 55.7 39.4 118.1
150 156.0 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

