

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000666.D
 Acq On : 04 Apr 2018 19:35
 Operator : JC/MD
 Sample : VX0404WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBL01

Quant Time: Apr 05 05:33:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	90473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	157538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	69989	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	5.51	113	48709	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
50) Toluene-d8	8.73	98	200835	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	
62) 4-Bromofluorobenzene	11.15	95	69812	38.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.14%	

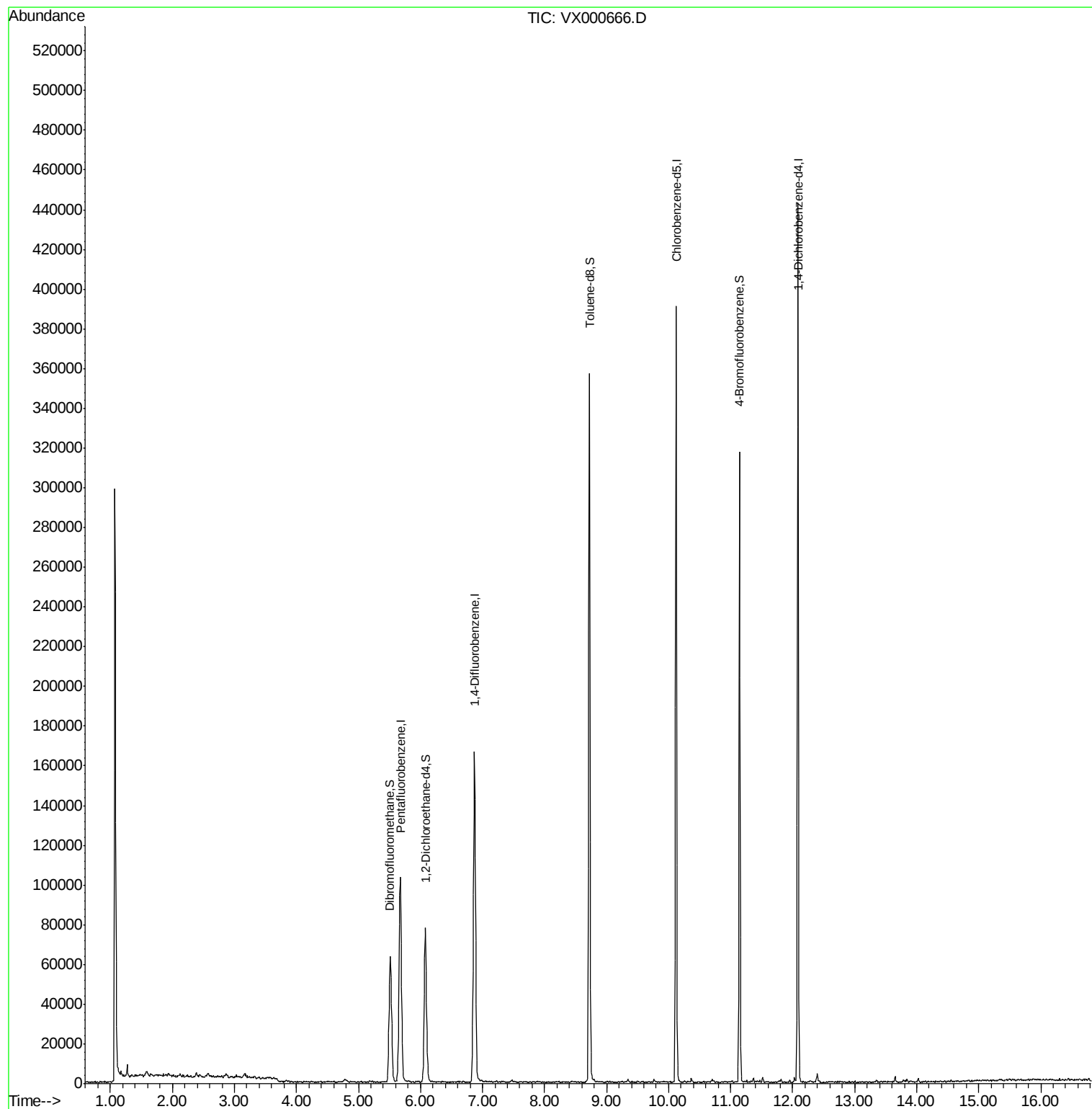
Target Compounds	Qvalue
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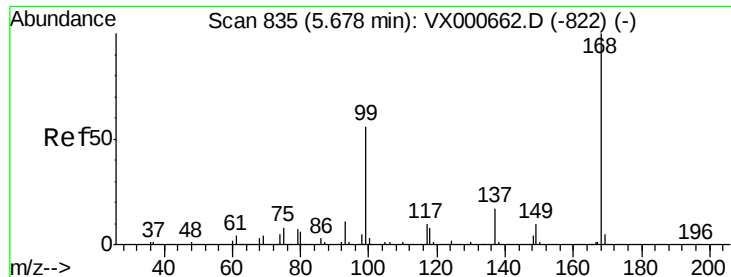
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampleId :

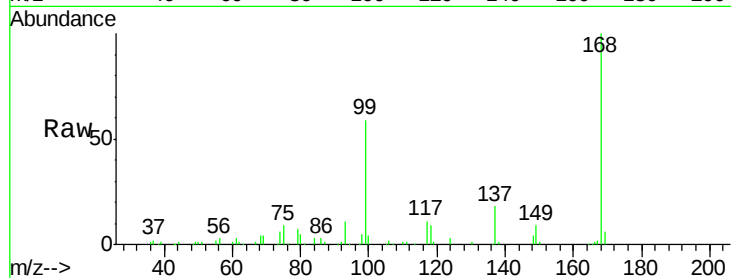
VX0404WBL01

Tot Ion:168 Resp: 90473

Ion Ratio Lower Upper

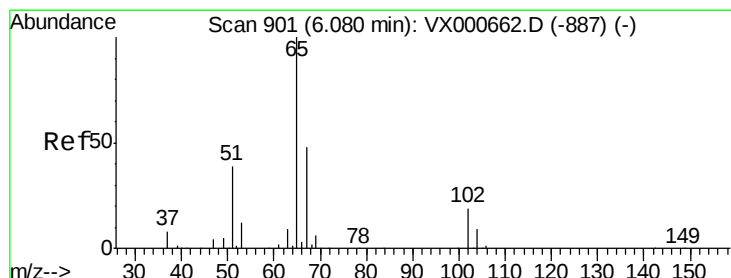
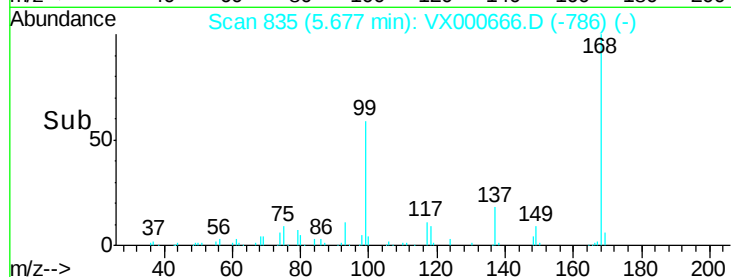
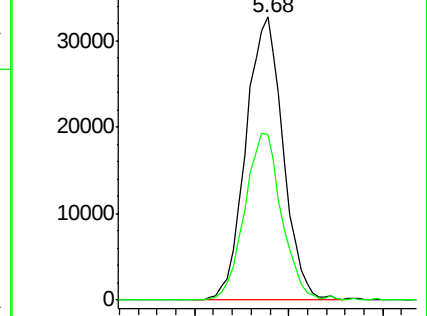
168 100

99 58.7 44.7 67.1



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: 45.53 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000666.D

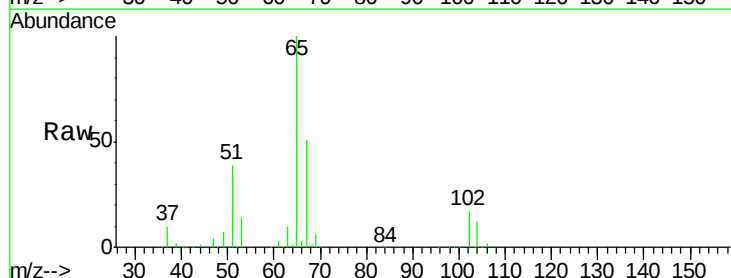
Acq: 04 Apr 2018 19:35

Tgt Ion: 65 Resp: 69989

Ion Ratio Lower Upper

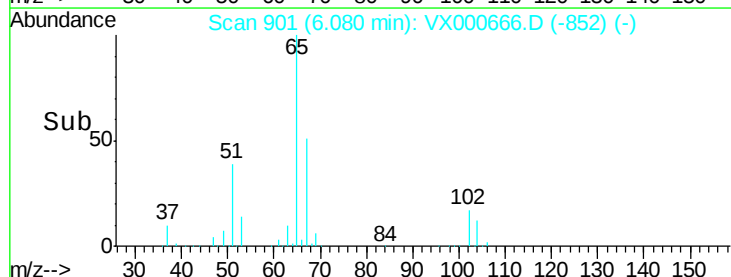
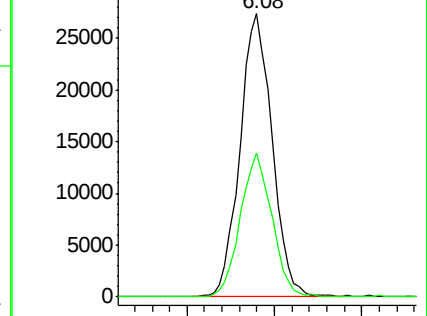
65 100

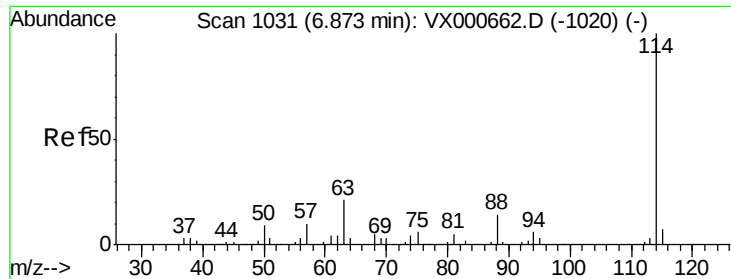
67 49.8 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

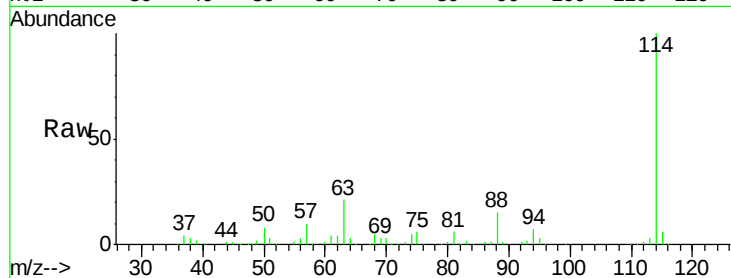




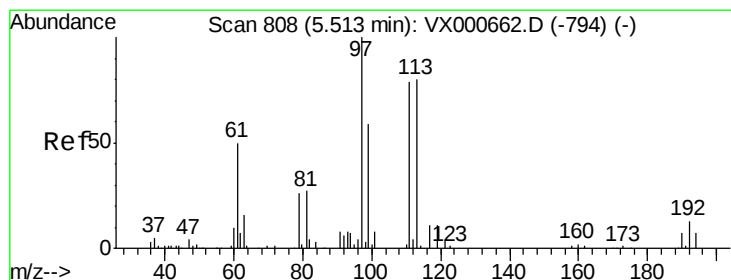
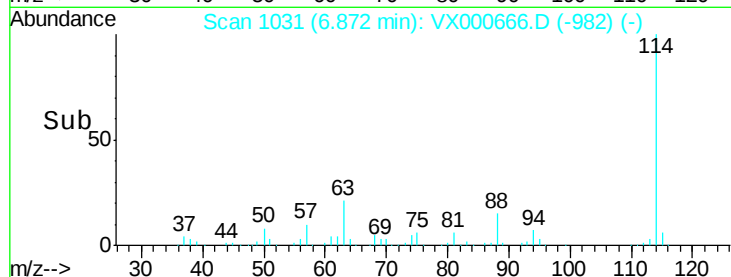
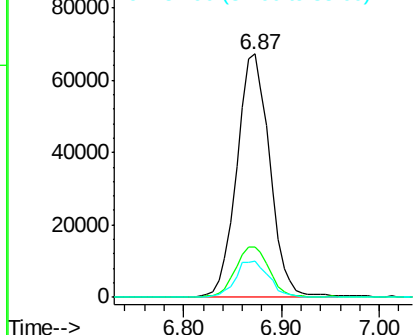
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBL01

Tot Ion:114 Resp: 157538
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.6
 88 15.0 0.0 28.6

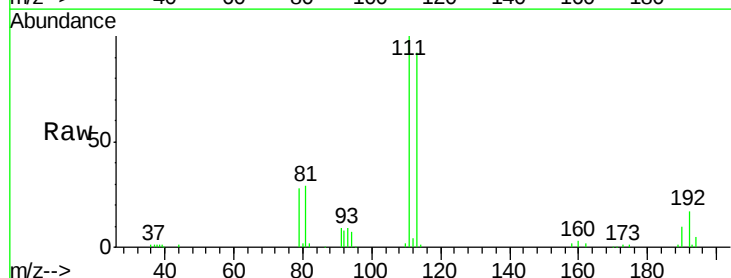


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

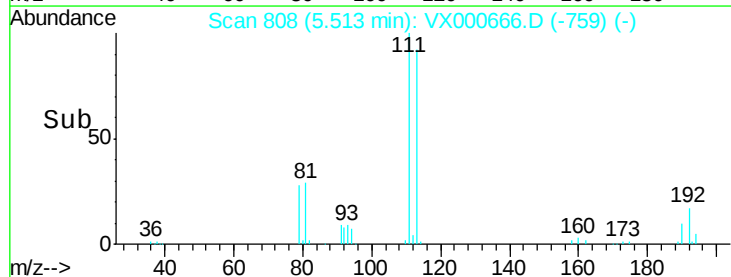
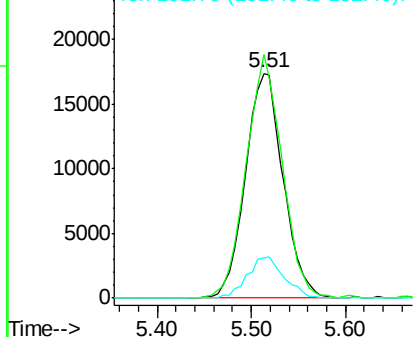


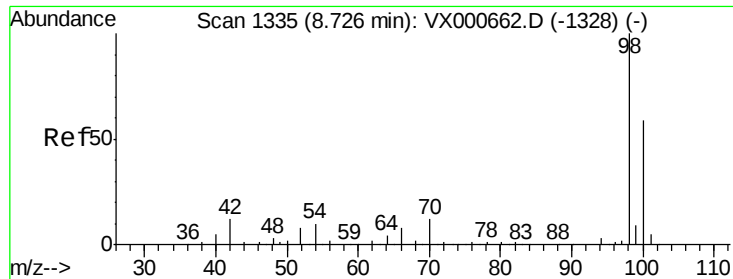
#35
 Dibromofluoromethane
 Concen: 45.29 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000666.D
 Acq: 04 Apr 2018 19:35

Tgt Ion:113 Resp: 48709
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.0 123.0
 192 17.9 14.3 21.5



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: 43.92 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

Instrument :

MSVOA_X

ClientSampled :

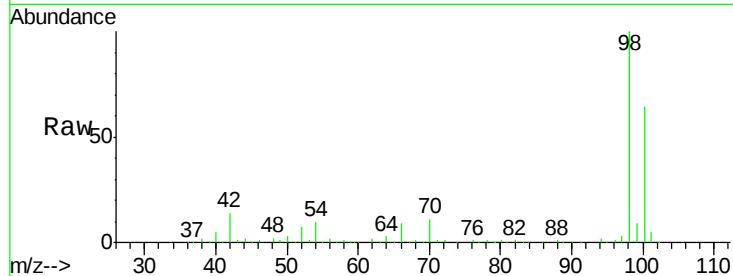
VX0404WBL01

Tot Ion: 98 Resp: 200835

Ion Ratio Lower Upper

98 100

100 62.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

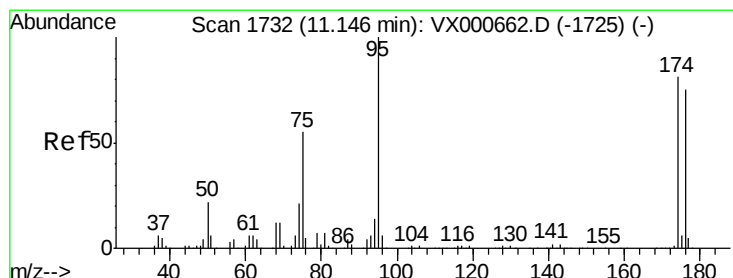
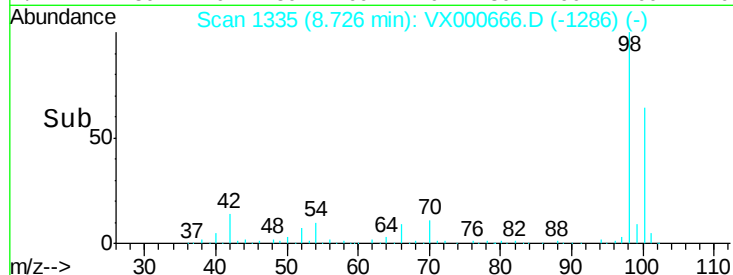
100000

50000

0

8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 38.57 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000666.D

Acq: 04 Apr 2018 19:35

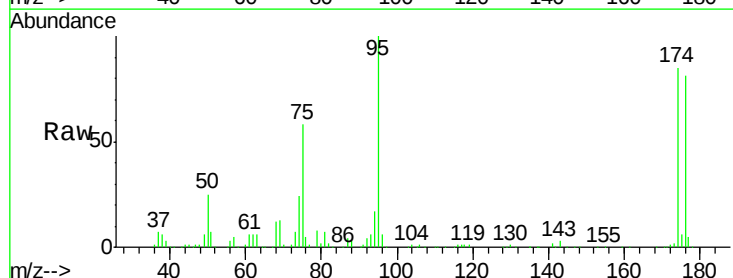
Tgt Ion: 95 Resp: 69812

Ion Ratio Lower Upper

95 100

174 83.9 0.0 156.8

176 77.7 0.0 150.6



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

60000

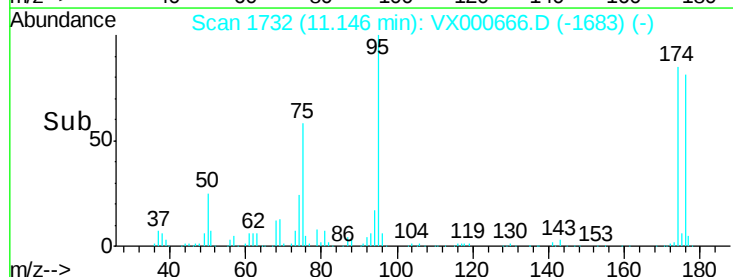
40000

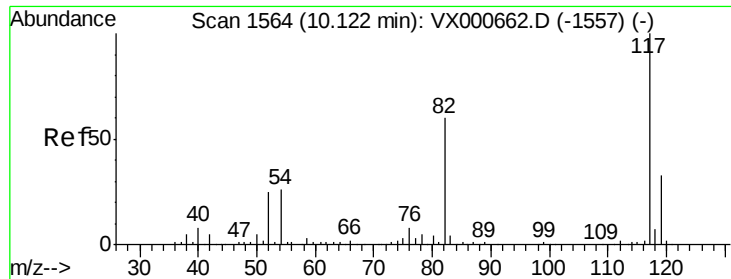
20000

0

11.10 11.15 11.20

Time-->

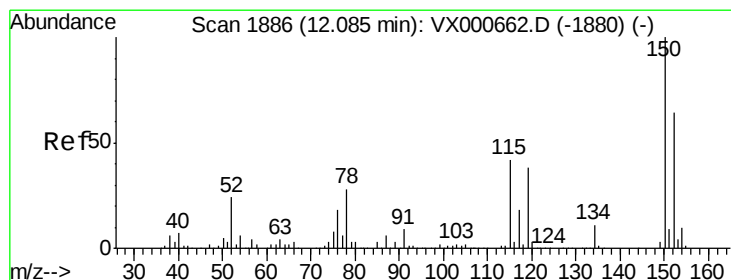
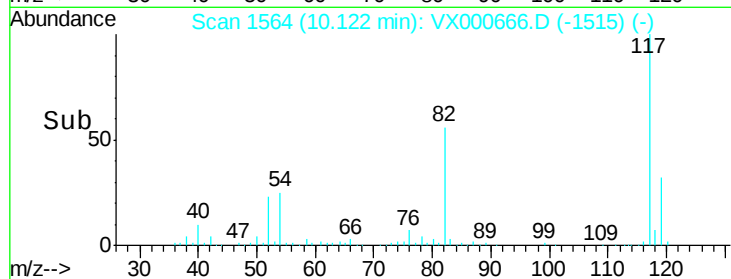
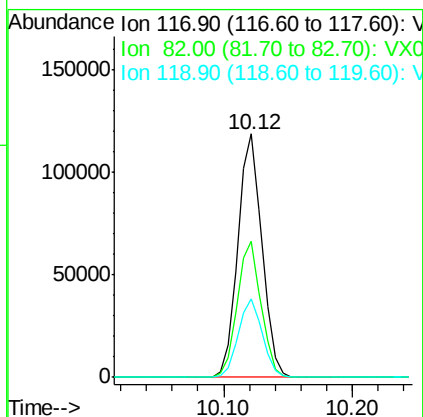
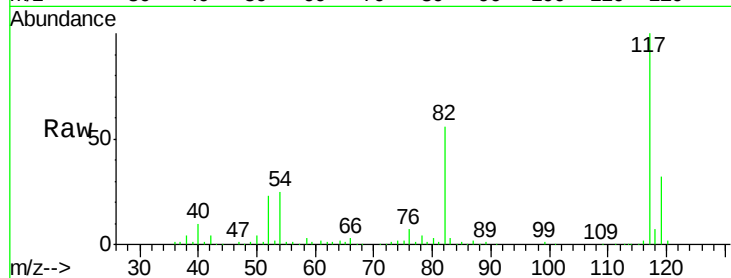




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

Instrument :
MSVOA_X
ClientSampleId :
VX0404WBL01

Tot Ion:117 Resp: 154461
Ion Ratio Lower Upper
117 100
82 56.0 48.3 72.5
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000666.D
Acq: 04 Apr 2018 19:35

Tgt Ion:152 Resp: 77723
Ion Ratio Lower Upper
152 100
115 58.5 41.9 125.8
150 154.9 0.0 348.0

