

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005884.D
 Acq On : 10 Nov 2018 02:11
 Operator : JC/MD
 Sample : J5889-07
 Misc : 10.71g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP

Quant Time: Nov 12 02:22:25 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

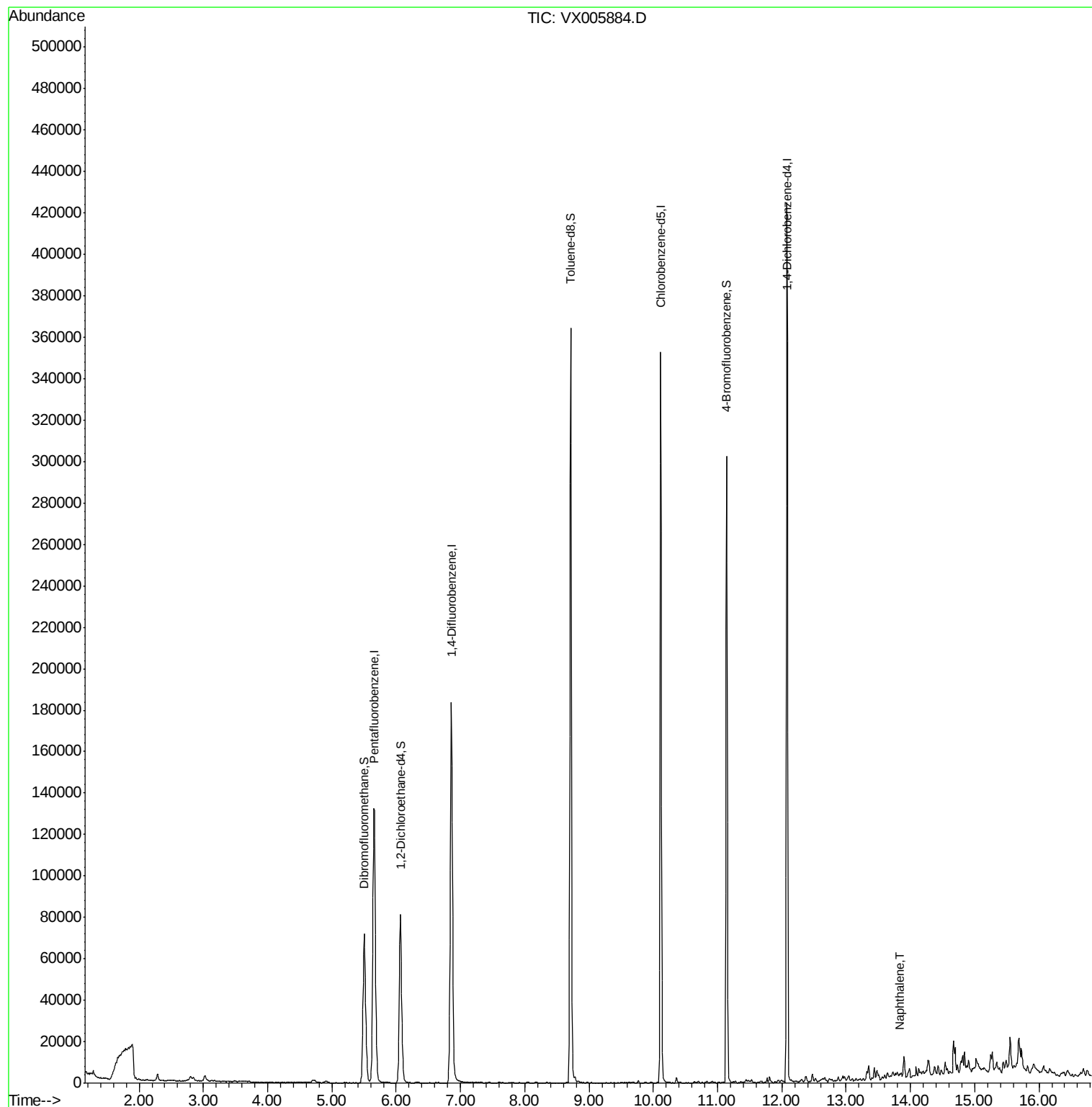
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	134935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	190719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	168238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	78291	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	5.50	113	62247	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	222168	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.14	95	78885	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
Target Compounds						
95) Naphthalene	13.83	128	1811	1.458	ug/l	Qvalue 98

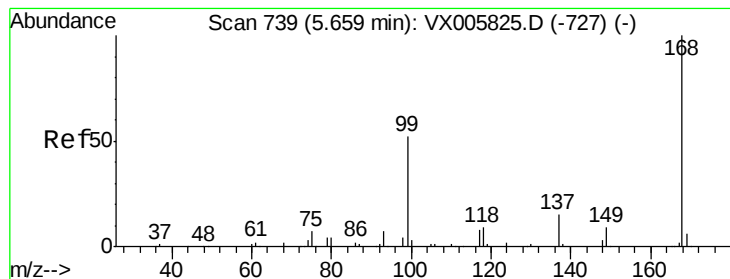
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005884.D

Acq: 10 Nov 2018 02:11

Instrument :

MSVOA_X

ClientSampled :

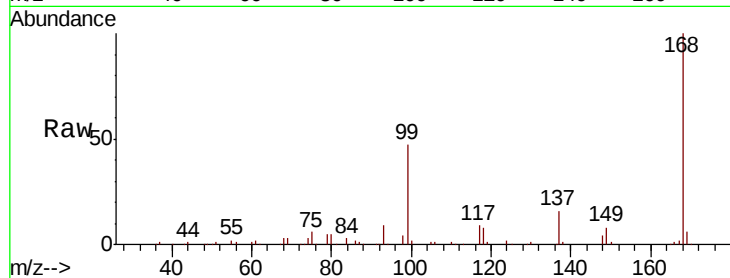
DUP

Tot Ion:168 Resp: 134935

Ion Ratio Lower Upper

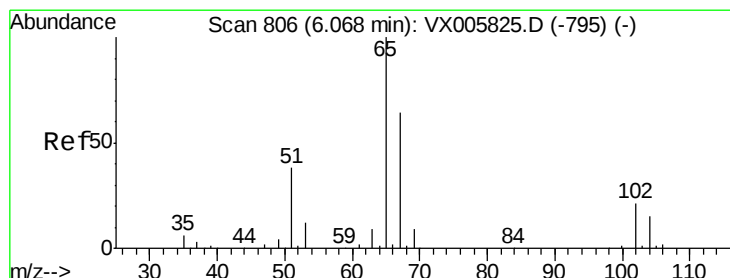
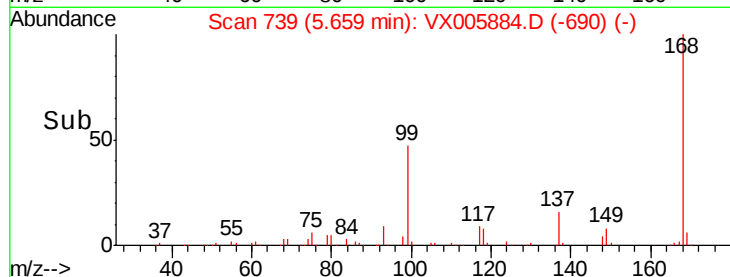
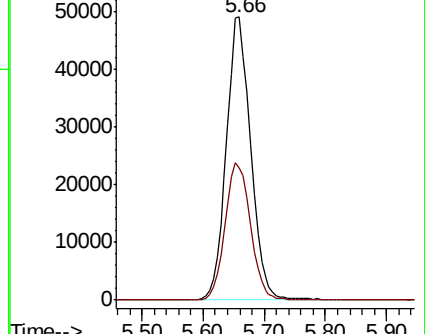
168 100

99 46.7 40.7 61.1



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: 50.470 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005884.D

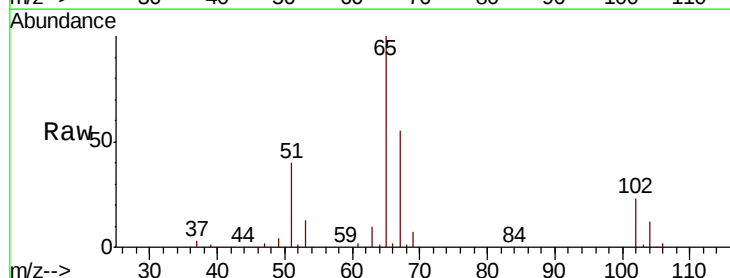
Acq: 10 Nov 2018 02:11

Tgt Ion: 65 Resp: 78291

Ion Ratio Lower Upper

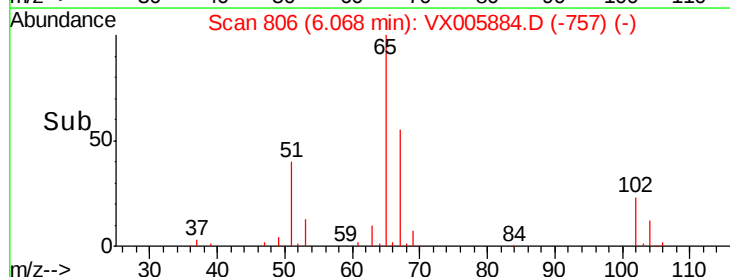
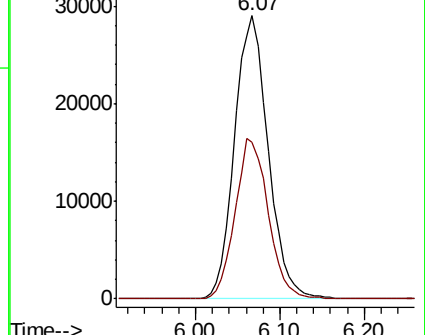
65 100

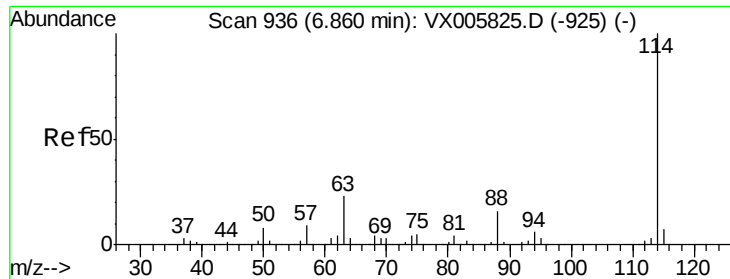
67 55.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

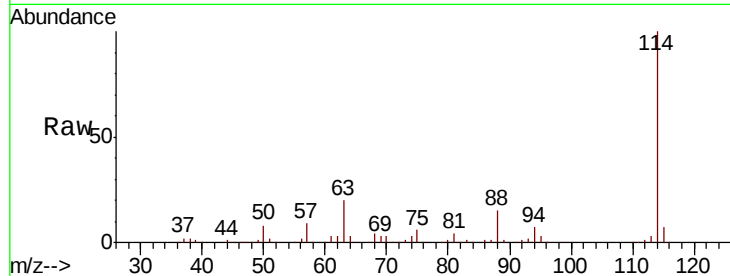




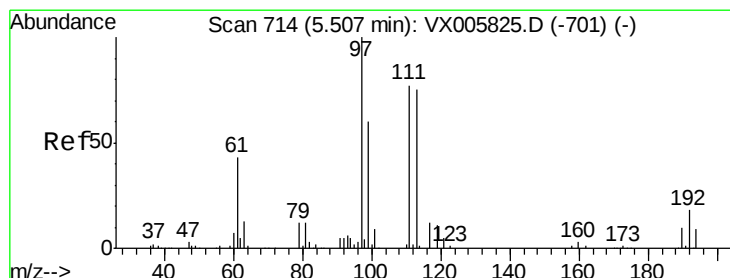
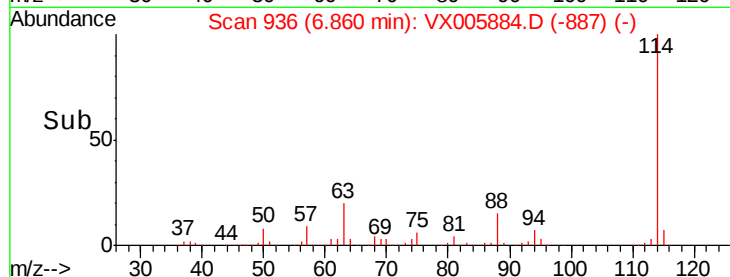
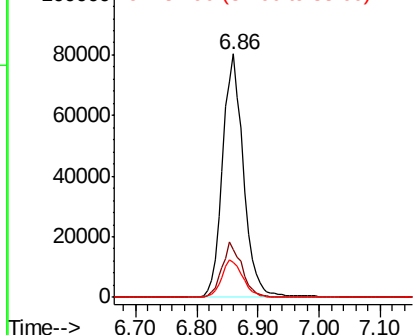
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005884.D
 Acq: 10 Nov 2018 02:11

Instrument :
 MSVOA_X
 ClientSampled :
 DUP

Tot Ion:114 Resp: 190719
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.8
 88 14.6 0.0 31.2

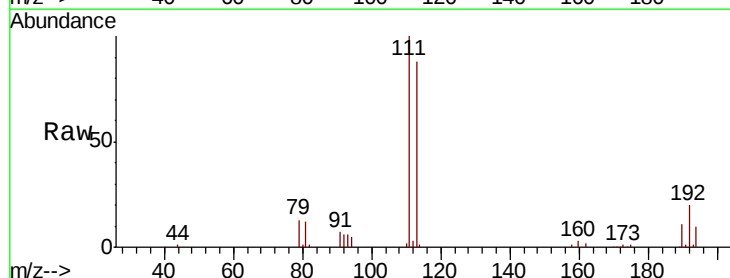


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

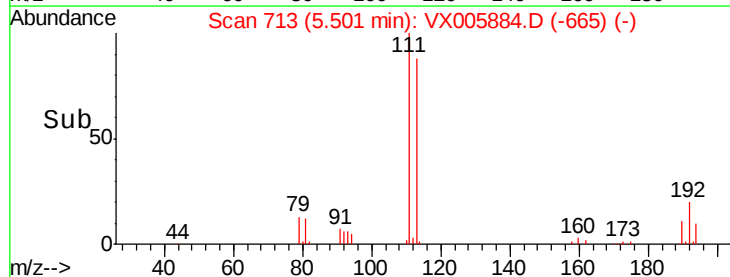
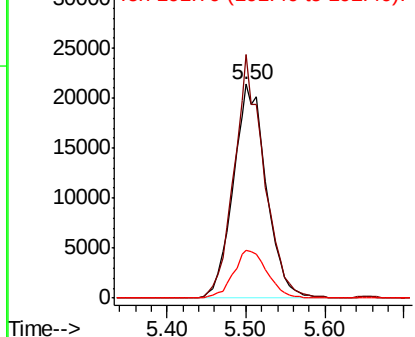


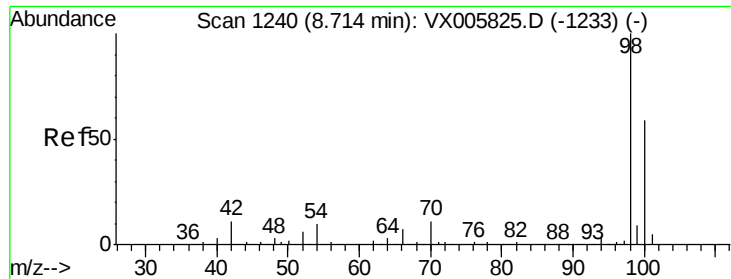
#35
 Dibromofluoromethane
 Concen: 47.987 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005884.D
 Acq: 10 Nov 2018 02:11

Tgt Ion:113 Resp: 62247
 Ion Ratio Lower Upper
 113 100
 111 102.9 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: 51.517 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005884.D

Acq: 10 Nov 2018 02:11

Instrument :

MSVOA_X

ClientSampleId :

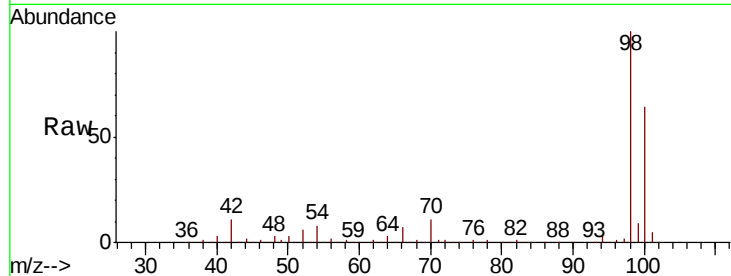
DUP

Tot Ion: 98 Resp: 222168

Ion Ratio Lower Upper

98 100

100 63.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

150000

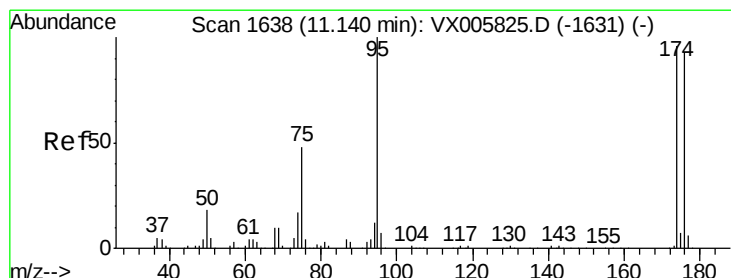
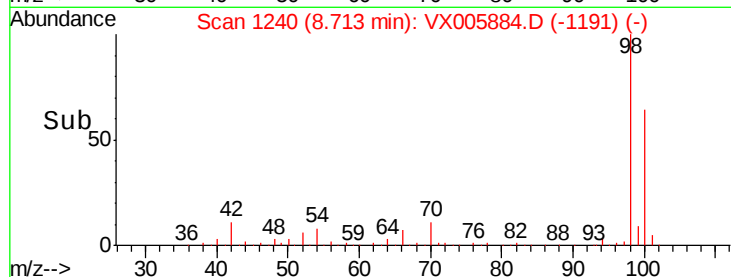
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 50.876 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005884.D

Acq: 10 Nov 2018 02:11

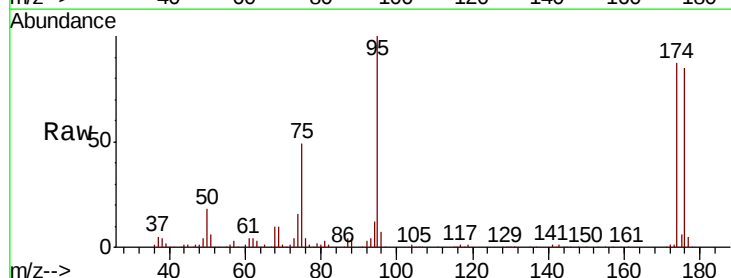
Tgt Ion: 95 Resp: 78885

Ion Ratio Lower Upper

95 100

174 90.5 0.0 184.4

176 87.7 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

80000

60000

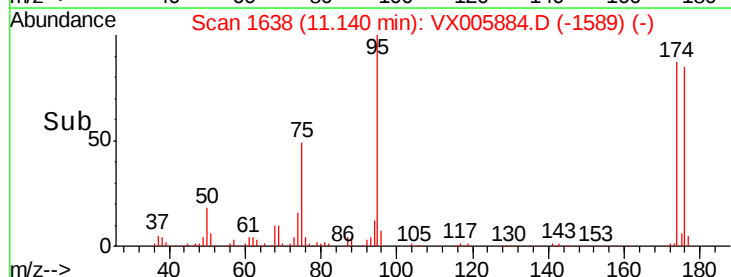
40000

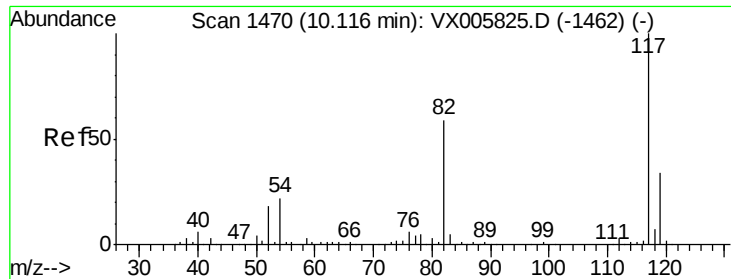
20000

0

11.10 11.20

Time-->

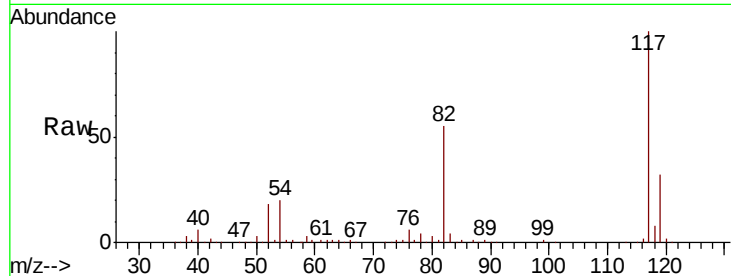




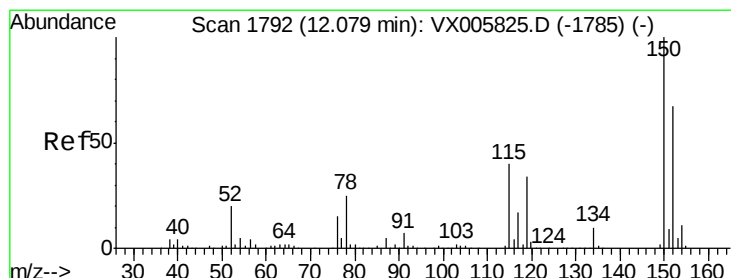
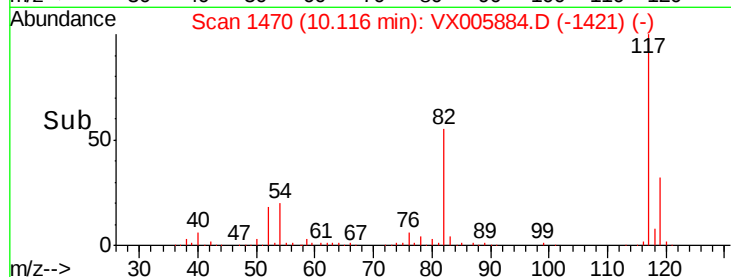
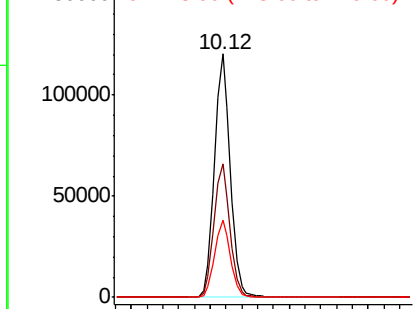
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
DUP

Tot Ion:117 Resp: 168238
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 31.8 26.2 39.2

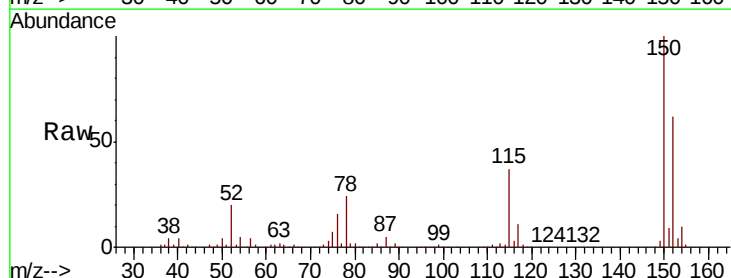


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

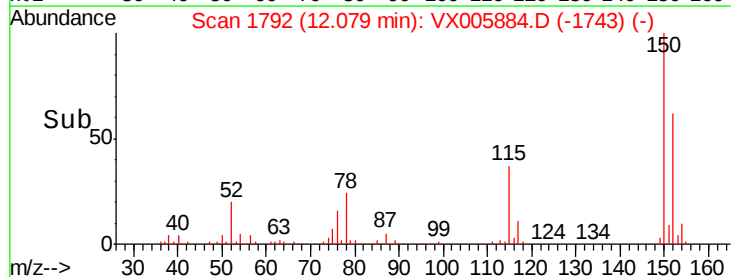
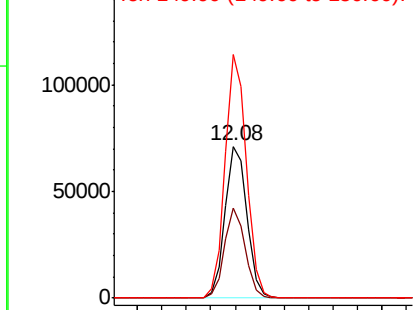


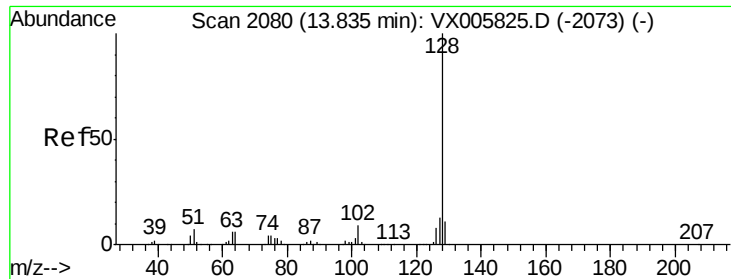
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Tgt Ion:152 Resp: 87747
Ion Ratio Lower Upper
152 100
115 56.6 39.4 118.1
150 156.8 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

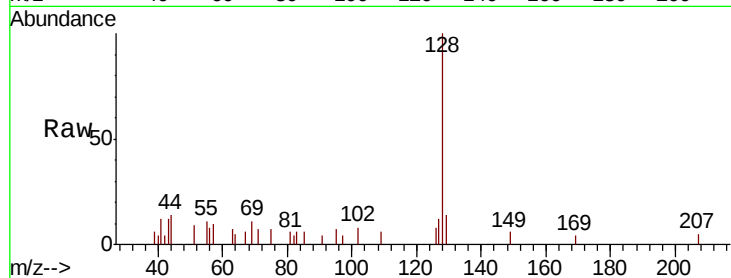




#95
Naphthalene
Concen: 1.458 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005884.D
Acq: 10 Nov 2018 02:11

Instrument :
MSVOA_X
ClientSampleId :
DUP

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	12.1	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

