

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005460.D
 Acq On : 19 Oct 2018 16:06
 Operator : JC/MD
 Sample : J5597-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Oct 22 09:24:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163713	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	154710	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	5.51	113	123013	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	8.71	98	443050	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.14	95	143911	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	

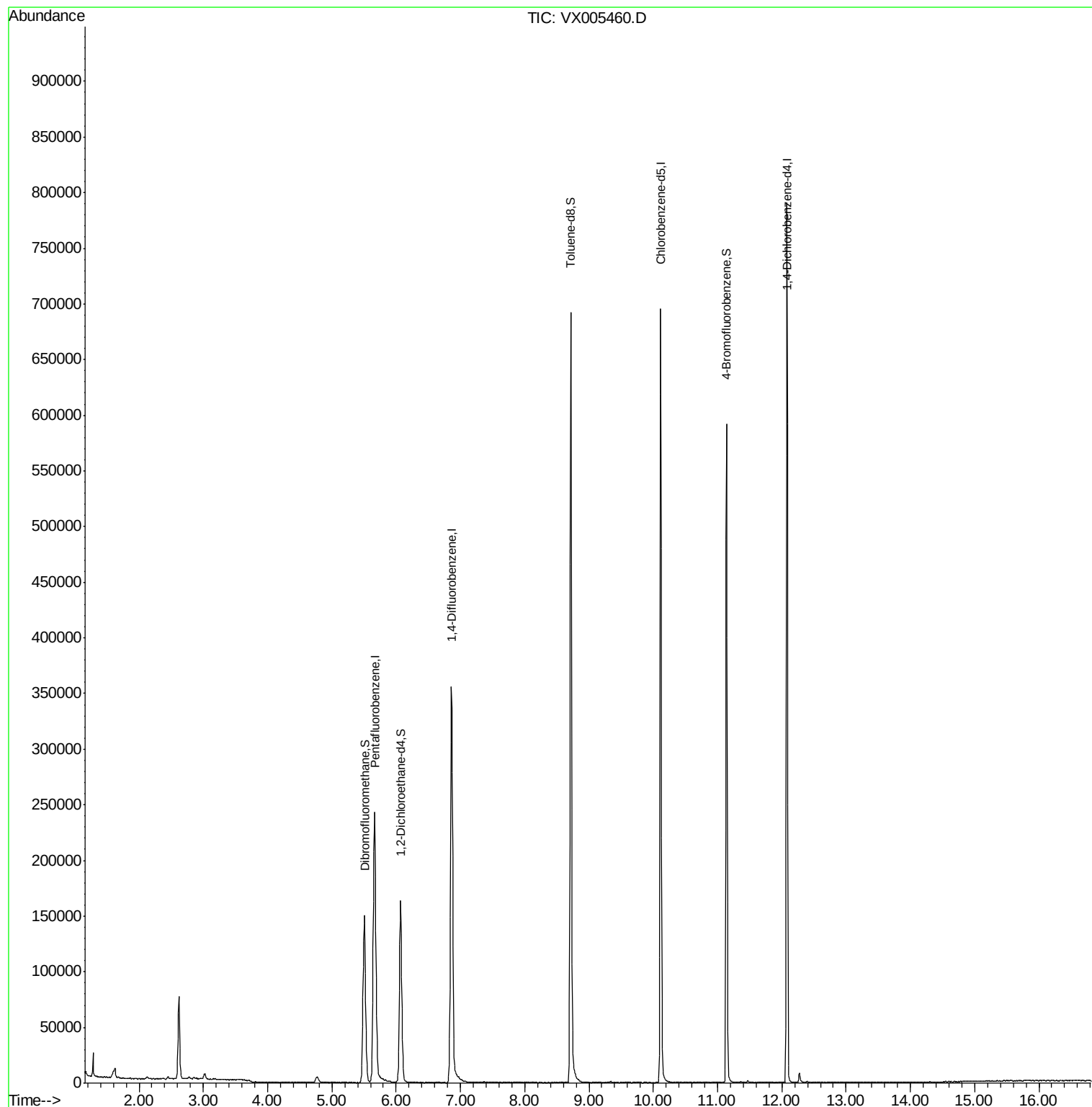
Target Compounds	Qvalue

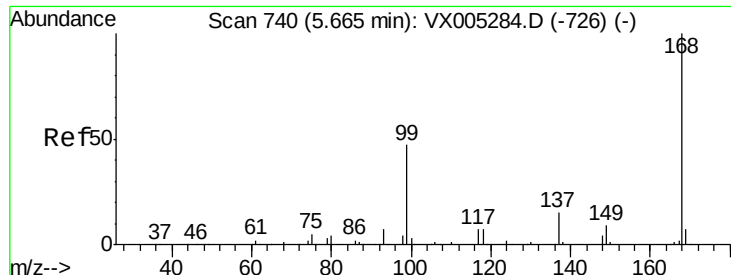
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005460.D

Acq: 19 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

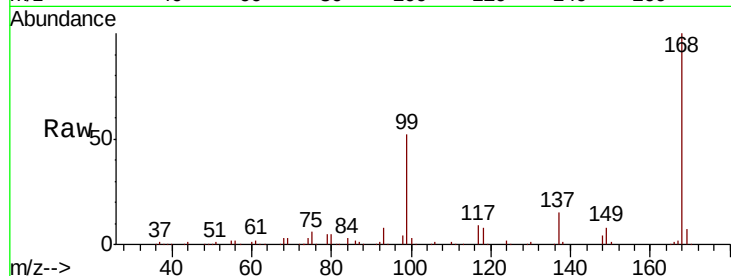
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 261261

Ion Ratio Lower Upper

168 100

99 51.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

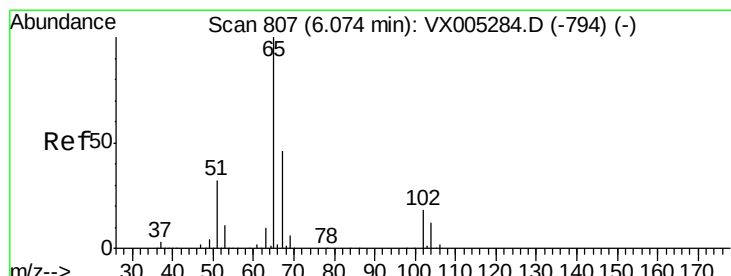
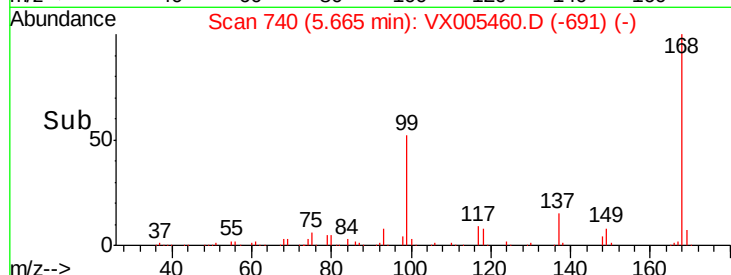
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 53.356 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005460.D

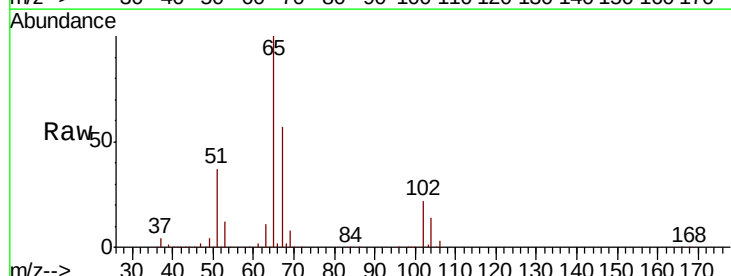
Acq: 19 Oct 2018 16:06

Tgt Ion: 65 Resp: 154710

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

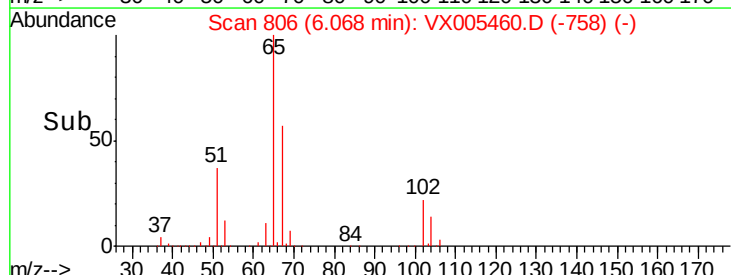
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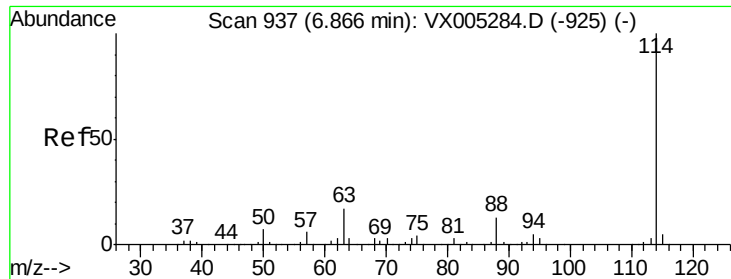
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30

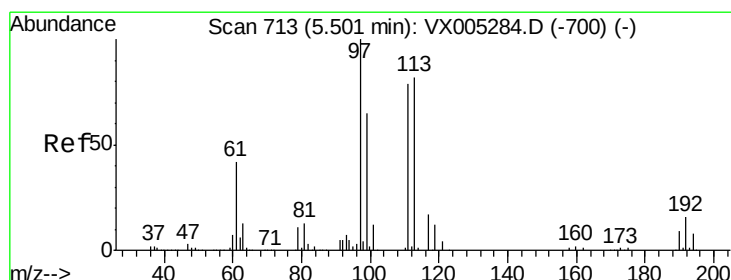
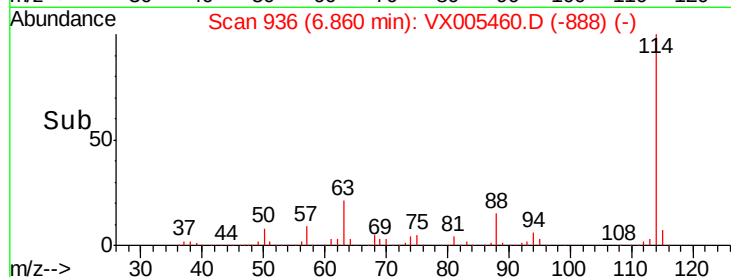
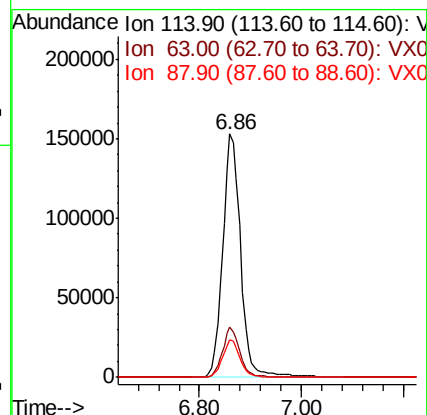
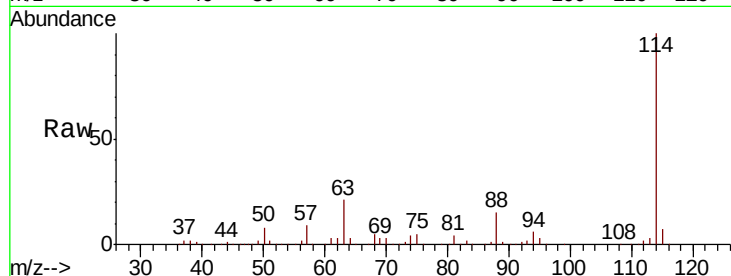




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005460.D
Acq: 19 Oct 2018 16:06

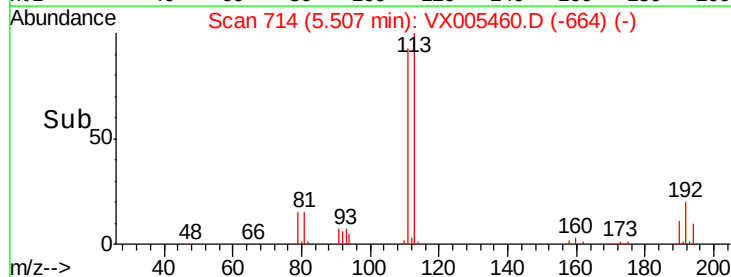
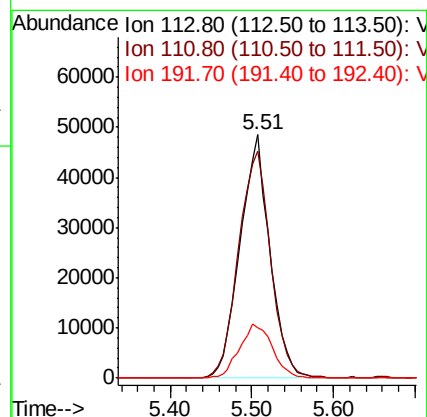
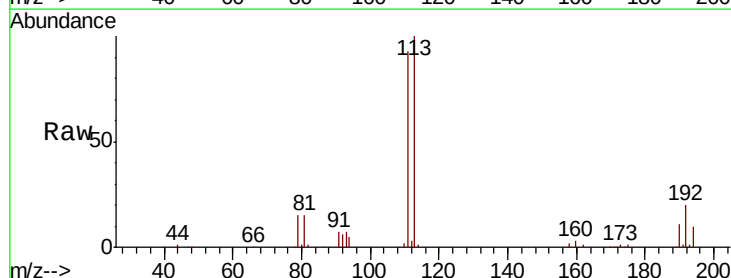
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

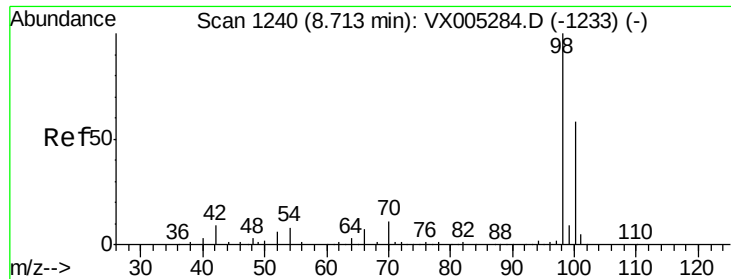
Tot Ion:114 Resp: 375713
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 15.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 49.434 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005460.D
Acq: 19 Oct 2018 16:06

Tgt Ion:113 Resp: 123013
Ion Ratio Lower Upper
113 100
111 100.4 82.4 123.6
192 24.5 19.4 29.2





#50

Toluene-d8

Concen: 51.861 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005460.D

Acq: 19 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

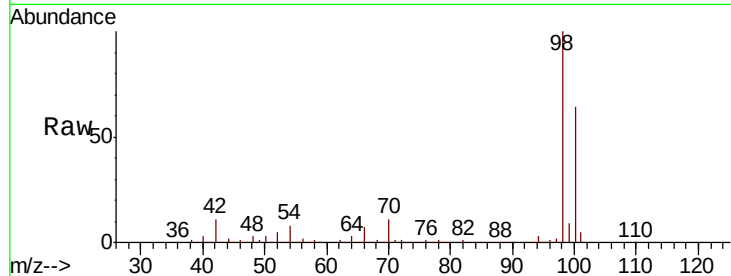
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 443050

Ion Ratio Lower Upper

98 100

100 63.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

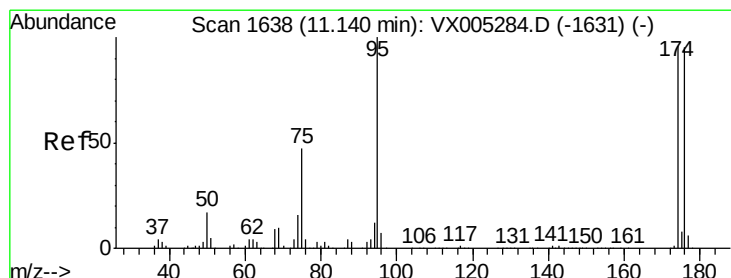
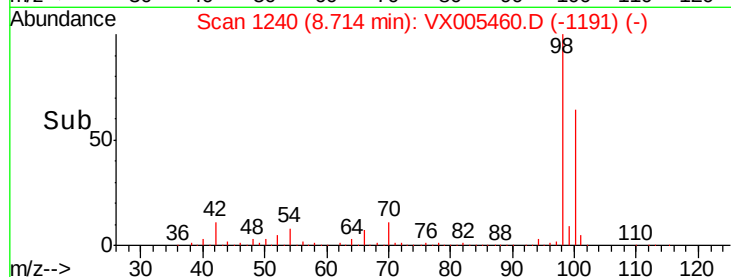
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.842 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005460.D

Acq: 19 Oct 2018 16:06

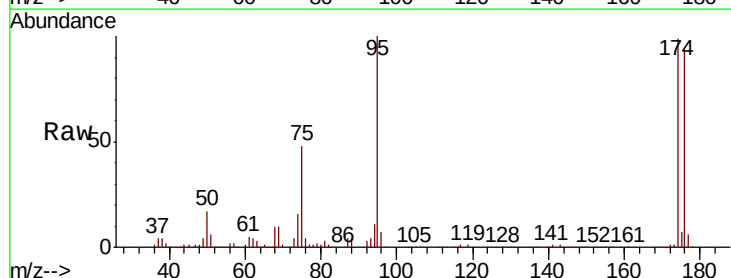
Tgt Ion: 95 Resp: 143911

Ion Ratio Lower Upper

95 100

174 97.0 0.0 185.2

176 93.5 0.0 178.6



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

11.14

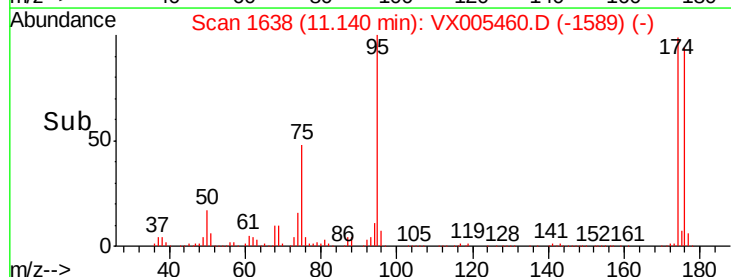
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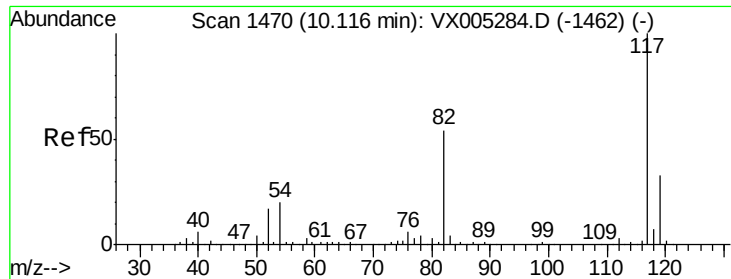
100000

50000

0

Time-->

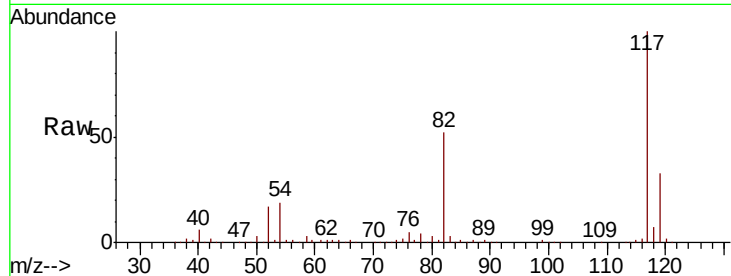




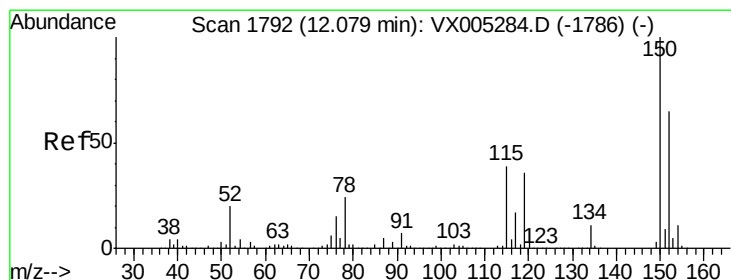
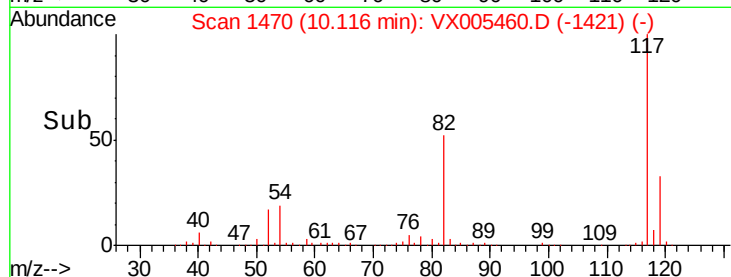
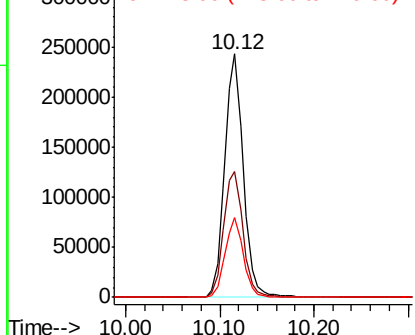
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VX005460.D
 Acq: 19 Oct 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 333889
 Ion Ratio Lower Upper
 117 100
 82 51.7 47.8 71.6
 119 32.6 29.3 43.9

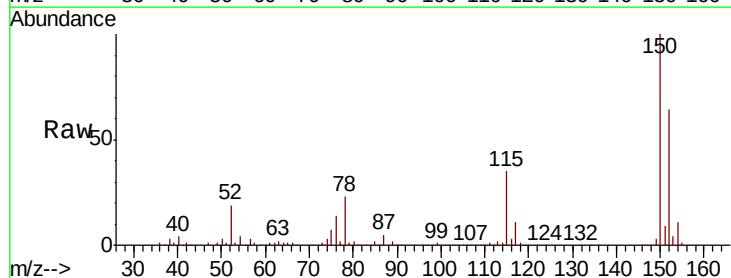


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005460.D
 Acq: 19 Oct 2018 16:06

Tgt Ion:152 Resp: 163713
 Ion Ratio Lower Upper
 152 100
 115 54.2 39.0 117.0
 150 155.8 0.0 351.0



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

