

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005031.D
 Acq On : 04 Oct 2018 20:56
 Operator : JC/MD
 Sample : J5207-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW507-1519

Quant Time: Oct 05 04:43:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

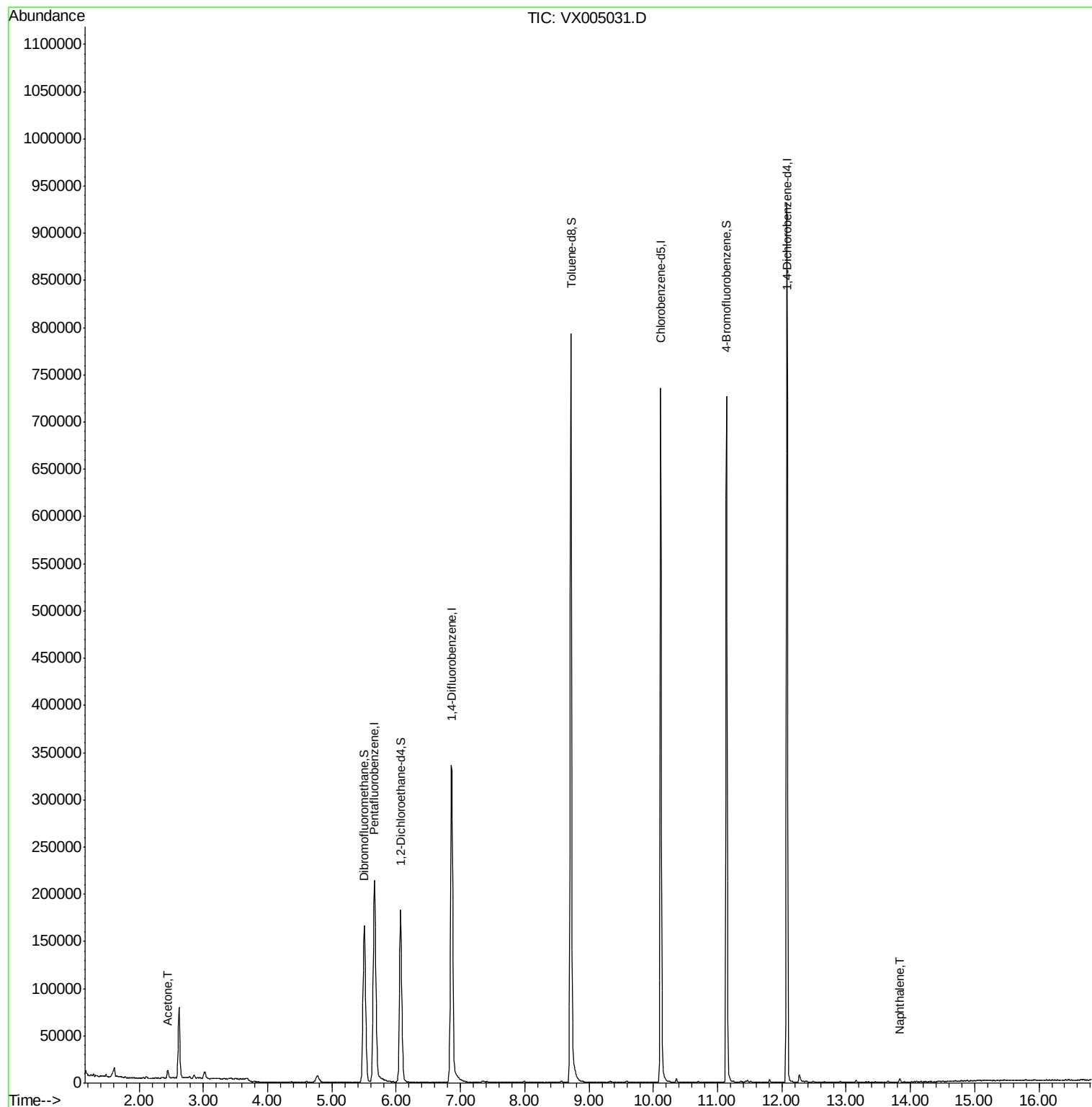
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172142	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
35) Dibromofluoromethane	5.50	113	141761	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	8.72	98	520611	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.14	95	186386	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
Target Compounds						
16) Acetone	2.45	43	9393	5.006	ug/l	98
95) Naphthalene	13.83	128	2268	0.858	ug/l #	95

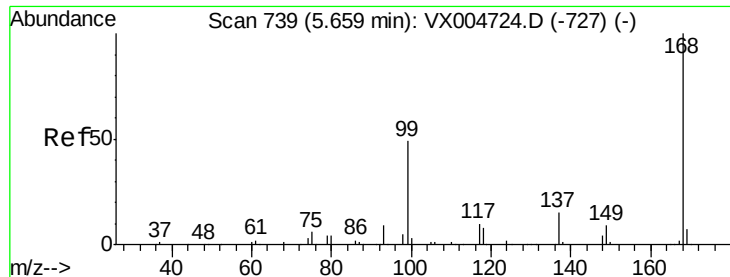
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005031.D

Acq: 04 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

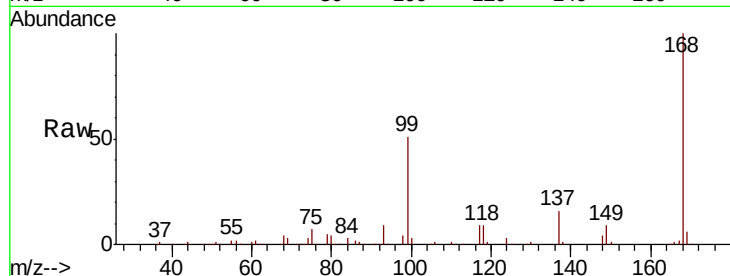
SA-TW507-1519

Tot Ion:168 Resp: 224980

Ion Ratio Lower Upper

168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

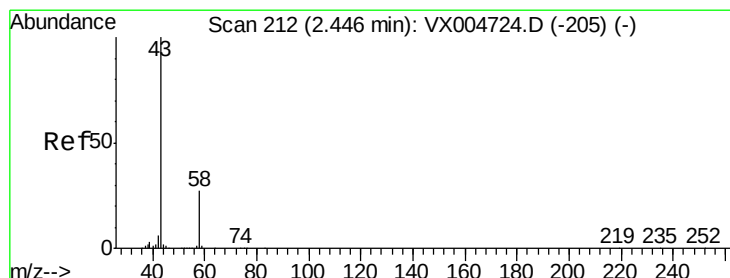
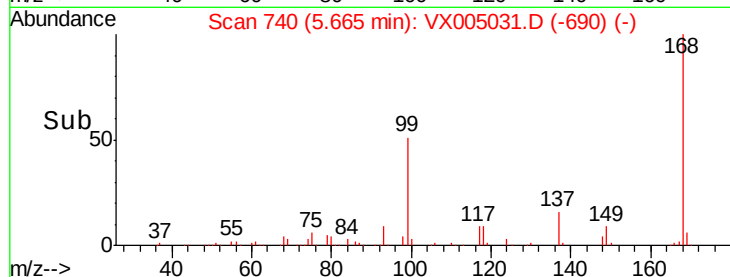
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 5.006 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005031.D

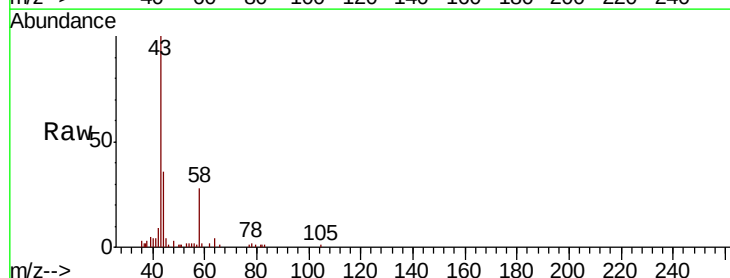
Acq: 04 Oct 2018 20:56

Tgt Ion: 43 Resp: 9393

Ion Ratio Lower Upper

43 100

58 28.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

4000

2000

0

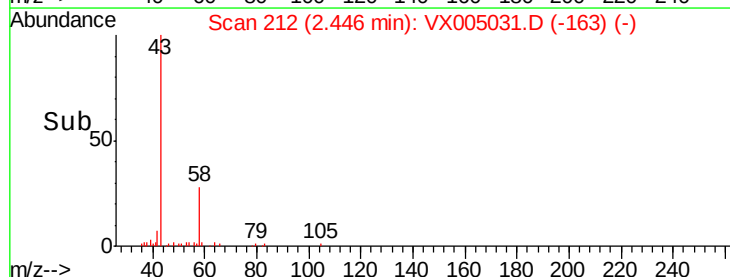
Time-->

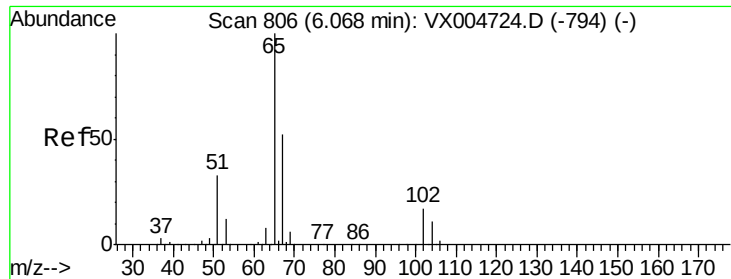
2.35

2.40

2.45

2.50

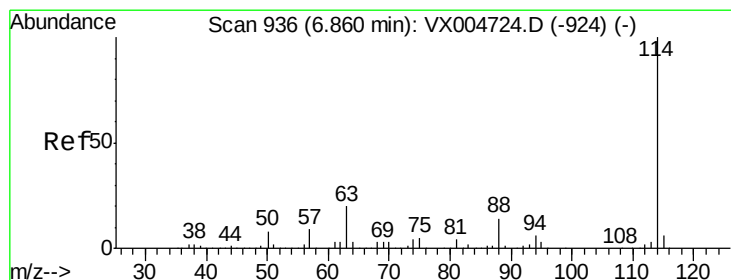
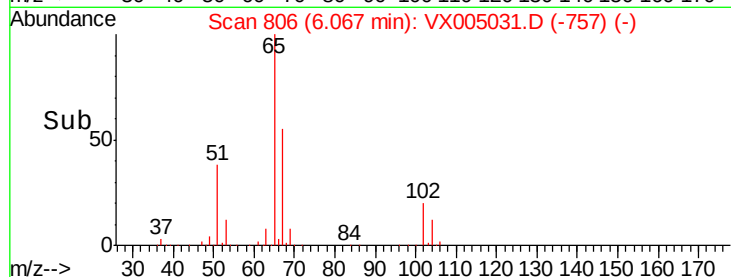
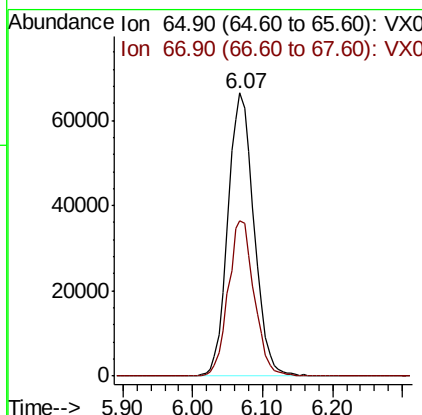
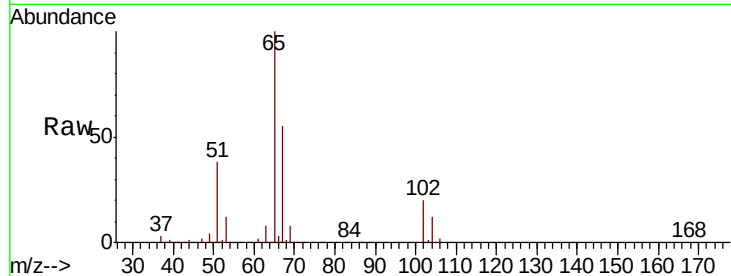




#33
 1,2-Dichloroethane-d4
 Concen: 53.563 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005031.D
 Acq: 04 Oct 2018 20:56

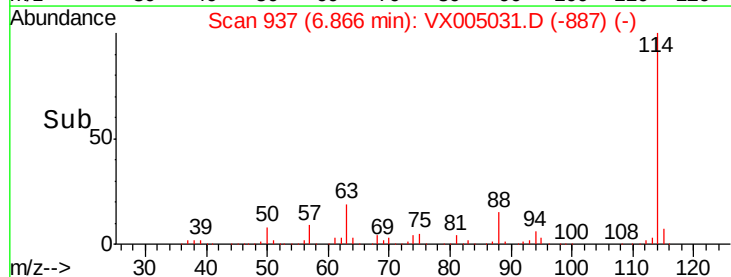
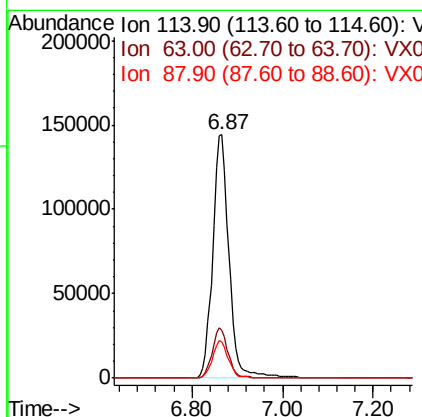
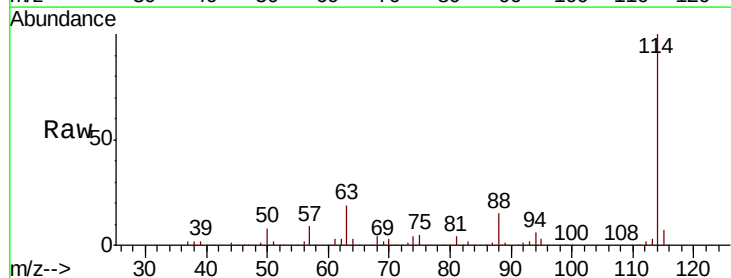
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW507-1519

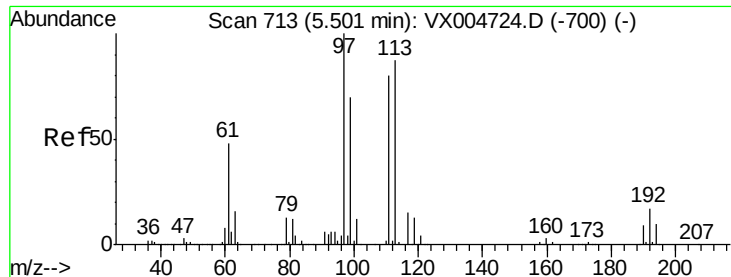
Tot Ion: 65 Resp: 172142
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005031.D
 Acq: 04 Oct 2018 20:56

Tgt Ion: 114 Resp: 364830
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.1 0.0 27.0

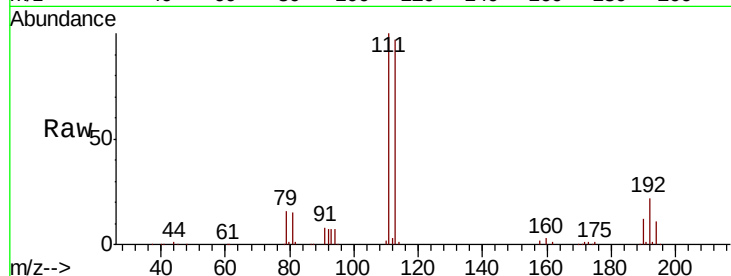




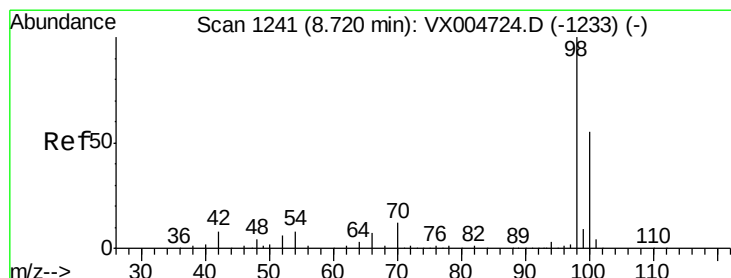
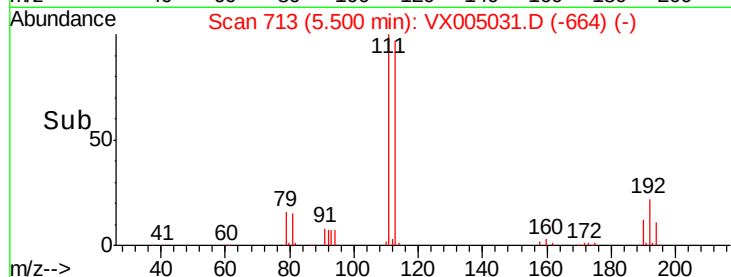
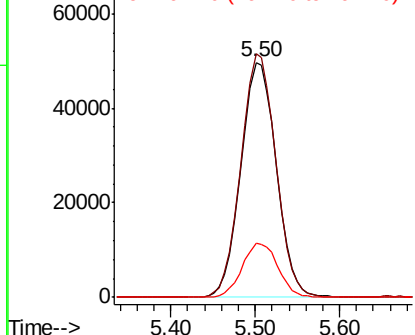
#35
 Dibromofluoromethane
 Concen: 45.848 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005031.D
 Acq: 04 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW507-1519

Tot Ion:113 Resp: 141761
 Ion Ratio Lower Upper
 113 100
 111 102.3 77.0 115.4
 192 23.3 17.0 25.6

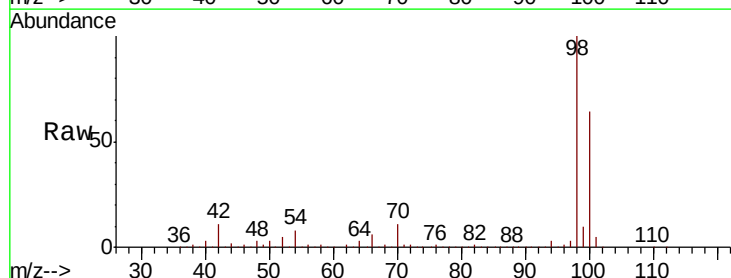


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

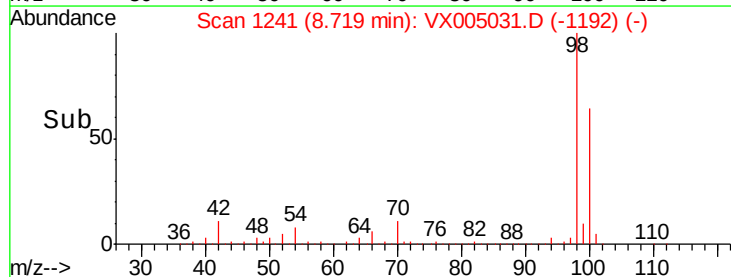
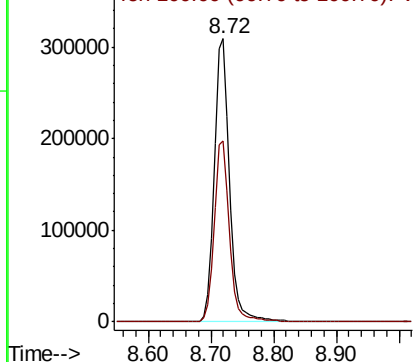


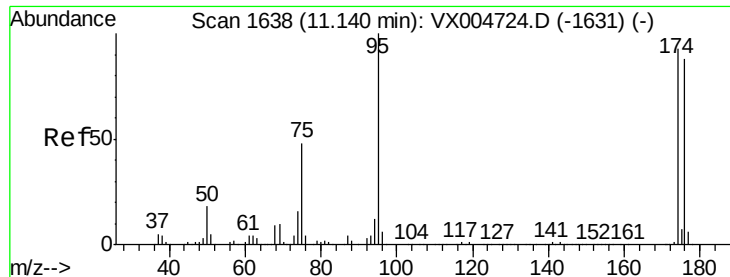
#50
 Toluene-d8
 Concen: 50.647 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX005031.D
 Acq: 04 Oct 2018 20:56

Tgt Ion: 98 Resp: 520611
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.332 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005031.D

Acq: 04 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

SA-TW507-1519

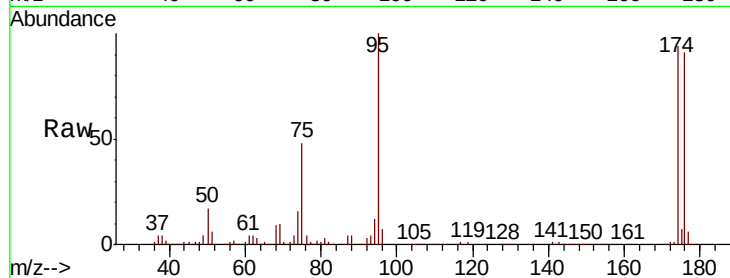
Tot Ion: 95 Resp: 186386

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.0

176 88.9 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)

11.14

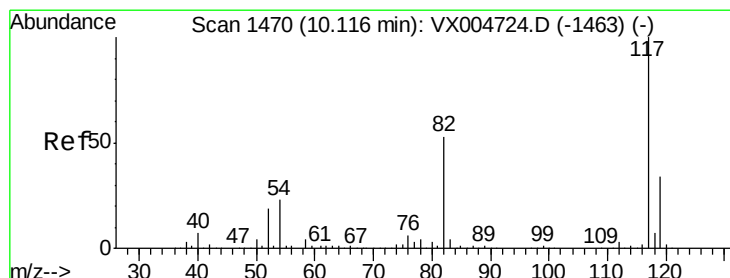
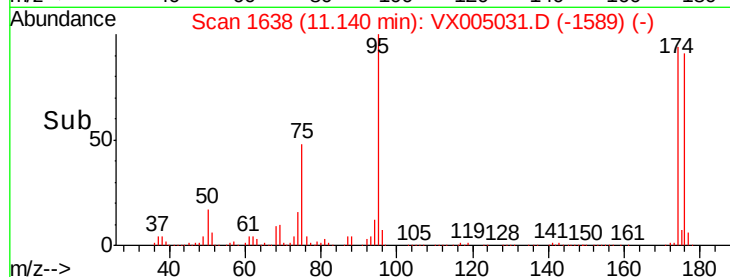
150000

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: VX005031.D

Acq: 04 Oct 2018 20:56

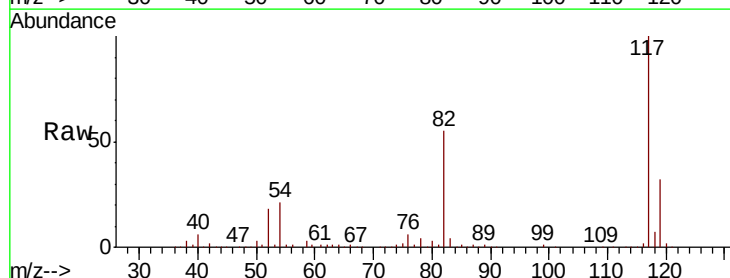
Tgt Ion: 117 Resp: 352260

Ion Ratio Lower Upper

117 100

82 55.0 42.2 63.4

119 32.1 27.4 41.0



Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)

10.12

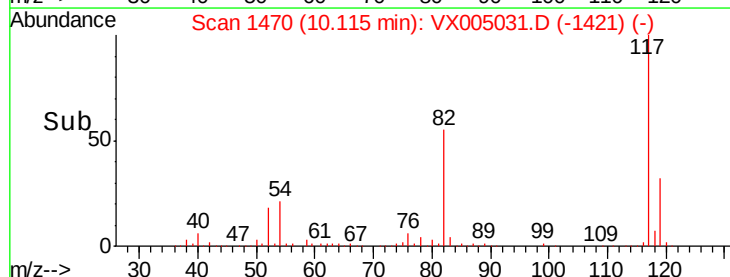
300000

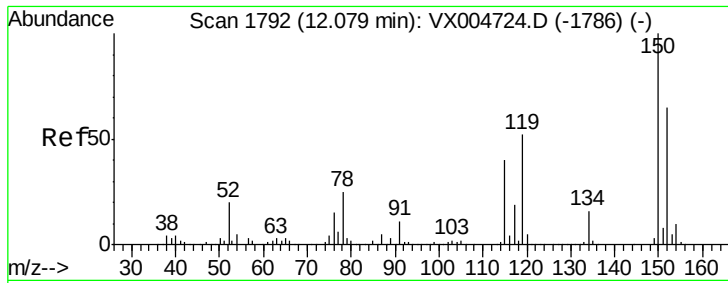
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005031.D

Acq: 04 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

SA-TW507-1519

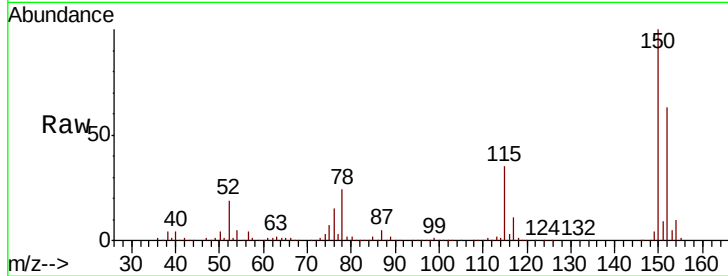
Tot Ion:152 Resp: 193755

Ion Ratio Lower Upper

152 100

115 55.2 40.2 120.6

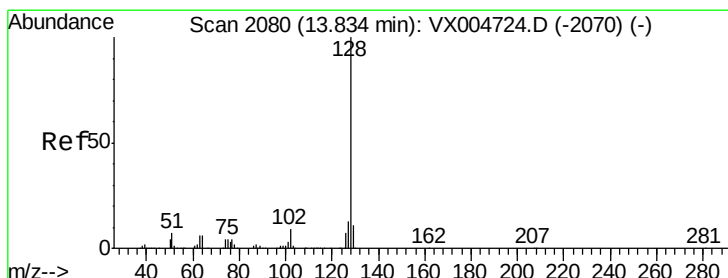
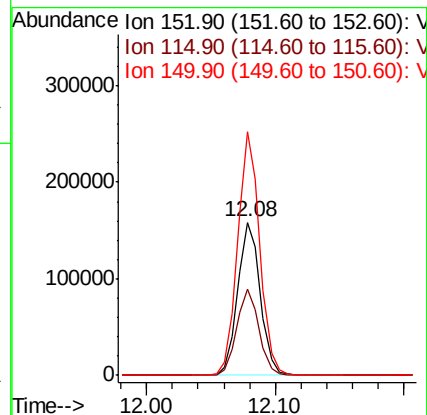
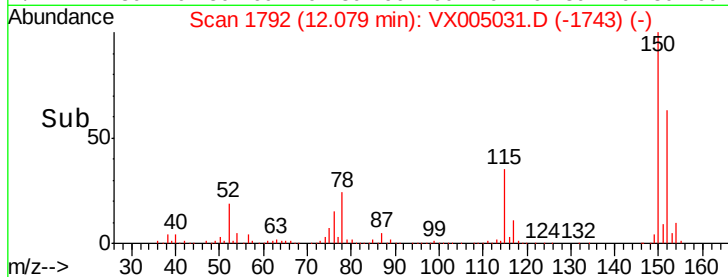
150 155.9 0.0 351.0



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



#95

Naphthalene

Concen: 0.858 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005031.D

Acq: 04 Oct 2018 20:56

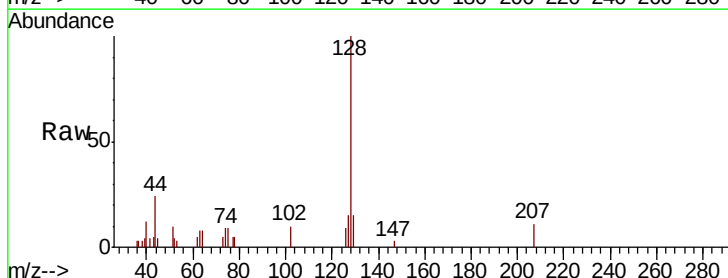
Tgt Ion:128 Resp: 2268

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

129 13.6 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

