

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000672.D
 Acq On : 04 Apr 2018 22:08
 Operator : JC/MD
 Sample : J2212-12 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-B

Quant Time: Apr 05 05:43:00 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

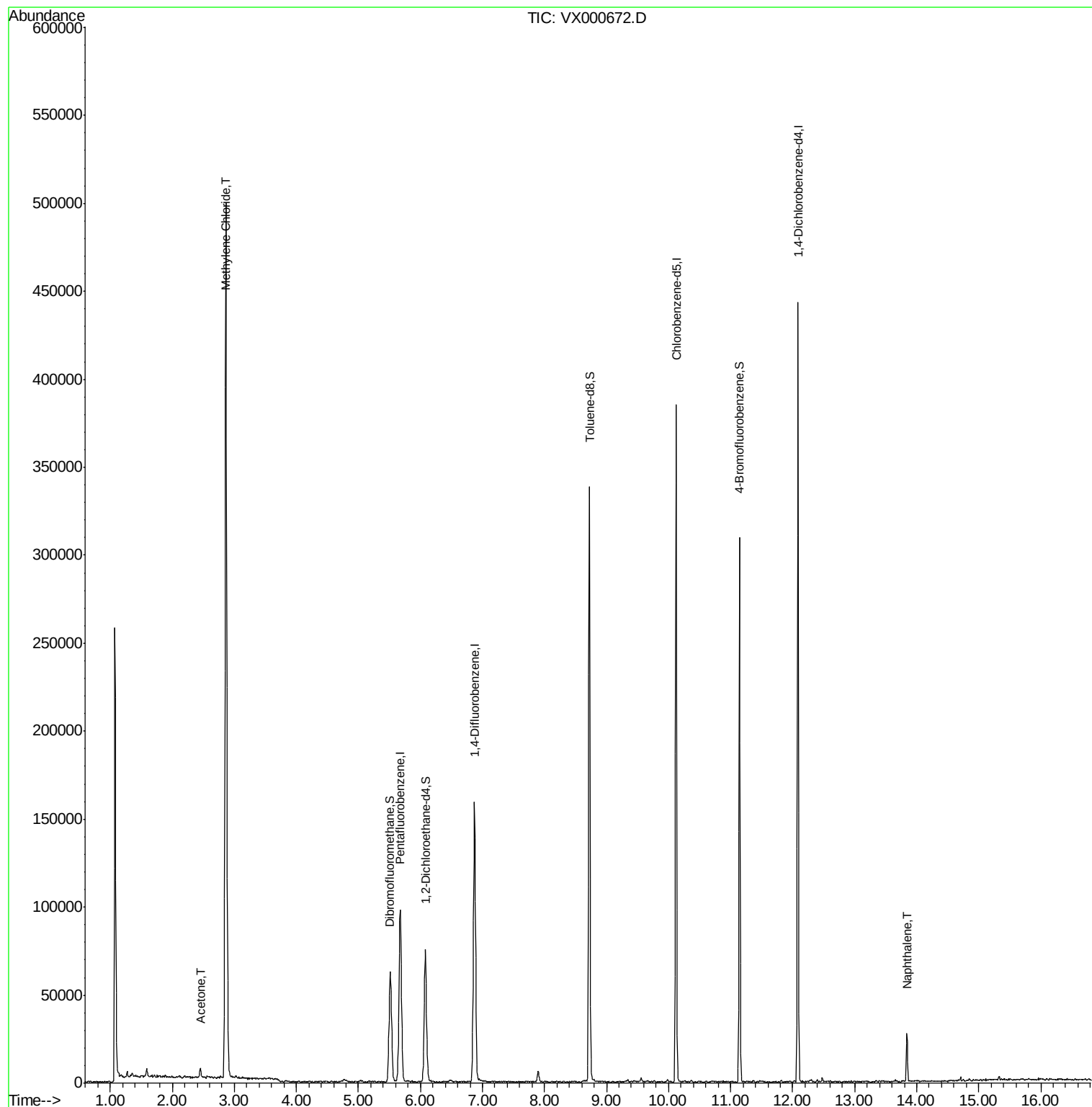
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	85781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	147999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	74351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	66850	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
35) Dibromofluoromethane	5.51	113	48383	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	8.73	98	189822	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
62) 4-Bromofluorobenzene	11.15	95	67368	39.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.24%	
Target Compounds						
16) Acetone	2.45	43	5897	4.92	ug/l	97
20) Methylene Chloride	2.87	84	211750	154.84	ug/l	96
95) Naphthalene	13.84	128	15608	2.79	ug/l	98

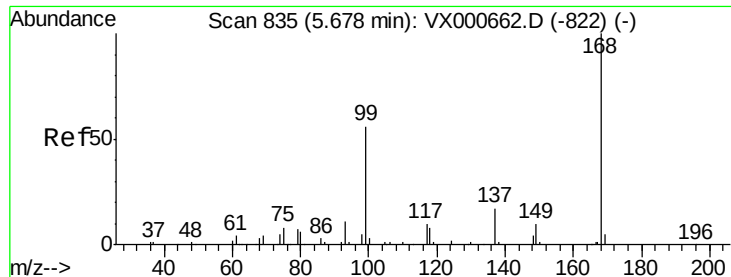
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000672.D

Acq: 04 Apr 2018 22:08

Instrument :

MSVOA_X

ClientSampled :

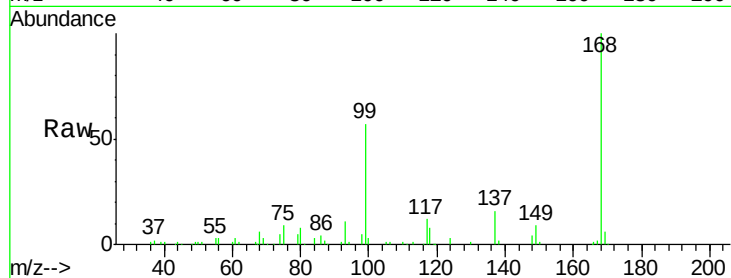
SP-1-B

Tot Ion:168 Resp: 85781

Ion Ratio Lower Upper

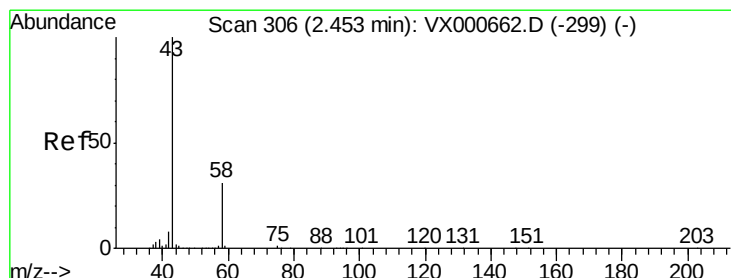
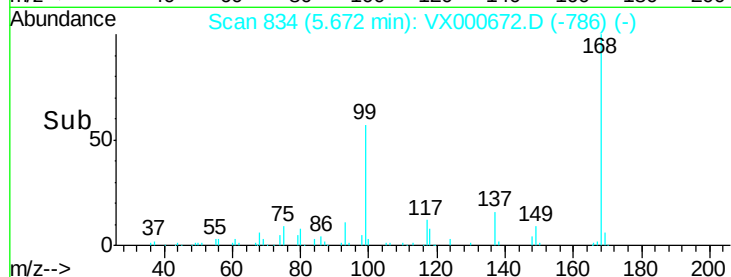
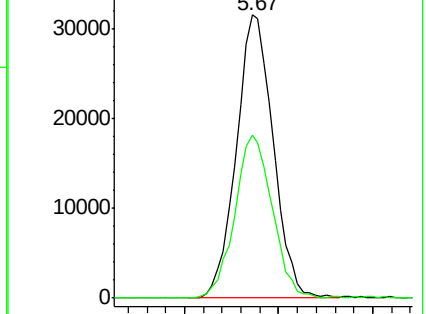
168 100

99 57.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000672.D

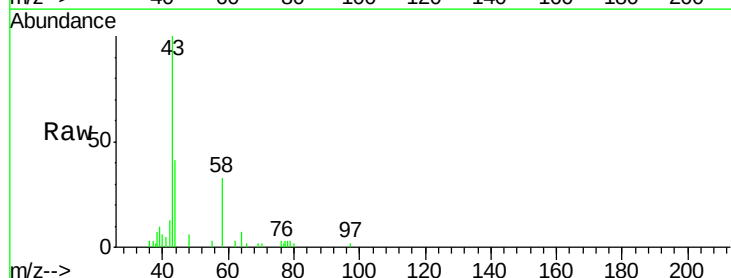
Acq: 04 Apr 2018 22:08

Tgt Ion: 43 Resp: 5897

Ion Ratio Lower Upper

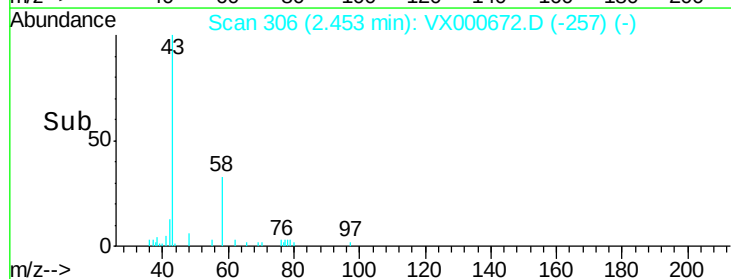
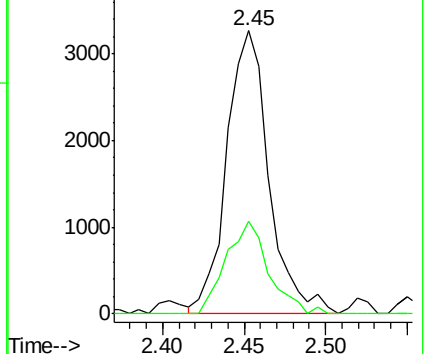
43 100

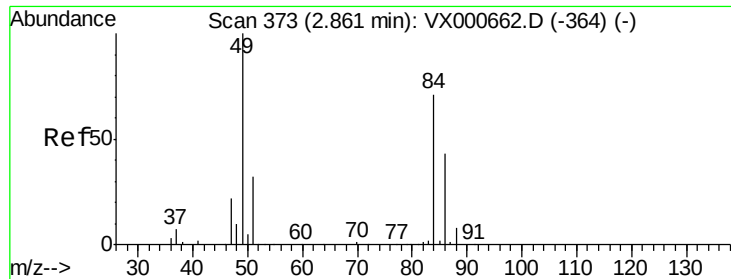
58 32.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

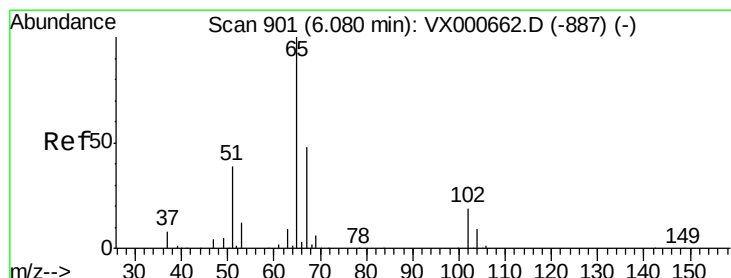
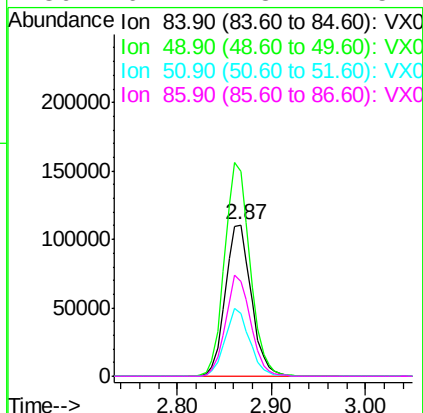
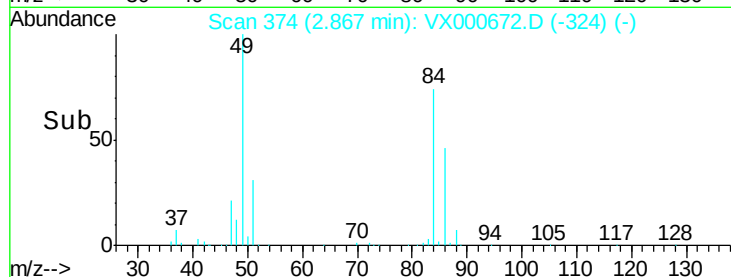
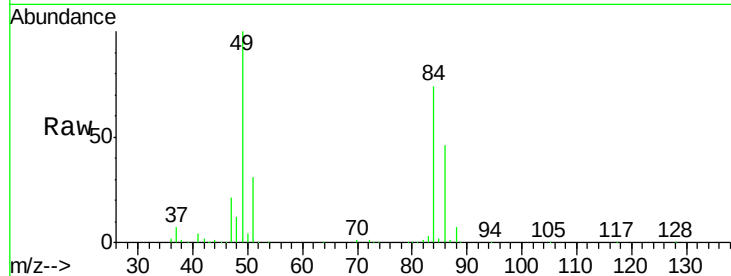




#20
Methylene Chloride
Concen: 154.84 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000672.D
Acq: 04 Apr 2018 22:08

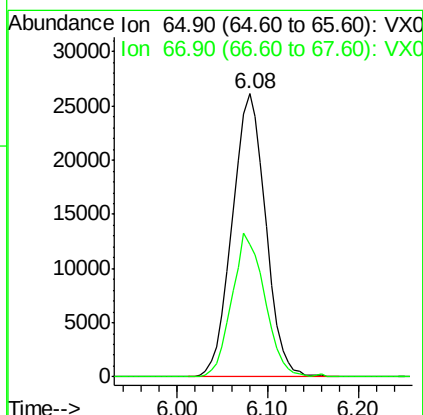
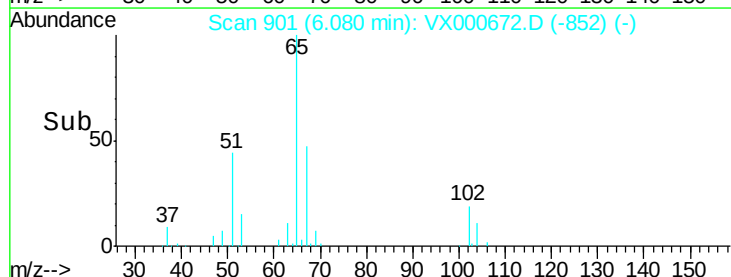
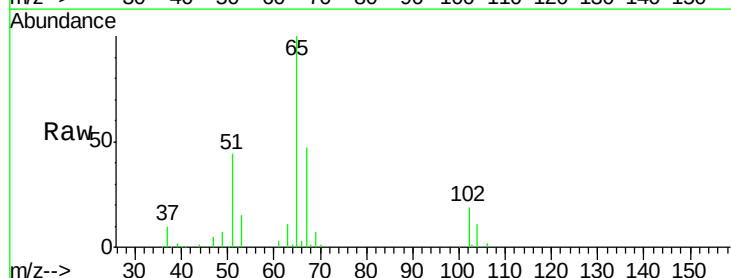
Instrument :
MSVOA_X
ClientSampled :
SP-1-B

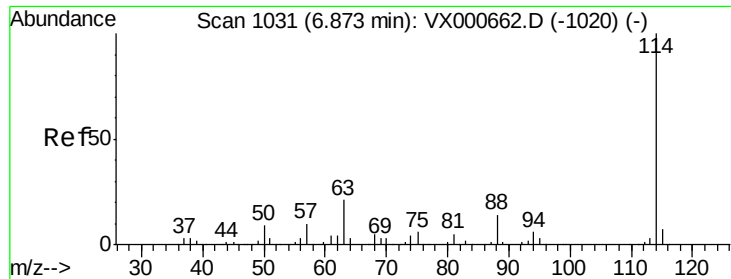
Tot Ion: 84 Resp: 211750
Ion Ratio Lower Upper
84 100
49 135.3 112.1 168.1
51 41.8 35.4 53.0
86 62.7 48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 45.87 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000672.D
Acq: 04 Apr 2018 22:08

Tgt Ion: 65 Resp: 66850
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000672.D

Acq: 04 Apr 2018 22:08

Instrument :

MSVOA_X

ClientSampleId :

SP-1-B

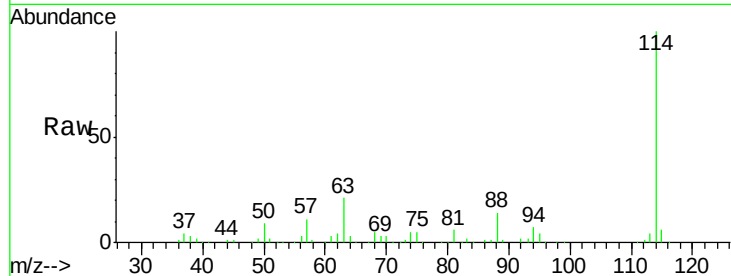
Tot Ion:114 Resp: 147999

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

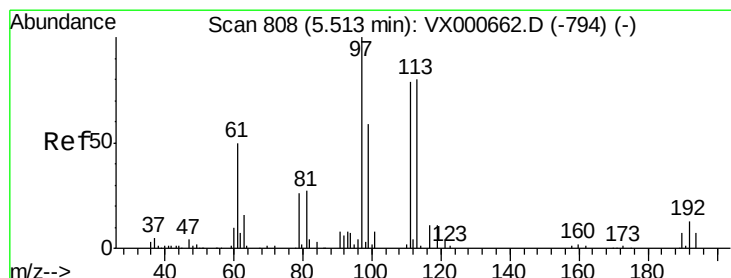
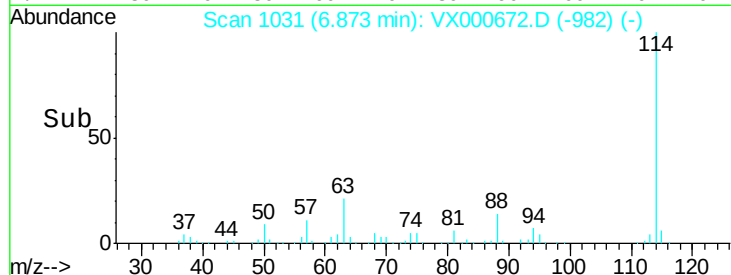
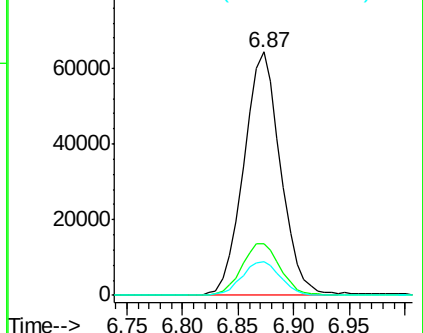
88 13.9 0.0 28.6



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: 47.89 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000672.D

Acq: 04 Apr 2018 22:08

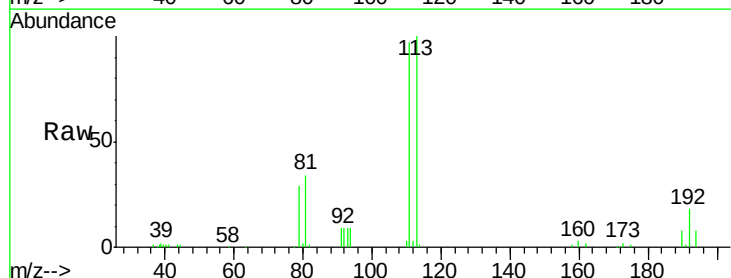
Tgt Ion:113 Resp: 48383

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

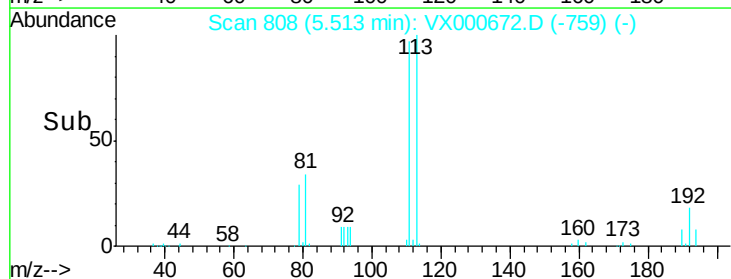
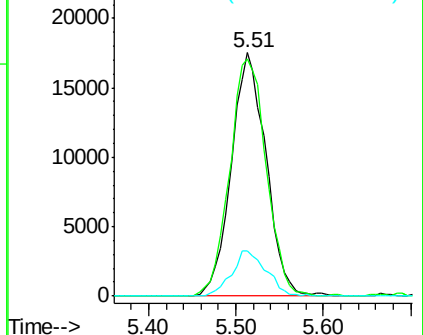
192 18.5 14.3 21.5

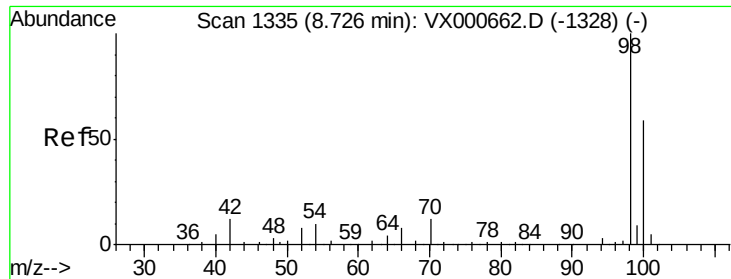


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.19 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000672.D

Acq: 04 Apr 2018 22:08

Instrument :

MSVOA_X

ClientSampleId :

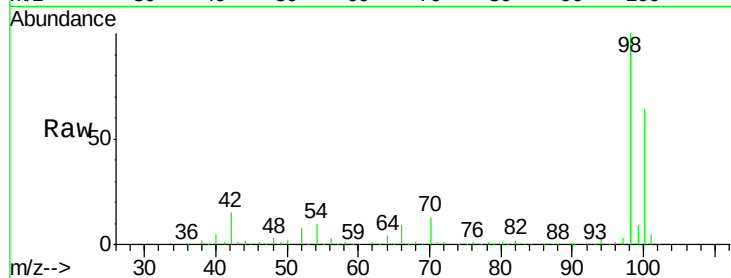
SP-1-B

Tot Ion: 98 Resp: 189822

Ion Ratio Lower Upper

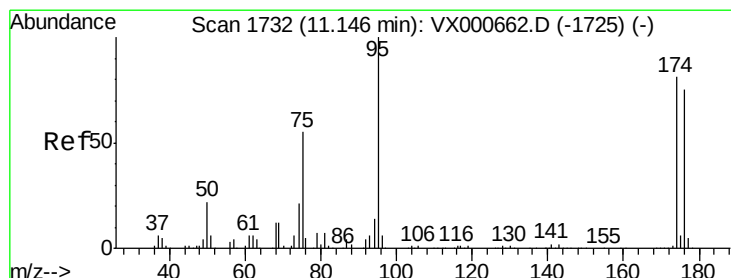
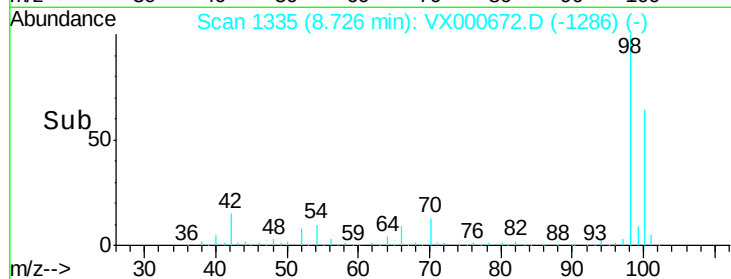
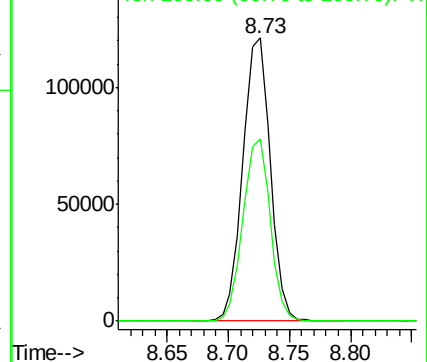
98 100

100 63.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 39.62 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000672.D

Acq: 04 Apr 2018 22:08

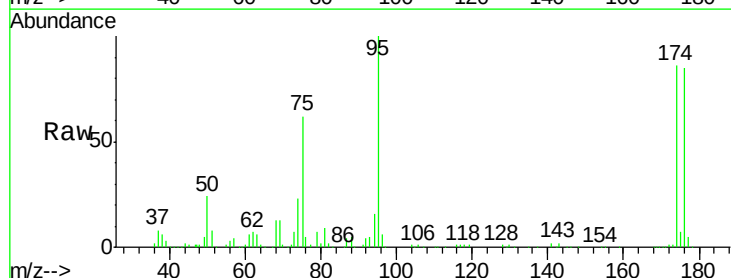
Tgt Ion: 95 Resp: 67368

Ion Ratio Lower Upper

95 100

174 83.7 0.0 156.8

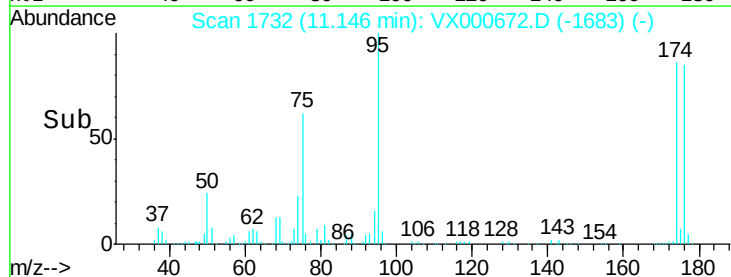
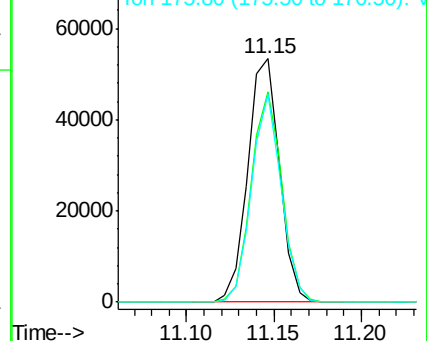
176 79.8 0.0 150.6

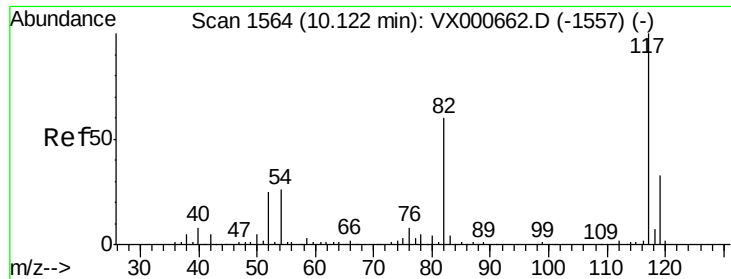


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000672.D

Acq: 04 Apr 2018 22:08

Instrument :

MSVOA_X

ClientSampled :

SP-1-B

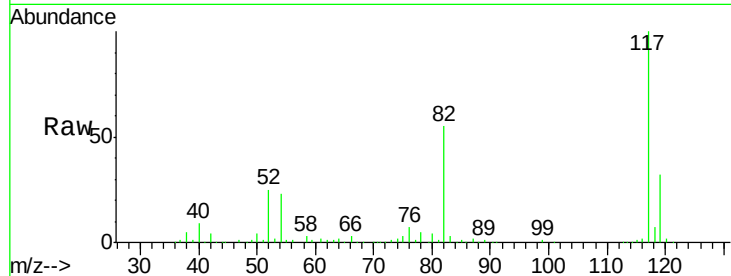
Tot Ion:117 Resp: 148584

Ion Ratio Lower Upper

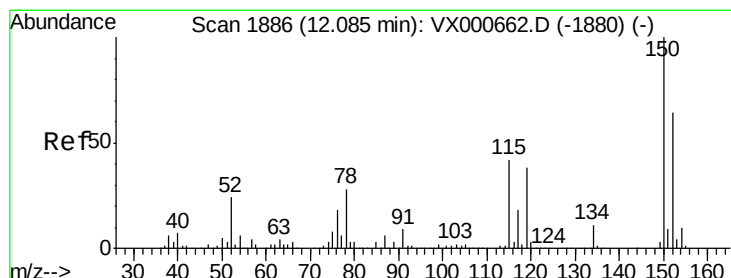
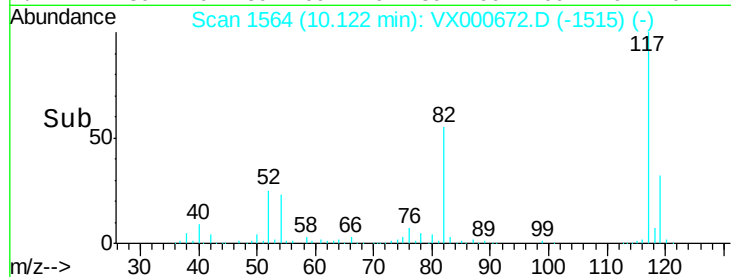
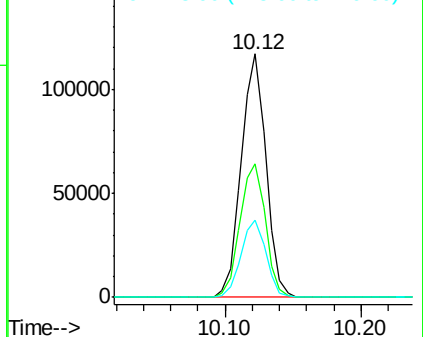
117 100

82 54.9 48.3 72.5

119 31.9 26.0 39.0



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000672.D

Acq: 04 Apr 2018 22:08

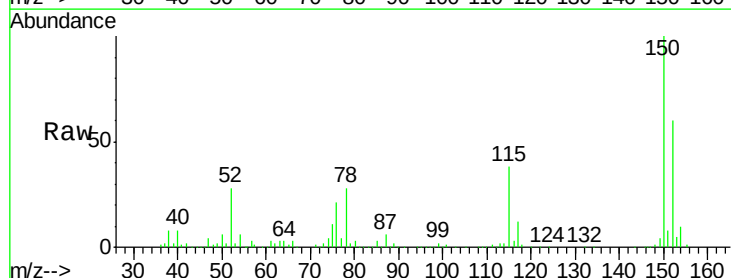
Tgt Ion:152 Resp: 74351

Ion Ratio Lower Upper

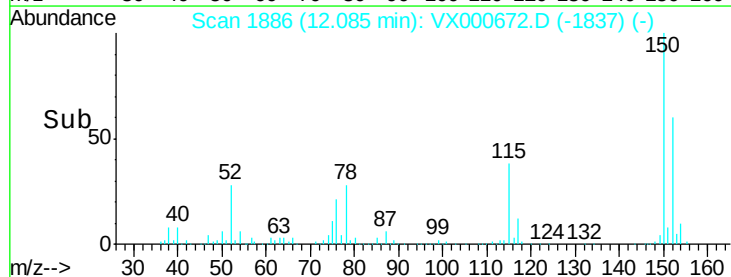
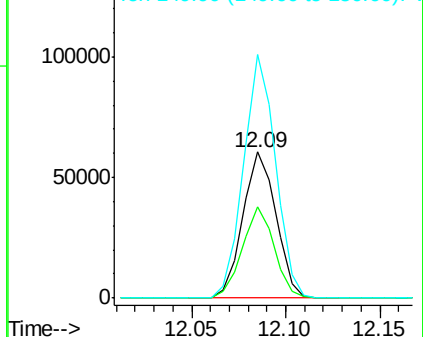
152 100

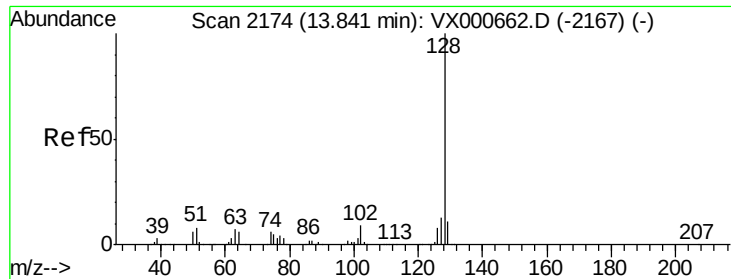
115 59.8 41.9 125.8

150 160.4 0.0 348.0



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

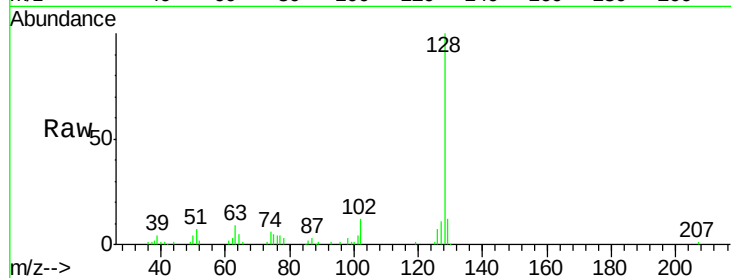




#95
 Naphthalene
 Concen: 2.79 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000672.D
 Acq: 04 Apr 2018 22:08

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.6	16.0
129	11.5	8.9	13.3



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

