

Data Path : W:\HPCHEM1\MSVOA X\Data\VX040218\
 Data File : VX000640.D
 Acq On : 02 Apr 2018 14:52
 Operator : JC/MD
 Sample : J2178-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S6-TP

Quant Time: Apr 04 08:30:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	200172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	109811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80228	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.51	113	61897	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	8.73	98	250794	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.15	95	90362	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	

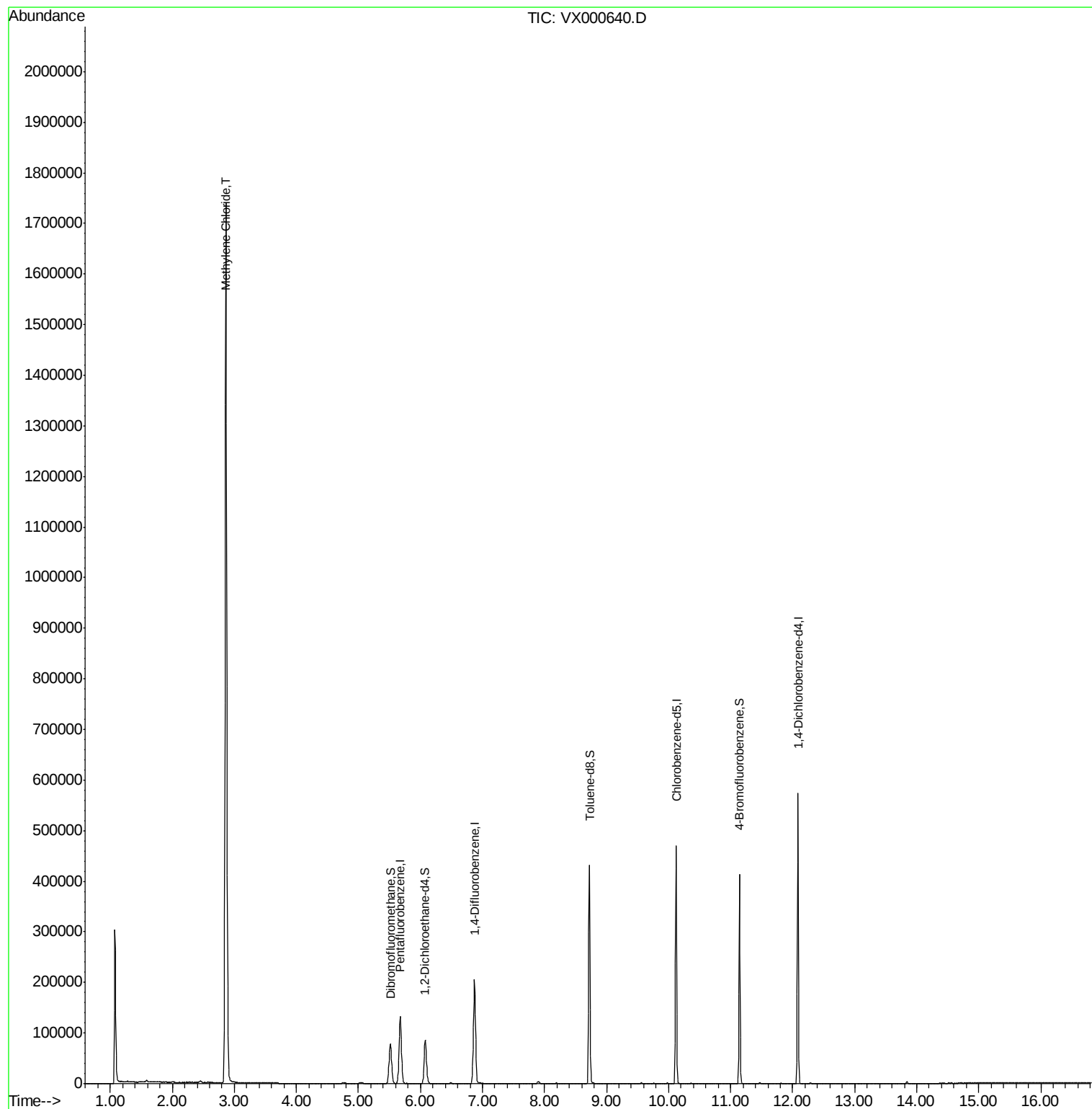
Target Compounds						Qvalue
20) Methylene Chloride	2.87	84	767648	501.47	ug/l	99

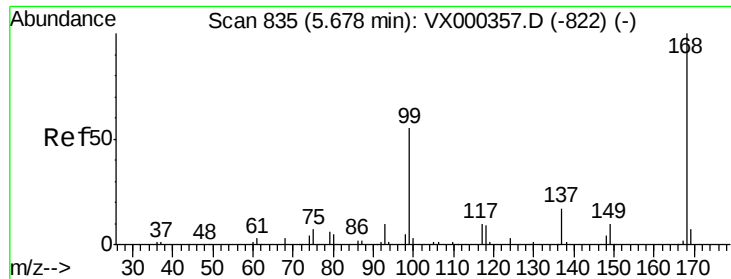
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Instrument :

MSVOA_X

ClientSampled :

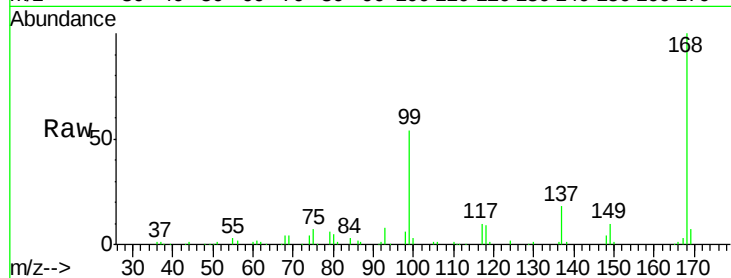
S6-TP

Tot Ion:168 Resp: 122051

Ion Ratio Lower Upper

168 100

99 54.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

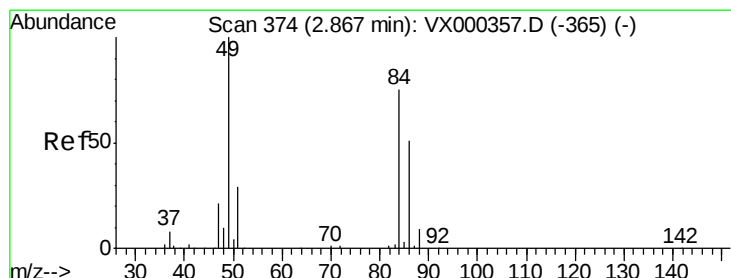
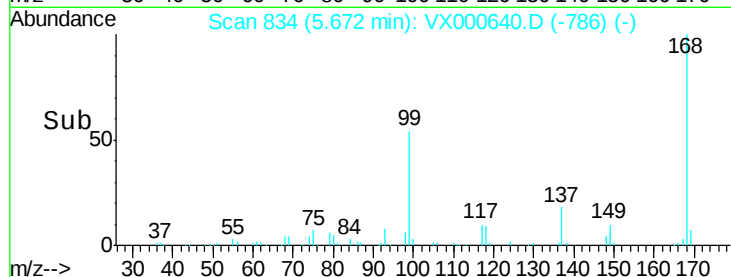
20000

10000

0

Time-->

5.60 5.70 5.80



#20

Methylene Chloride

Concen: 501.47 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Tgt Ion: 84 Resp: 767648

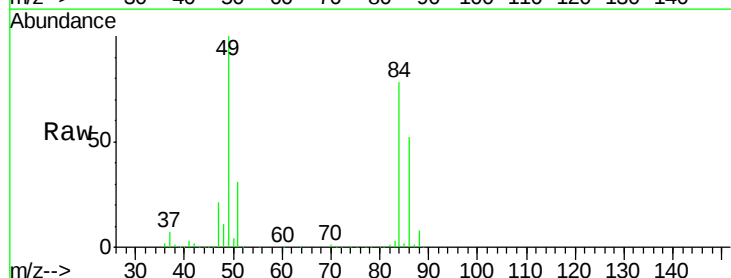
Ion Ratio Lower Upper

84 100

49 127.6 100.6 151.0

51 39.1 31.6 47.4

86 65.8 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.87

800000

600000

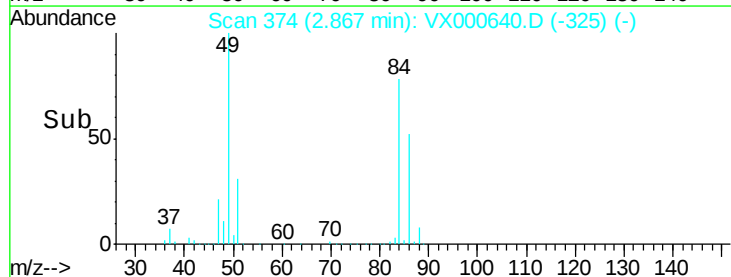
400000

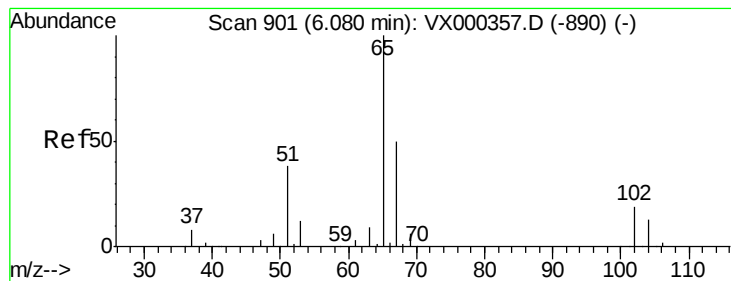
200000

0

Time-->

2.80 2.90 3.00





#33

1,2-Dichloroethane-d4

Concen: 50.36 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

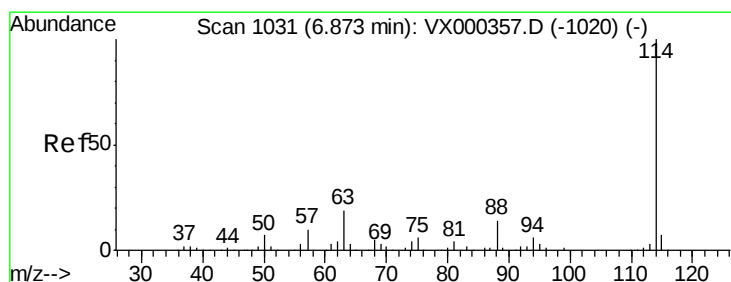
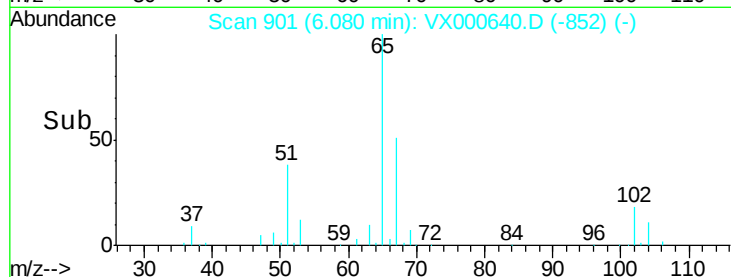
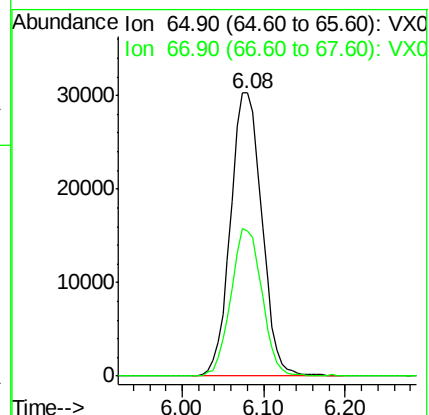
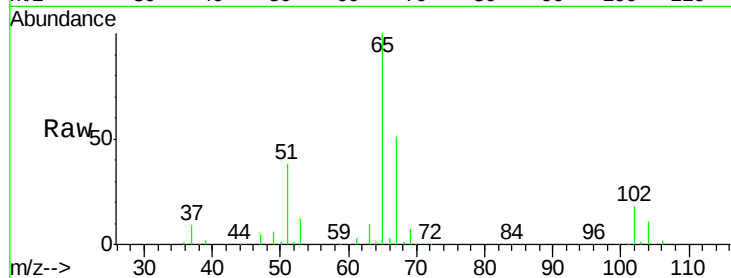
S6-TP

Tot Ion: 65 Resp: 80228

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

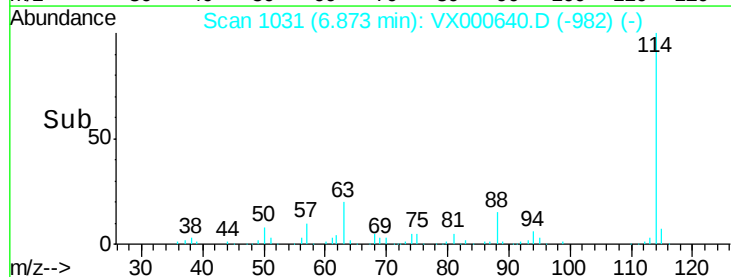
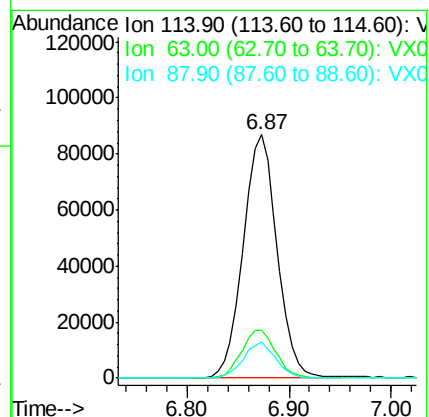
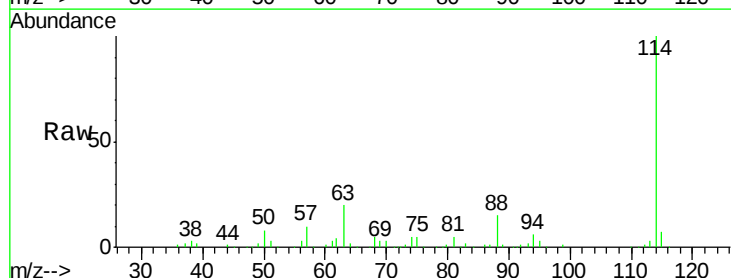
Tgt Ion: 114 Resp: 200650

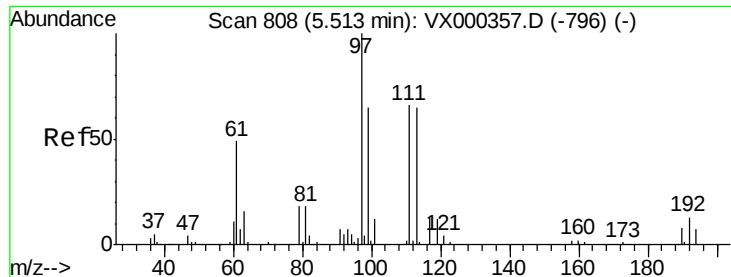
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.1 0.0 27.0

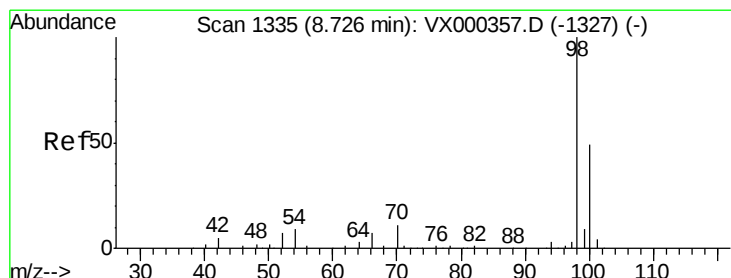
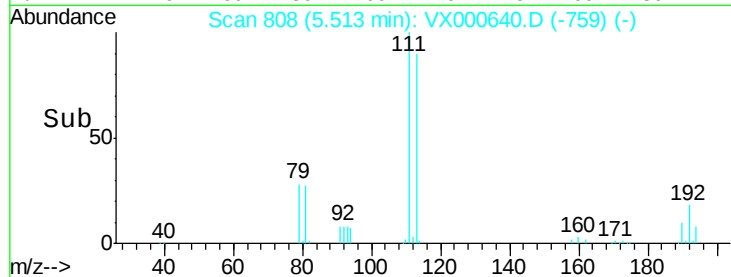
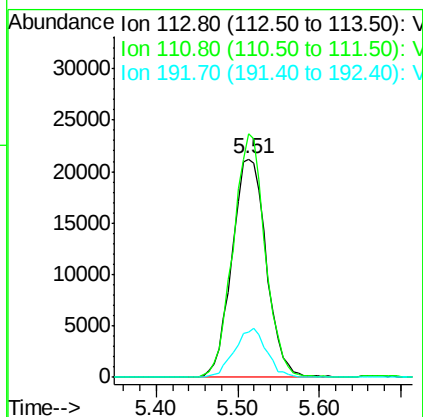
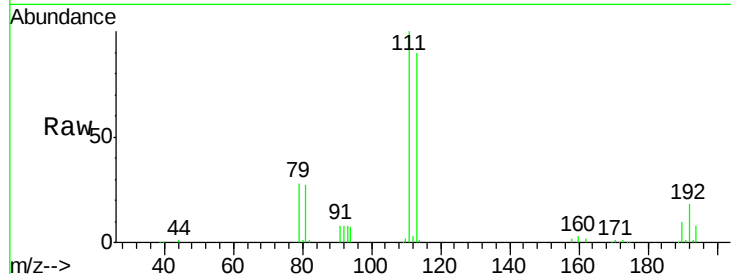




#35
 Dibromofluoromethane
 Concen: 48.96 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000640.D
 Acq: 02 Apr 2018 14:52

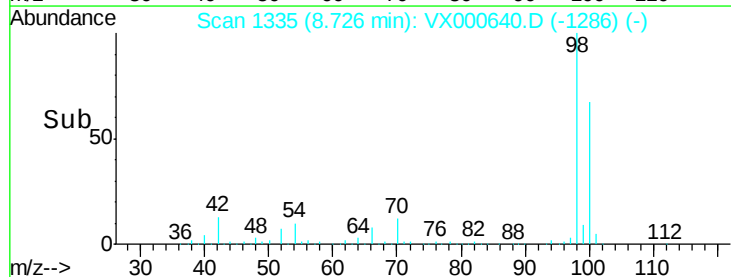
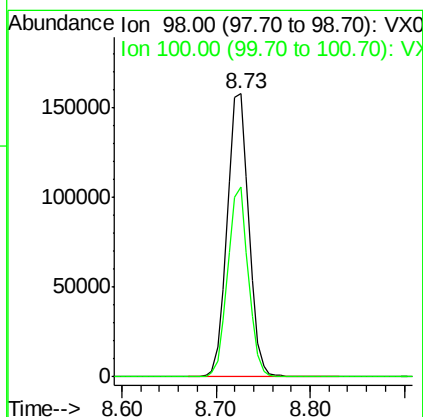
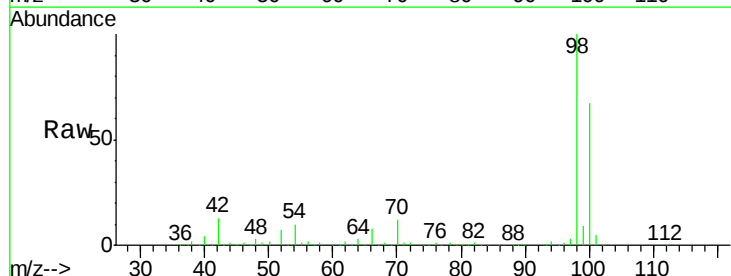
Instrument :
 MSVOA_X
 ClientSampled :
 S6-TP

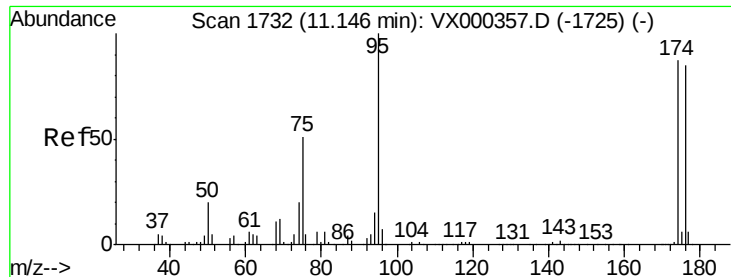
Tot Ion:113 Resp: 61897
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.4 123.6
 192 21.0 15.8 23.6



#50
 Toluene-d8
 Concen: 47.90 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000640.D
 Acq: 02 Apr 2018 14:52

Tgt Ion: 98 Resp: 250794
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 41.97 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

S6-TP

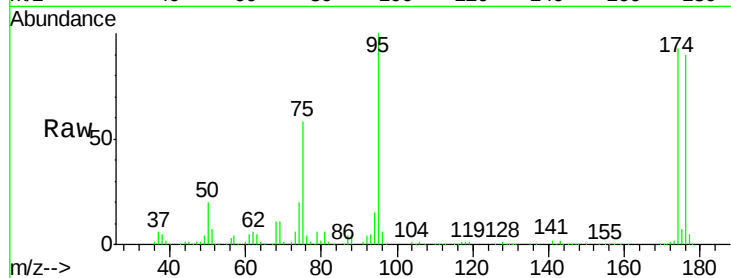
Tot Ion: 95 Resp: 90362

Ion Ratio Lower Upper

95 100

174 90.7 0.0 173.6

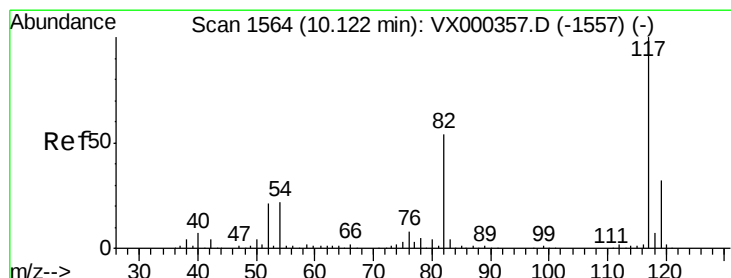
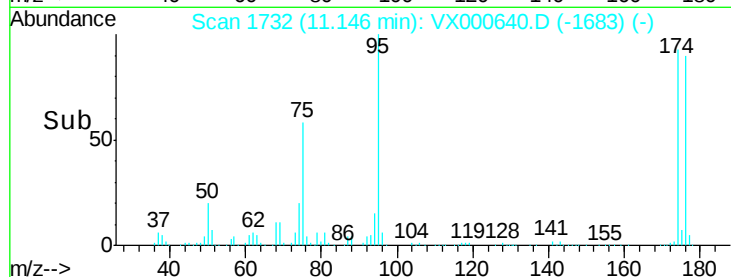
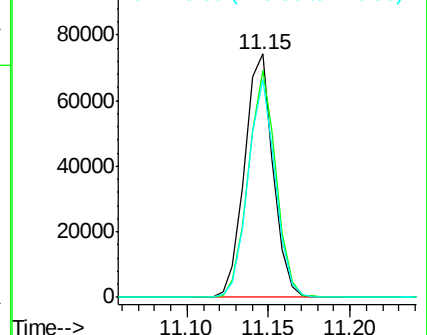
176 86.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000640.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000640.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000640.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

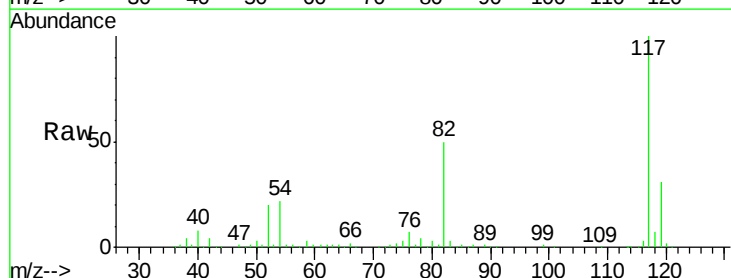
Tgt Ion: 117 Resp: 200172

Ion Ratio Lower Upper

117 100

82 49.6 43.8 65.8

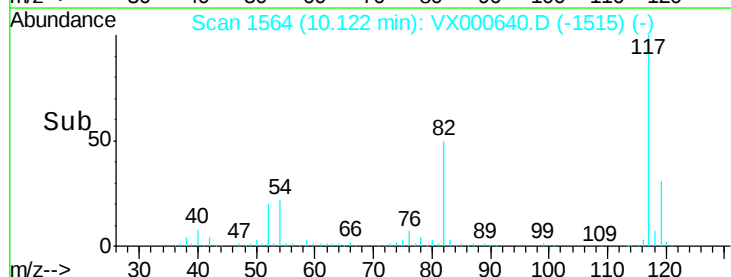
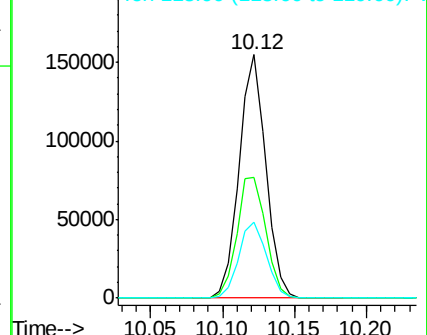
119 31.3 24.9 37.3

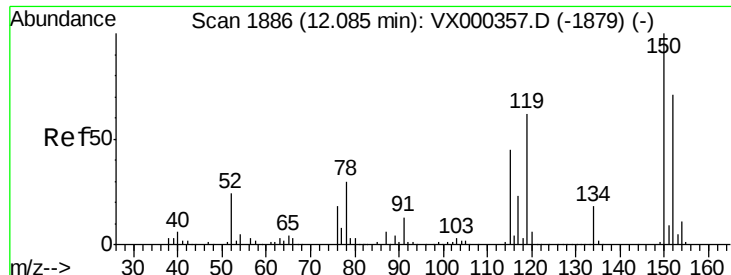


Abundance Ion 116.90 (116.60 to 117.60): VX000640.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000640.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000640.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000640.D

Acq: 02 Apr 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

S6-TP

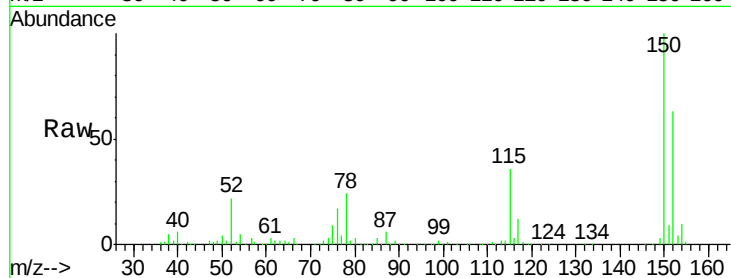
Tot Ion:152 Resp: 109811

Ion Ratio Lower Upper

152 100

115 56.1 39.8 119.3

150 155.6 0.0 344.4



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

