

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000775.D
 Acq On : 11 Apr 2018 13:48
 Operator : JC/MD
 Sample : J2280-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1

Quant Time: Apr 11 14:15:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

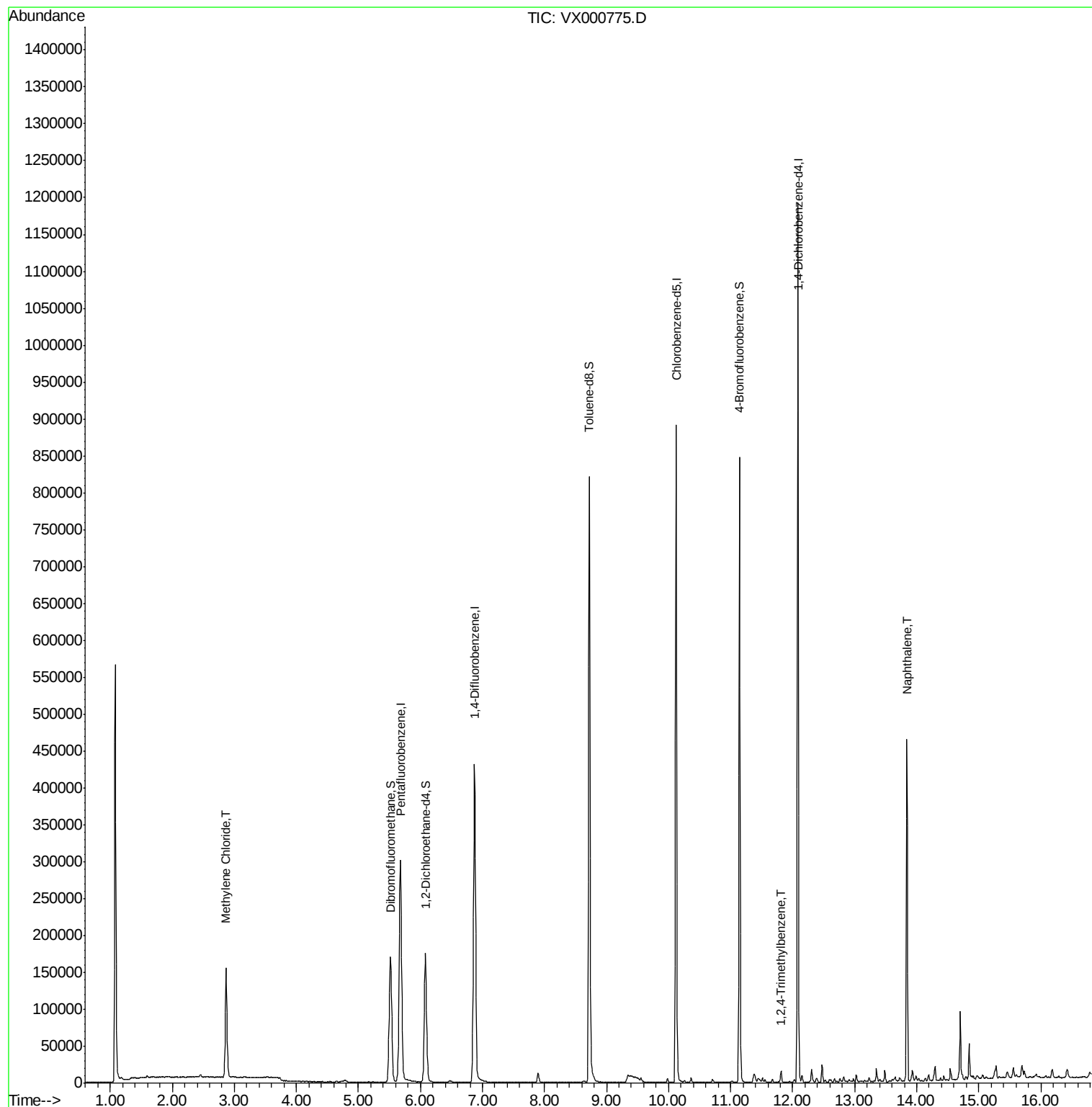
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	326387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	457442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	254614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	164996	40.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.18%	
35) Dibromofluoromethane	5.52	113	141644	40.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.38%	
50) Toluene-d8	8.73	98	525601	40.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.10%	
62) 4-Bromofluorobenzene	11.15	95	214301	39.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.94%	
Target Compounds						
20) Methylene Chloride	2.87	84	70523	21.37	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	6877	0.48	ug/l	100
95) Naphthalene	13.84	128	283787	15.32	ug/l	100

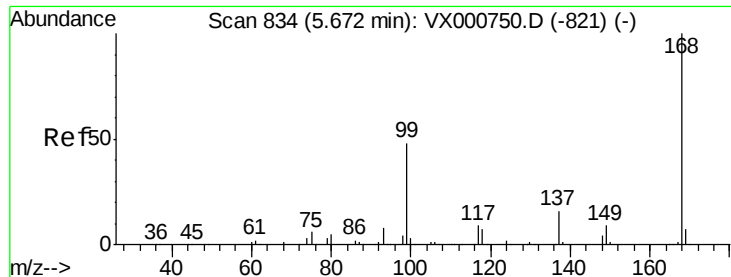
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000775.D

Acq: 11 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

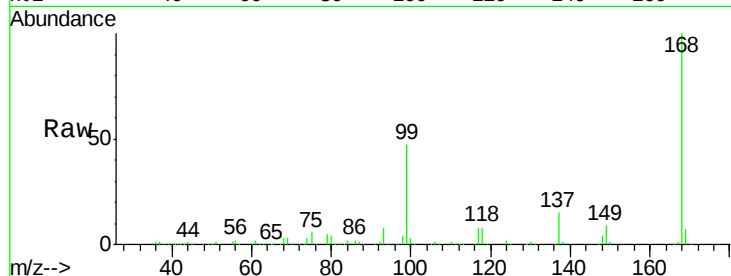
S1

Tot Ion:168 Resp: 326387

Ion Ratio Lower Upper

168 100

99 47.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

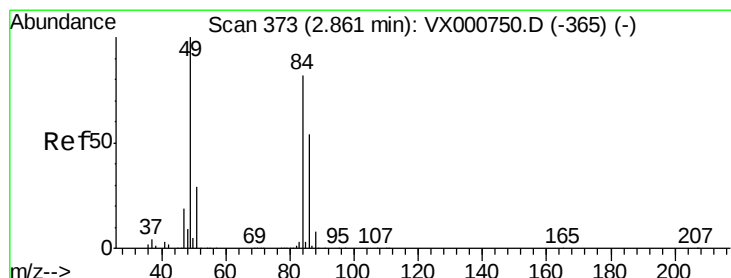
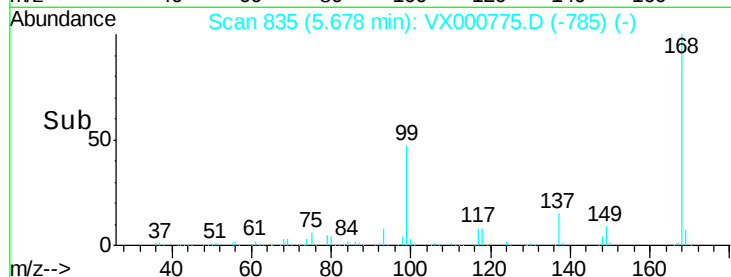
5.68

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 21.37 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000775.D

Acq: 11 Apr 2018 13:48

Tgt Ion: 84 Resp: 70523

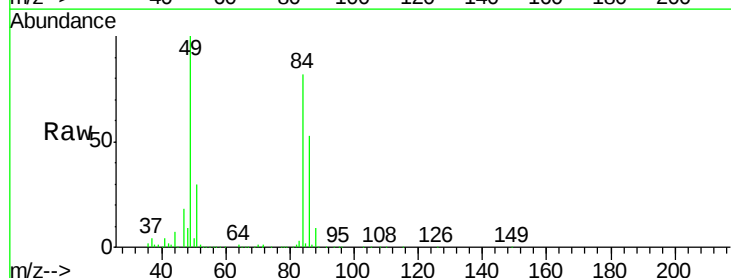
Ion Ratio Lower Upper

84 100

49 121.6 98.1 147.1

51 36.7 28.9 43.3

86 64.1 52.7 79.1



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

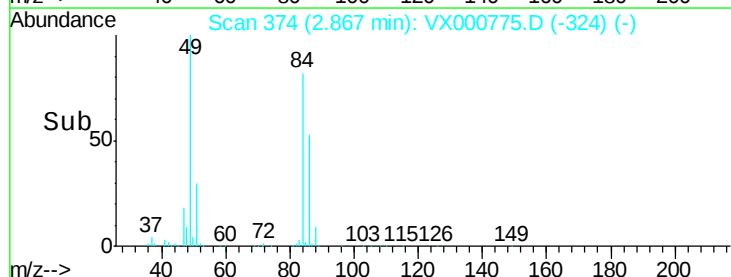
60000

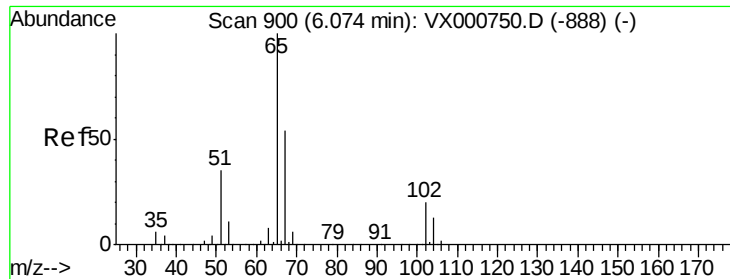
40000

20000

0

Time--> 2.80 2.90 3.00





#33

1,2-Dichloroethane-d4

Concen: 40.09 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000775.D

Acq: 11 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

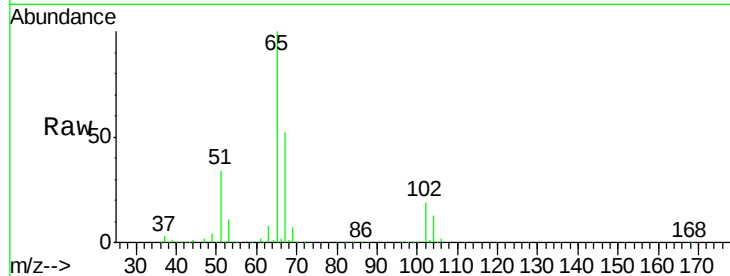
S1

Tot Ion: 65 Resp: 164996

Ion Ratio Lower Upper

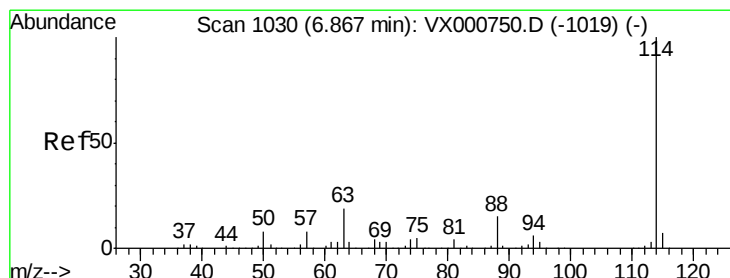
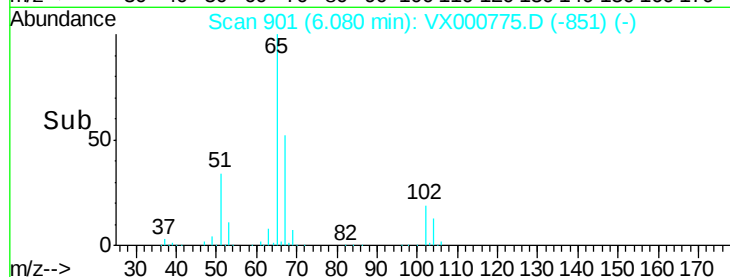
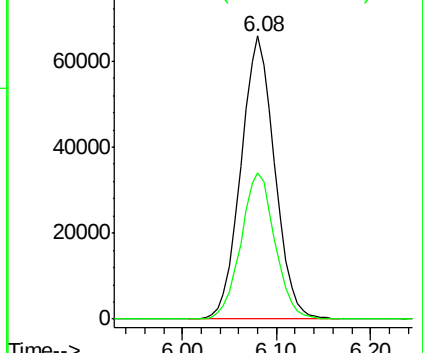
65 100

67 52.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000775.D

Acq: 11 Apr 2018 13:48

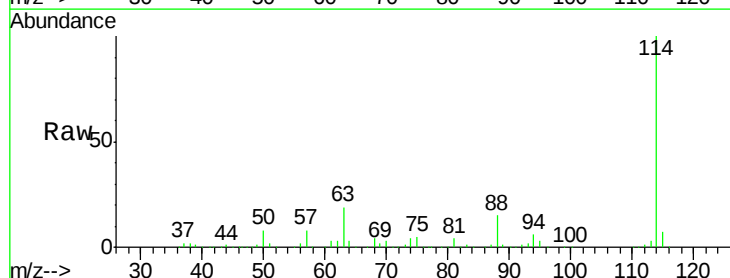
Tgt Ion: 114 Resp: 457442

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

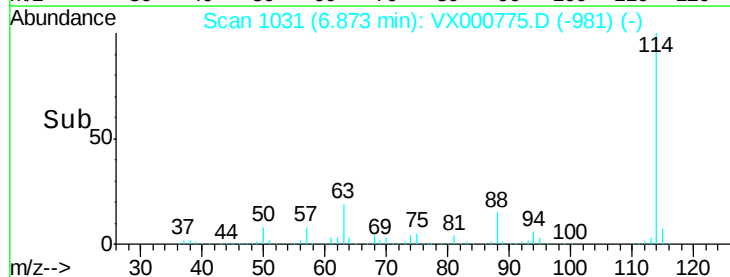
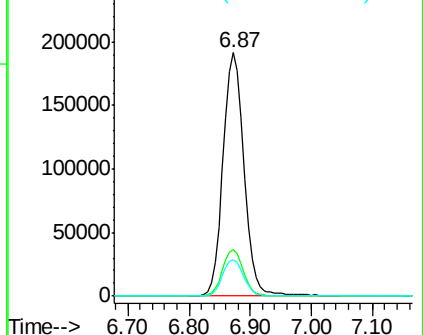
88 15.1 0.0 31.0

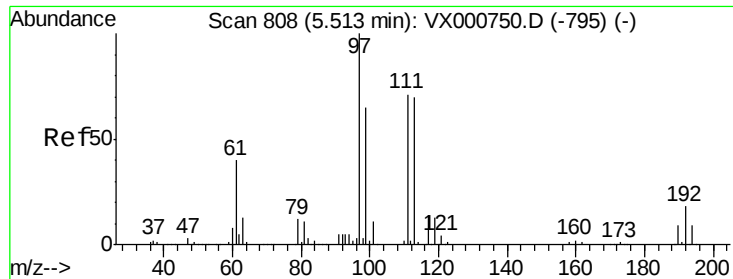


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 40.19 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000775.D

Acq: 11 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

S1

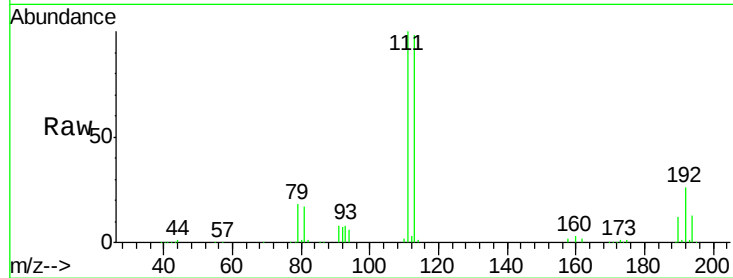
Tot Ion:113 Resp: 141644

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

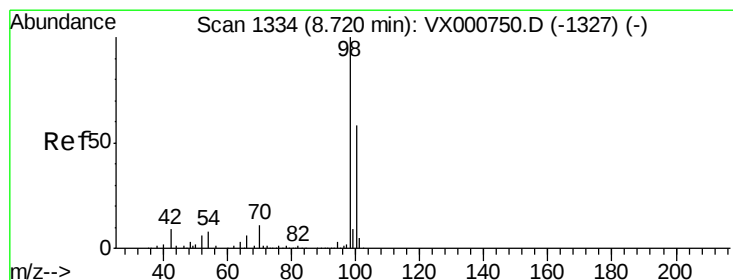
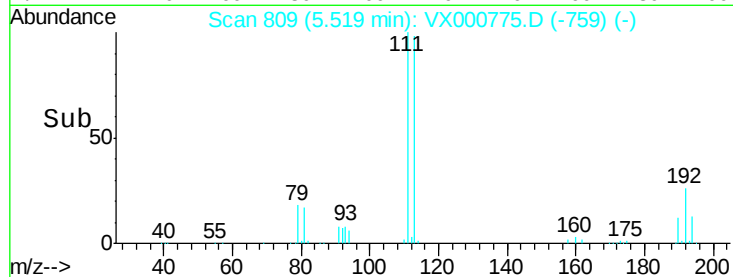
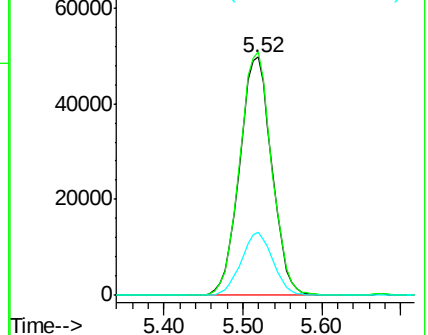
192 25.8 20.4 30.6



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: 40.05 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000775.D

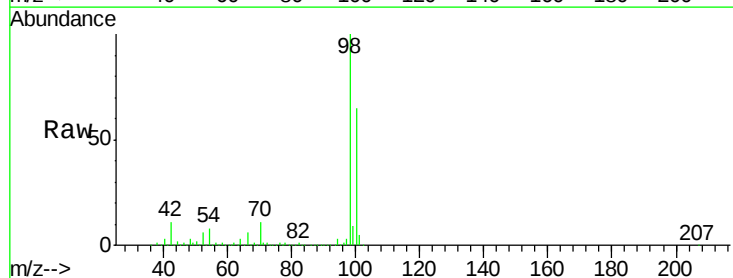
Acq: 11 Apr 2018 13:48

Tgt Ion: 98 Resp: 525601

Ion Ratio Lower Upper

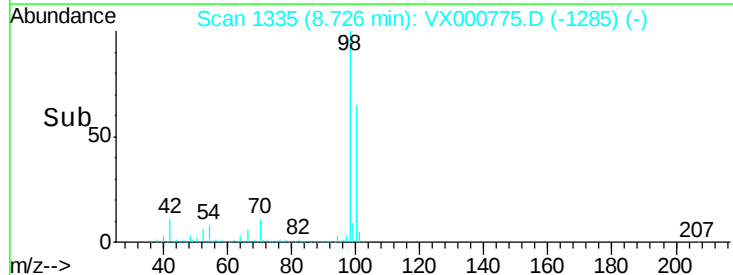
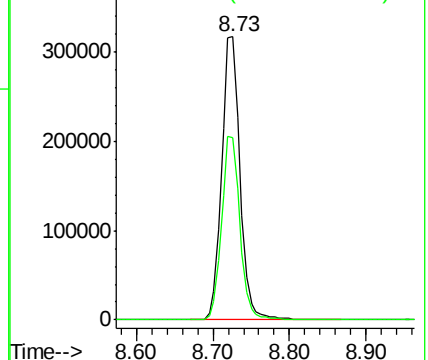
98 100

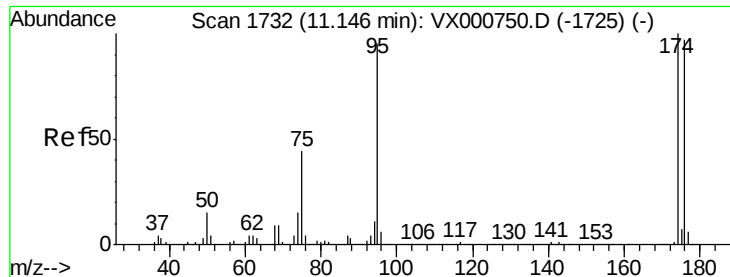
100 64.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

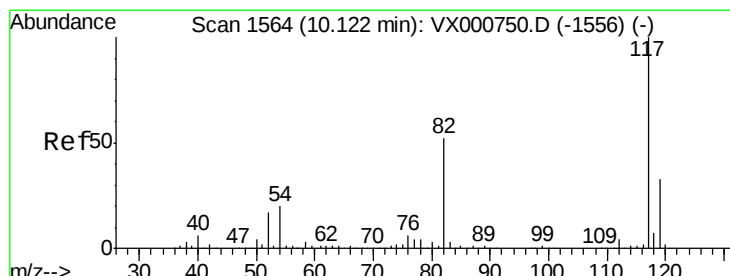
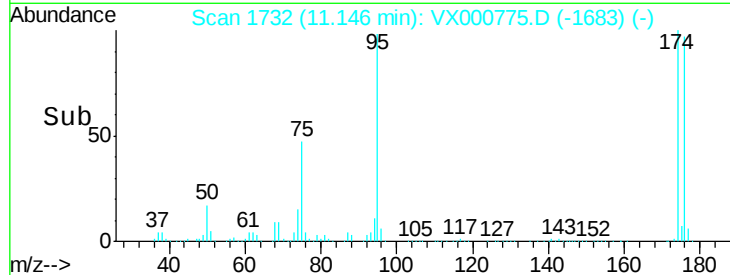
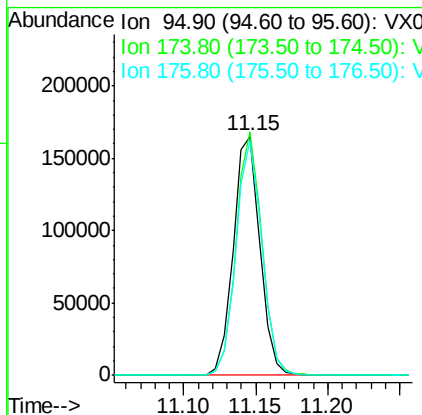
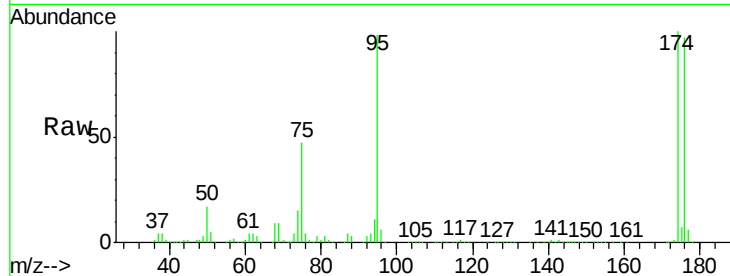




#62
4-Bromofluorobenzene
Concen: 39.47 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000775.D
Acq: 11 Apr 2018 13:48

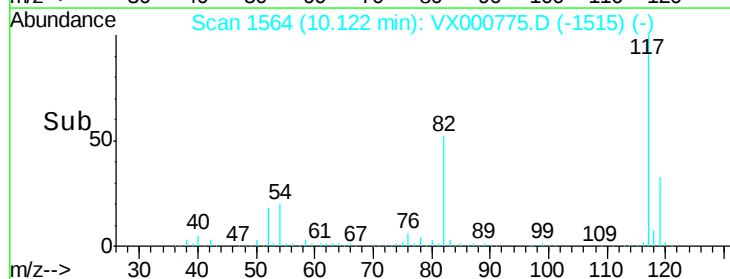
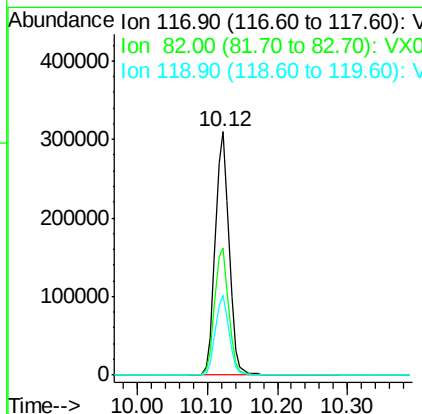
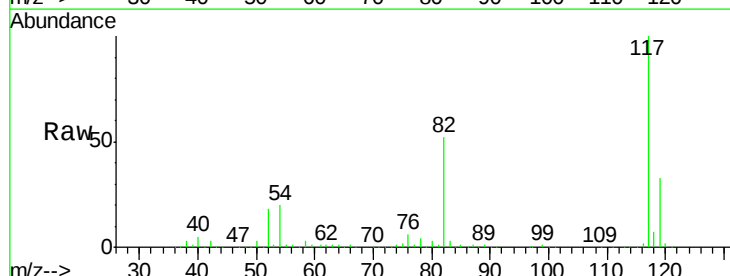
Instrument :
MSVOA_X
ClientSampleId :
S1

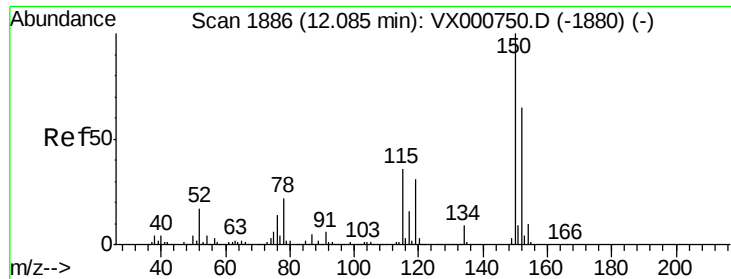
Tot Ion: 95 Resp: 214301
Ion Ratio Lower Upper
95 100
174 98.3 0.0 198.4
176 95.3 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000775.D
Acq: 11 Apr 2018 13:48

Tgt Ion: 117 Resp: 426085
Ion Ratio Lower Upper
117 100
82 52.1 41.9 62.9
119 32.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000775.D

Acq: 11 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

S1

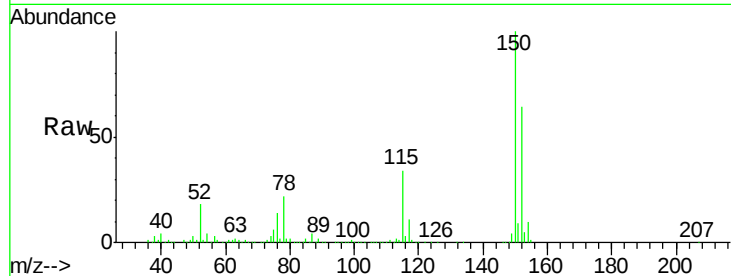
Tot Ion:152 Resp: 254614

Ion Ratio Lower Upper

152 100

115 53.1 37.9 113.7

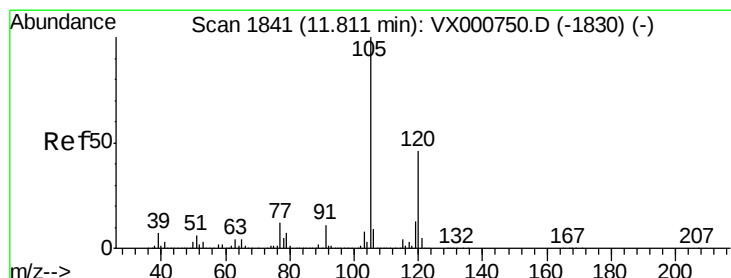
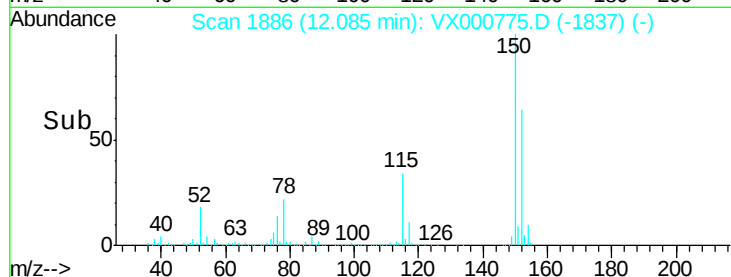
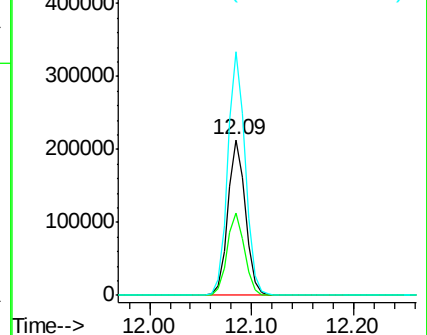
150 156.1 0.0 348.0



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



#84

1,2,4-Trimethylbenzene

Concen: 0.48 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX000775.D

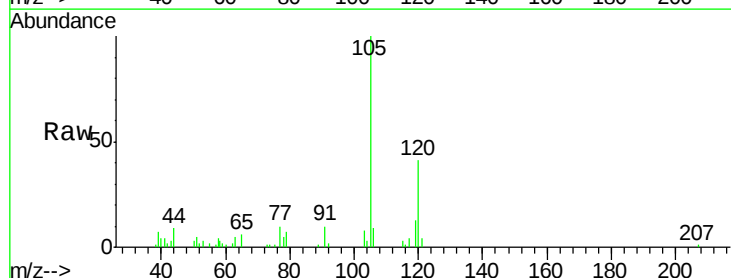
Acq: 11 Apr 2018 13:48

Tgt Ion:105 Resp: 6877

Ion Ratio Lower Upper

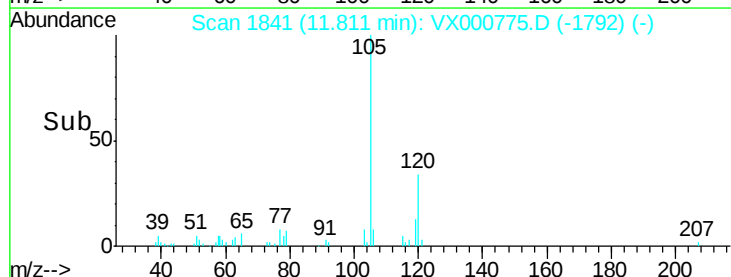
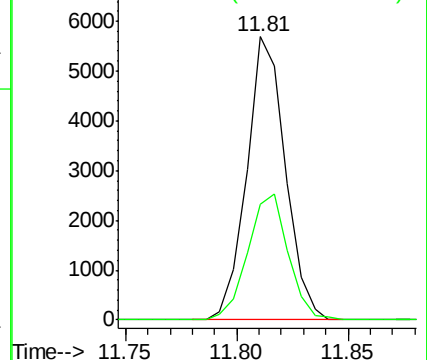
105 100

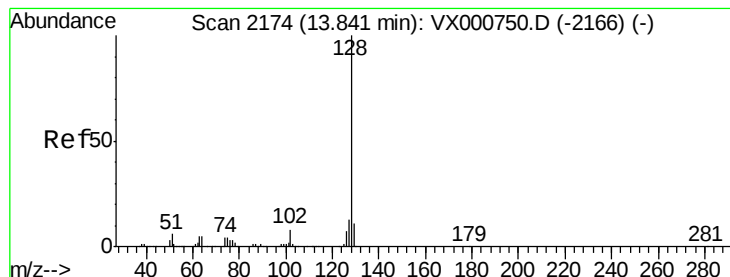
120 46.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 15.32 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000775.D

Acq: 11 Apr 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

S1

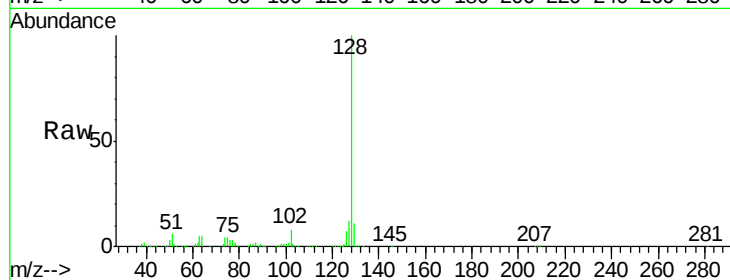
Tot Ion:128 Resp: 283787

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 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

