

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002618.D
 Acq On : 16 Jun 2018 01:01
 Operator : JC/MD
 Sample : J3467-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04-061118

Quant Time: Jun 16 06:43:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

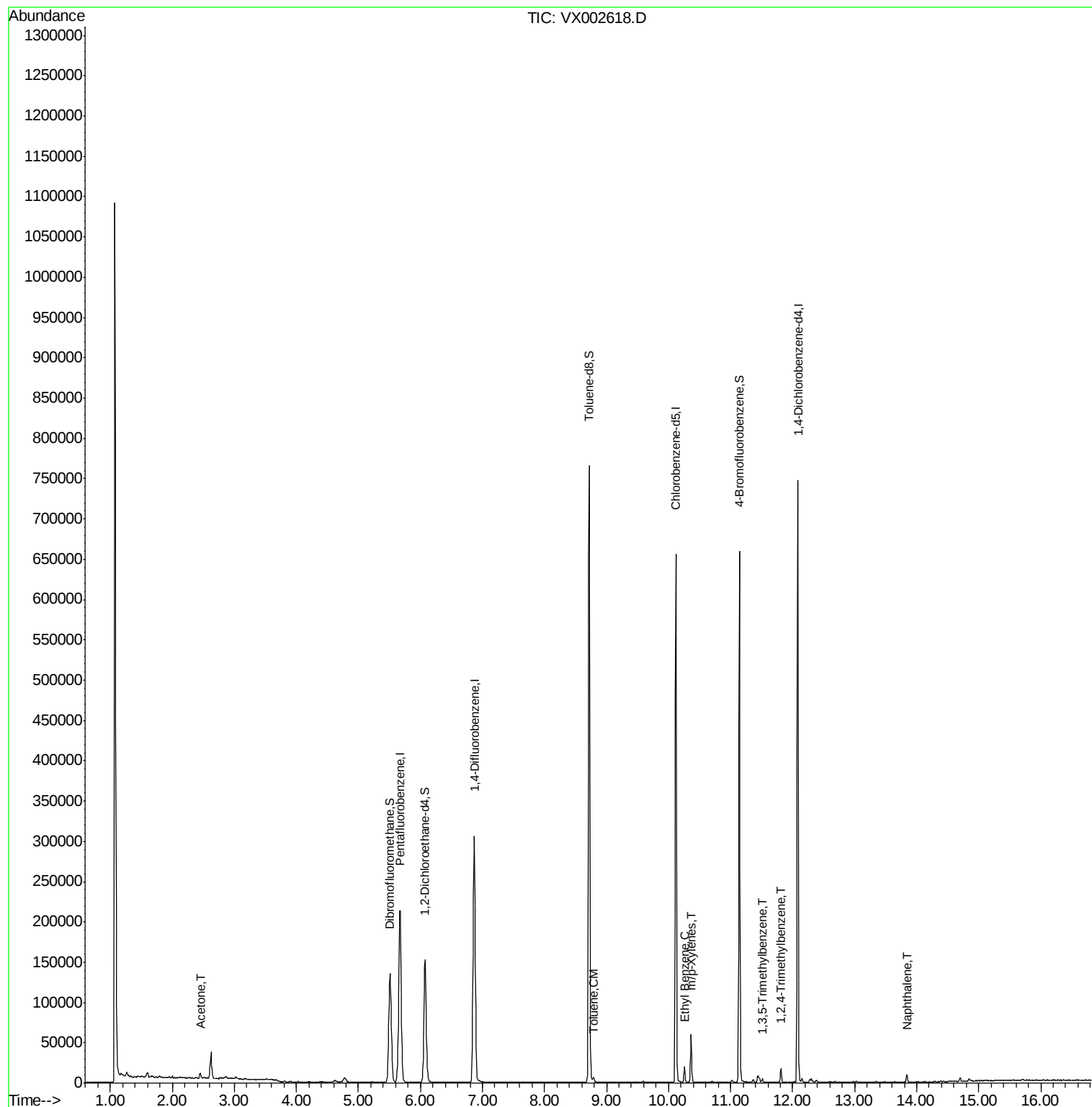
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153449	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145082	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
35) Dibromofluoromethane	5.51	113	109861	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
50) Toluene-d8	8.72	98	436418	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	149716	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
Target Compounds						
16) Acetone	2.45	43	6812	4.76	ug/l	99
52) Toluene	8.79	92	1731	0.28	ug/l	98
67) Ethyl Benzene	10.26	91	10498	0.91	ug/l	96
68) m/p-Xylenes	10.36	106	13582	3.05	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	2011	0.23	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	7556	0.85	ug/l	96
95) Naphthalene	13.84	128	5864	0.57	ug/l	99

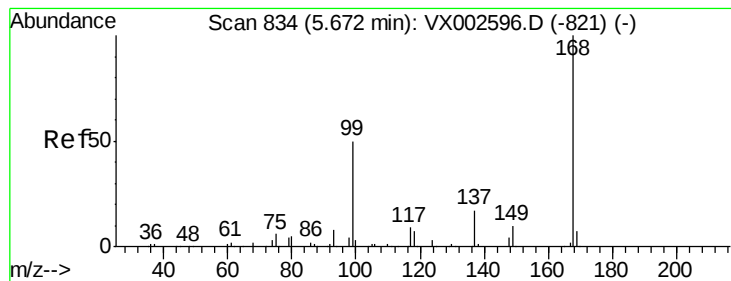
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 06:43:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002618.D

Acq: 16 Jun 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

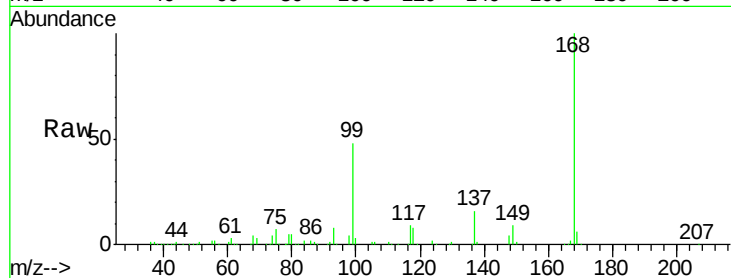
PR-MW-04-061118

Tot Ion:168 Resp: 213357

Ion Ratio Lower Upper

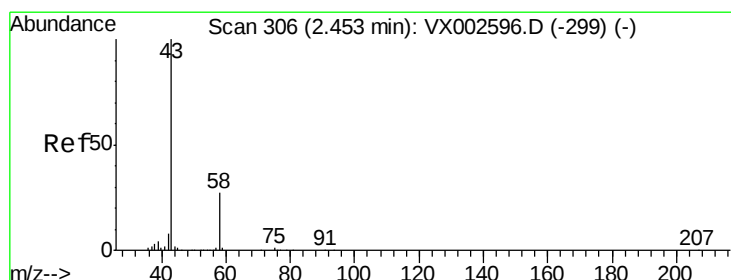
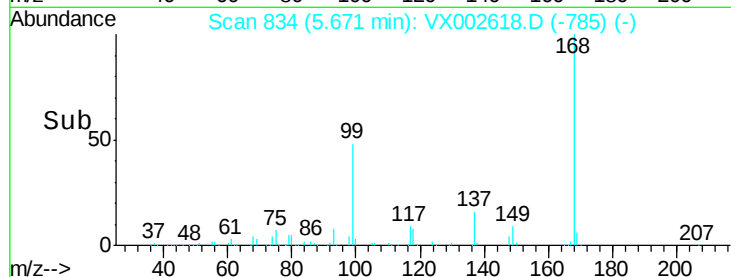
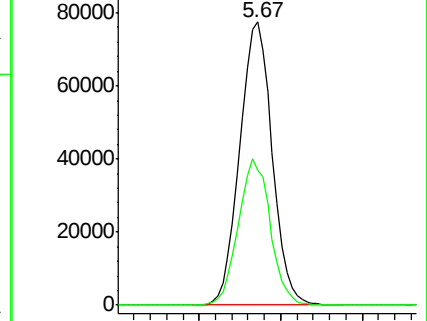
168 100

99 47.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.76 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002618.D

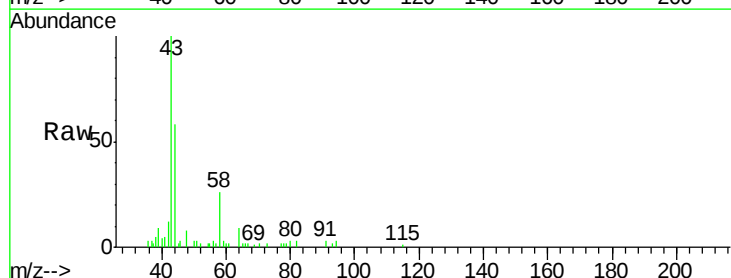
Acq: 16 Jun 2018 01:01

Tgt Ion: 43 Resp: 6812

Ion Ratio Lower Upper

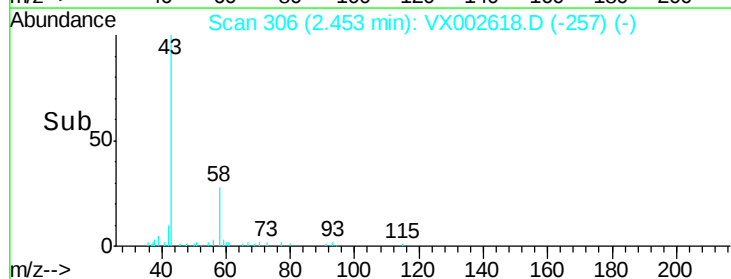
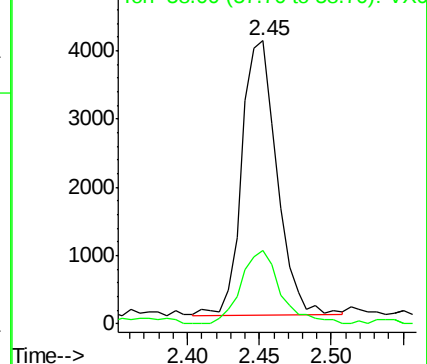
43 100

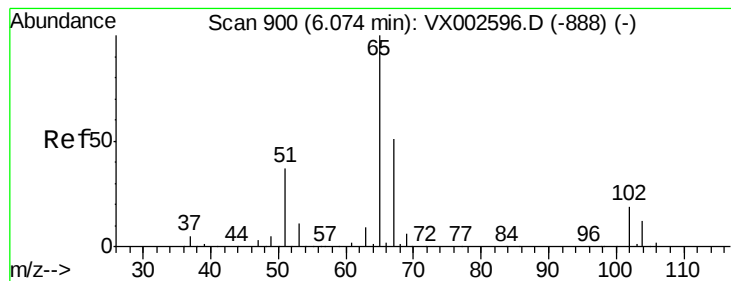
58 27.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.75 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002618.D

Acq: 16 Jun 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

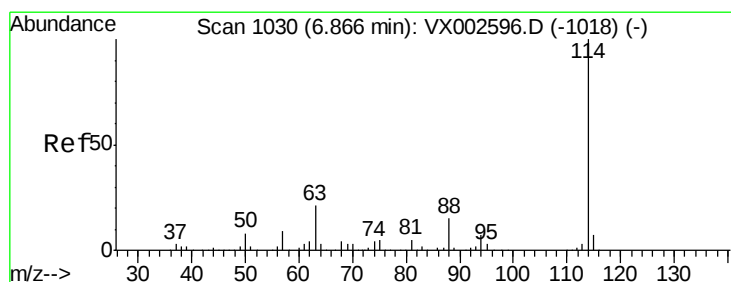
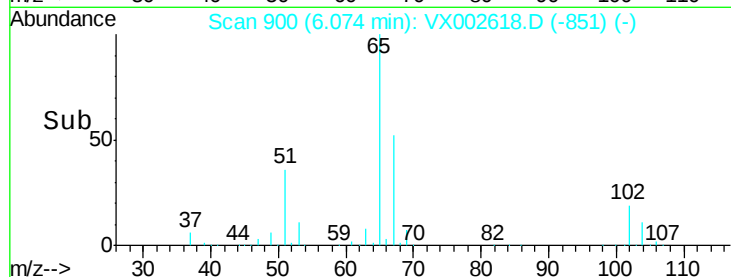
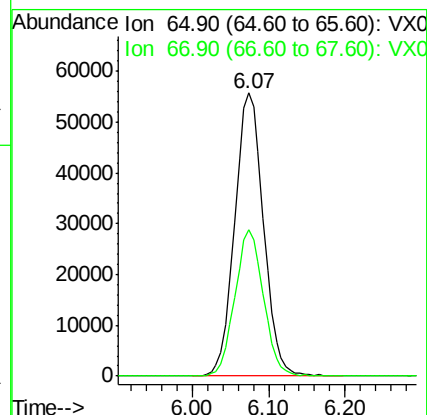
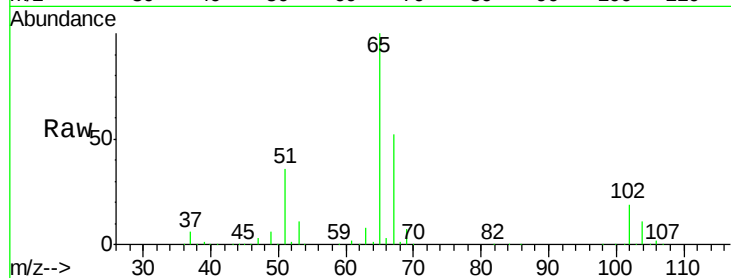
PR-MW-04-061118

Tot Ion: 65 Resp: 145082

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002618.D

Acq: 16 Jun 2018 01:01

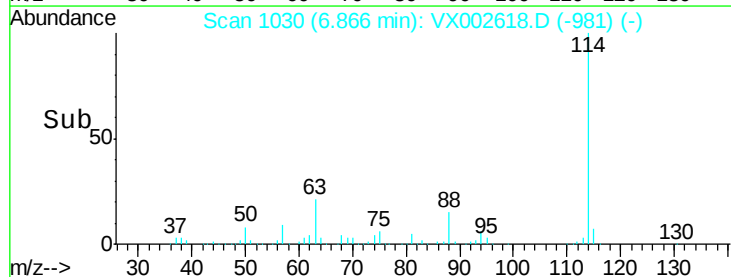
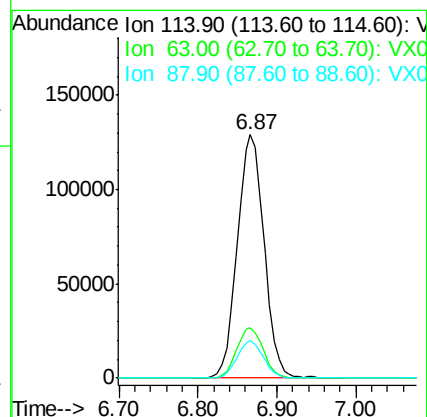
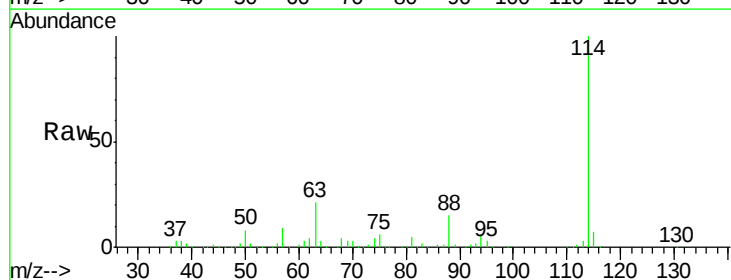
Tgt Ion: 114 Resp: 304828

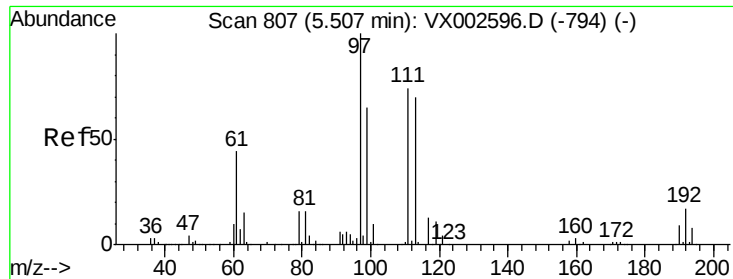
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

88 15.4 0.0 30.0

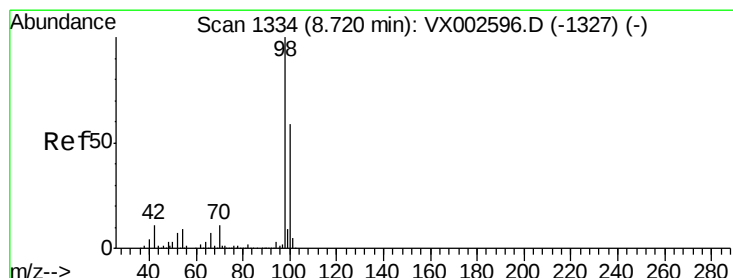
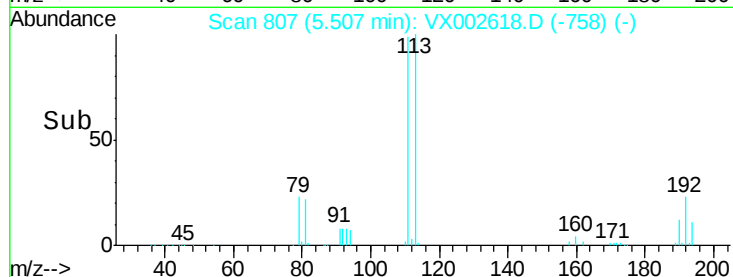
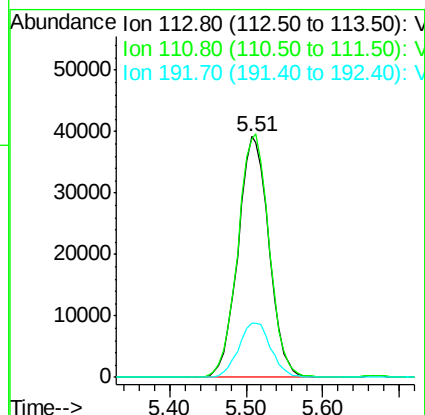
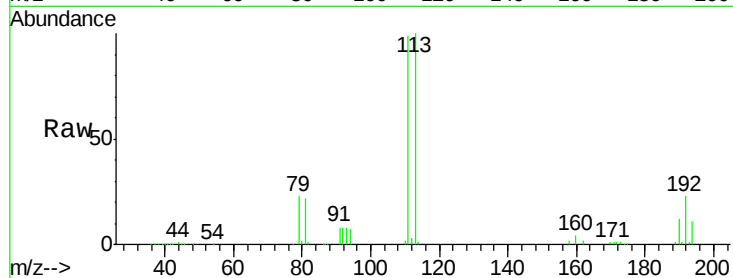




#35
 Dibromofluoromethane
 Concen: 45.16 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002618.D
 Acq: 16 Jun 2018 01:01

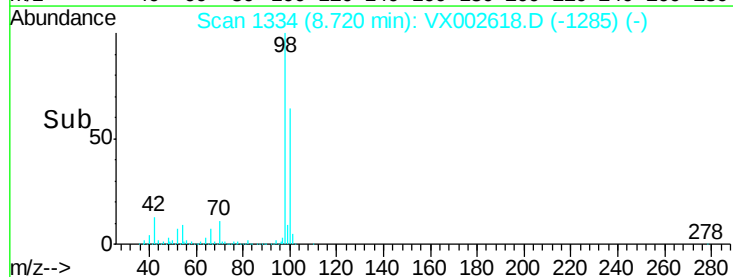
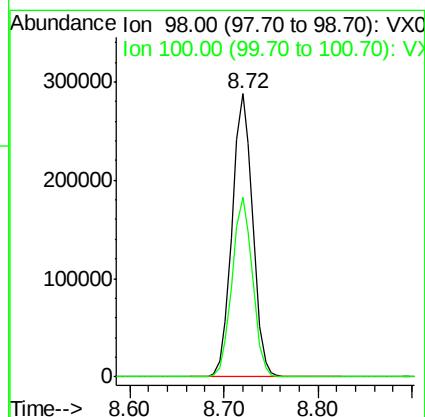
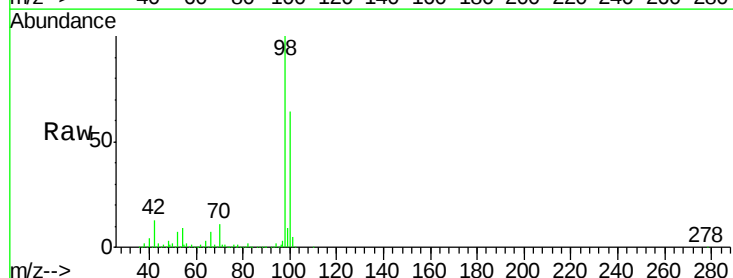
Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-04-061118

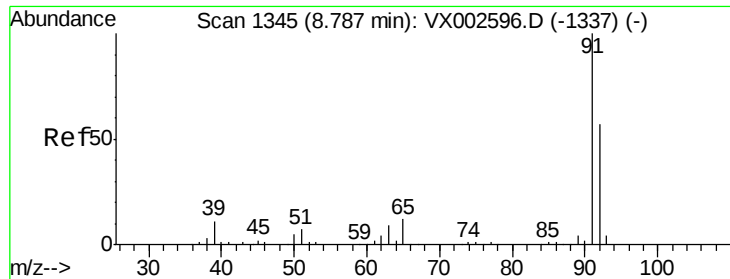
Tot Ion:113 Resp: 109861
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 23.5 19.1 28.7



#50
 Toluene-d8
 Concen: 47.24 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002618.D
 Acq: 16 Jun 2018 01:01

Tgt Ion: 98 Resp: 436418
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.9 76.3





#52

Toluene

Concen: 0.28 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002618.D

Acq: 16 Jun 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

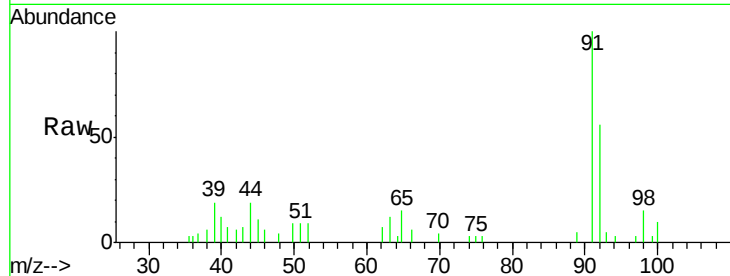
PR-MW-04-061118

Tot Ion: 92 Resp: 1731

Ion Ratio Lower Upper

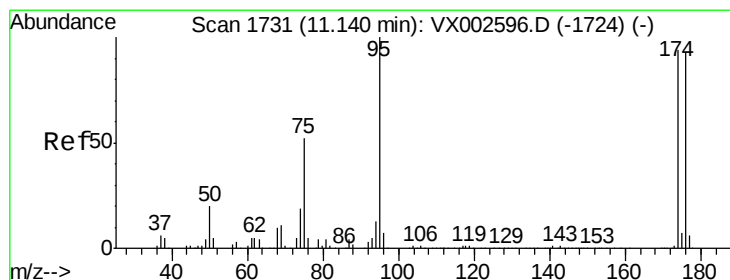
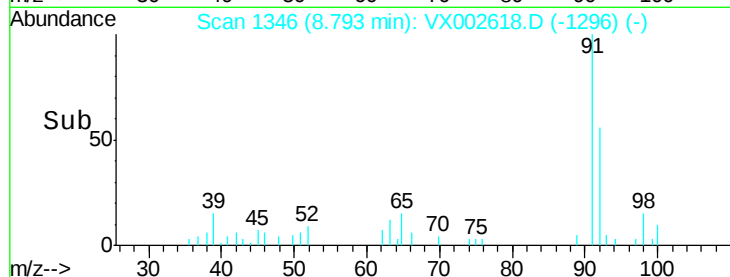
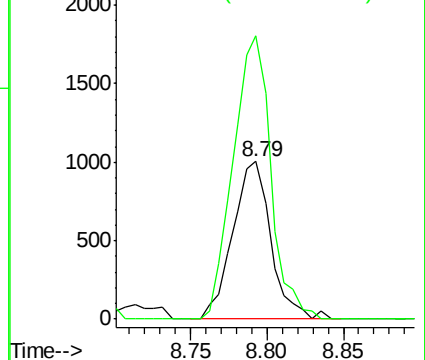
92 100

91 177.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 42.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002618.D

Acq: 16 Jun 2018 01:01

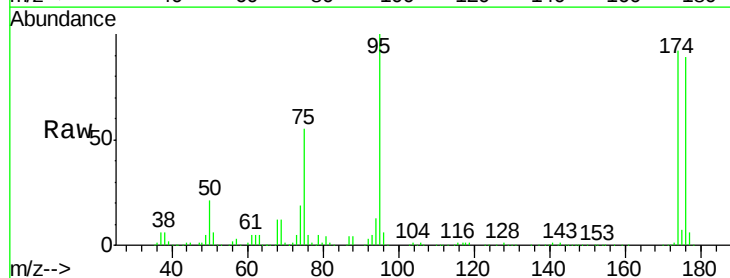
Tgt Ion: 95 Resp: 149716

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.4

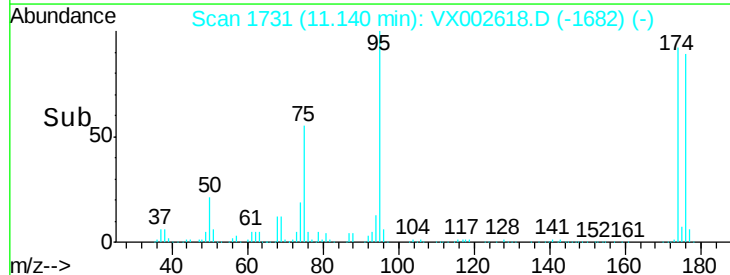
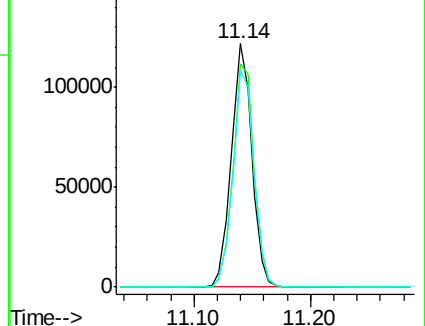
176 91.3 0.0 181.0

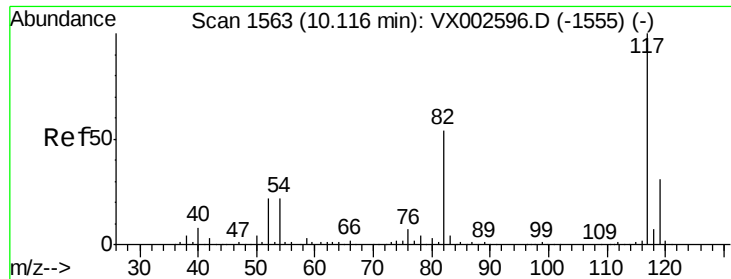


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

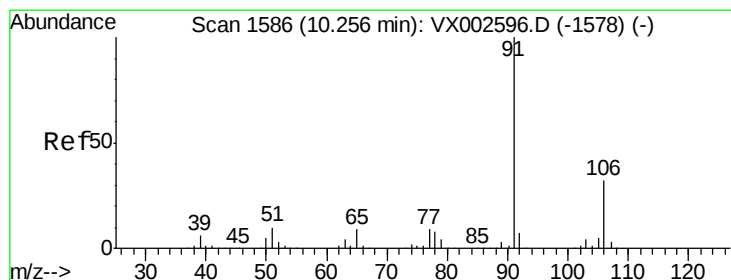
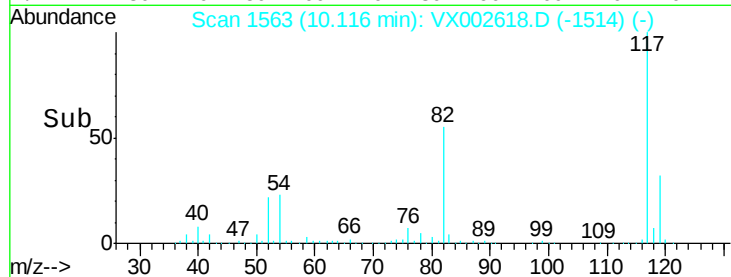
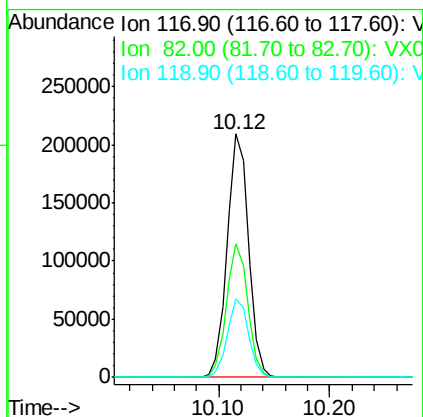
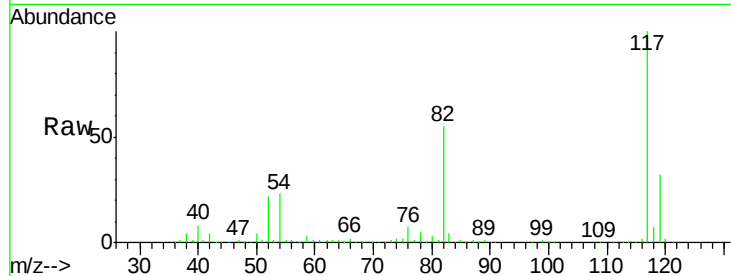




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002618.D
Acq: 16 Jun 2018 01:01

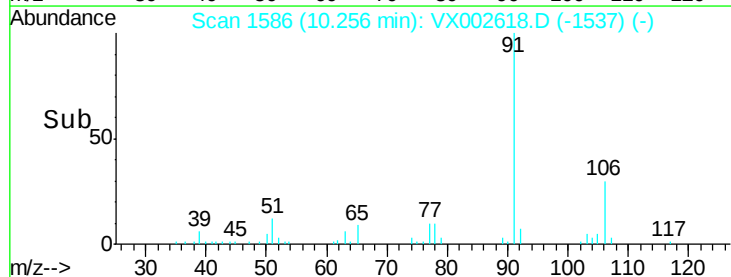
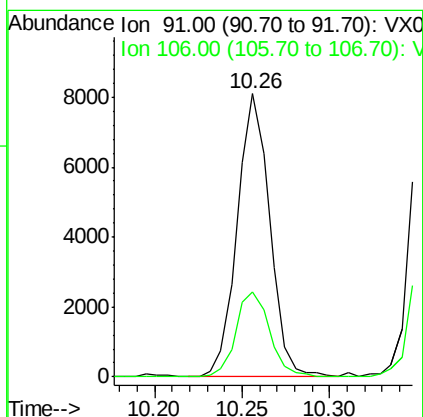
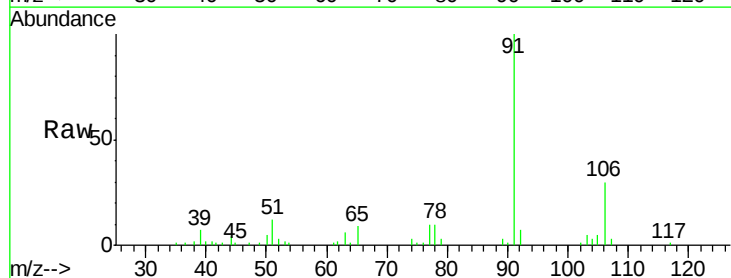
Instrument :
MSVOA_X
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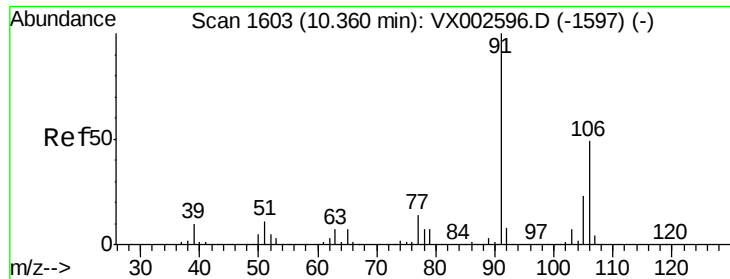
Tot Ion:117 Resp: 278577
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.1 25.8 38.6



#67
Ethyl Benzene
Concen: 0.91 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002618.D
Acq: 16 Jun 2018 01:01

Tgt Ion: 91 Resp: 10498
Ion Ratio Lower Upper
91 100
106 29.9 25.5 38.3

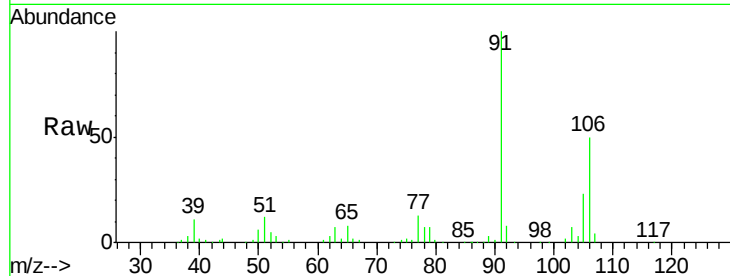




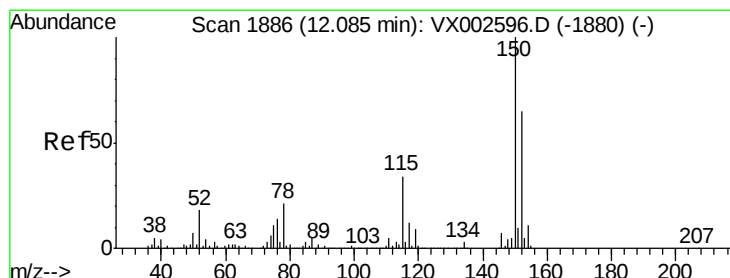
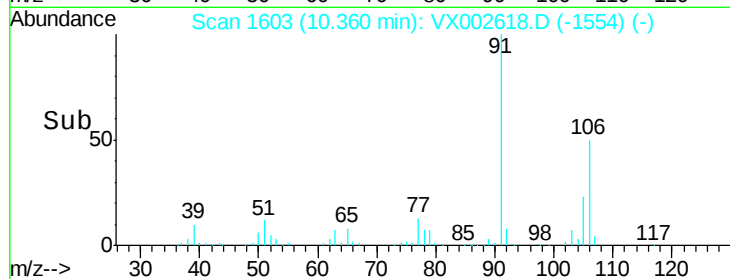
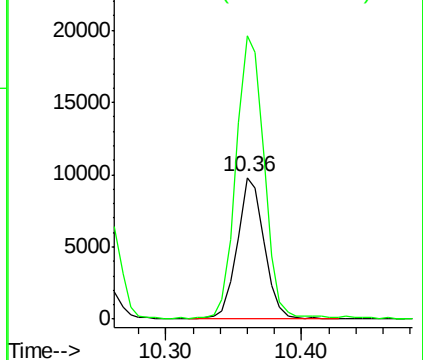
#68
m/p-Xvlenes
Concen: 3.05 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002618.D
Acq: 16 Jun 2018 01:01

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-04-061118

Tot Ion:106 Resp: 13582
Ion Ratio Lower Upper
106 100
91 208.4 163.4 245.2

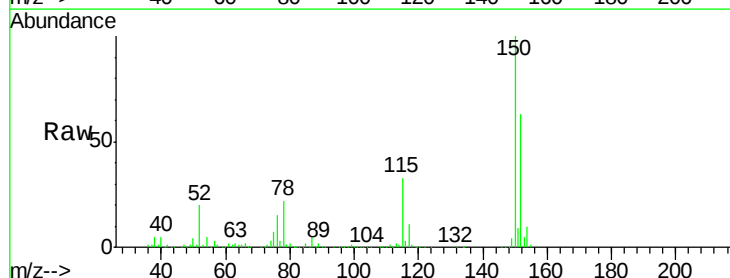


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

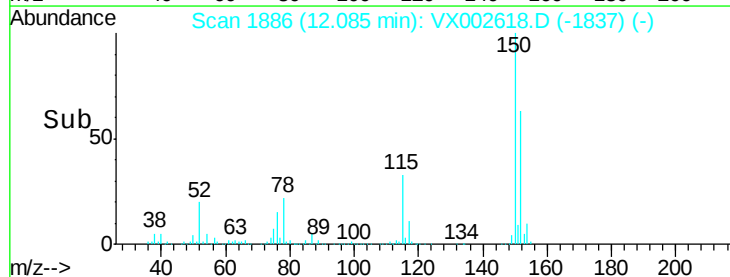
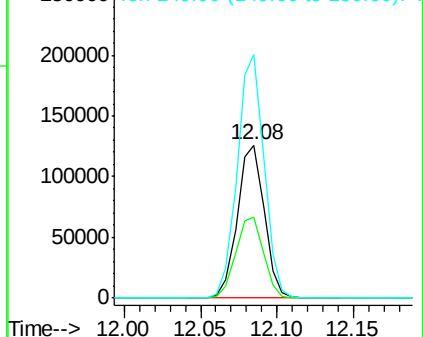


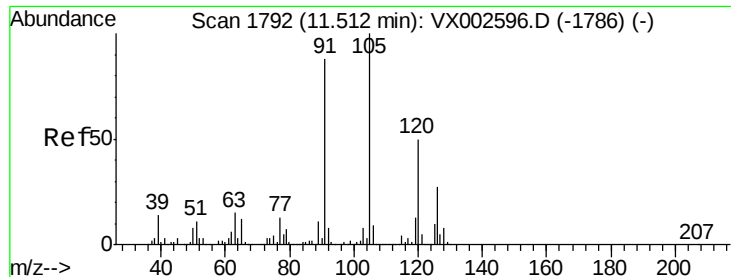
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002618.D
Acq: 16 Jun 2018 01:01

Tgt Ion:152 Resp: 153449
Ion Ratio Lower Upper
152 100
115 54.3 40.1 120.2
150 158.4 0.0 347.2



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





#80

1,3,5-Trimethylbenzene

Concen: 0.23 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002618.D

Acq: 16 Jun 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

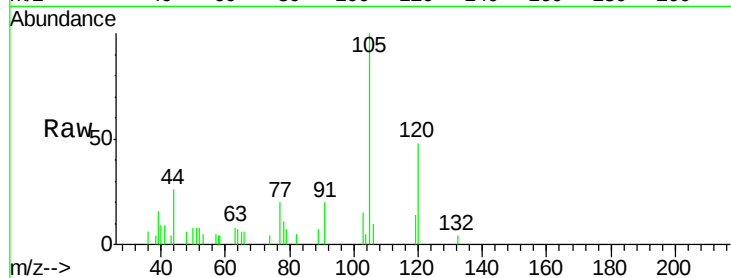
PR-MW-04-061118

Tot Ion:105 Resp: 2011

Ion Ratio Lower Upper

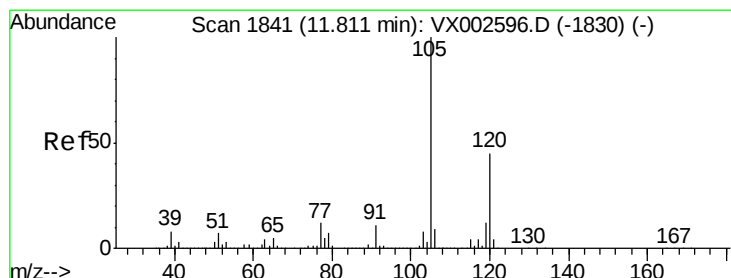
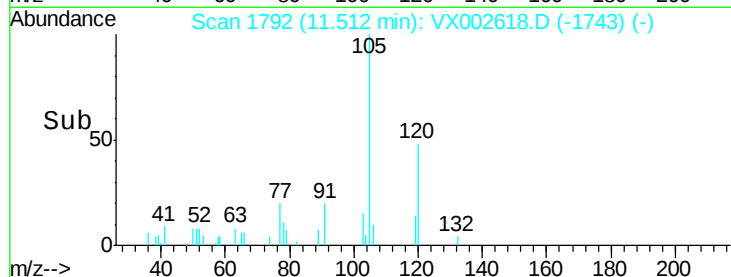
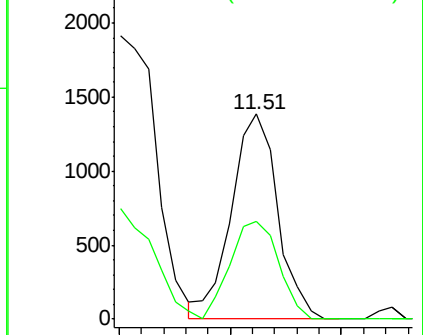
105 100

120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.85 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002618.D

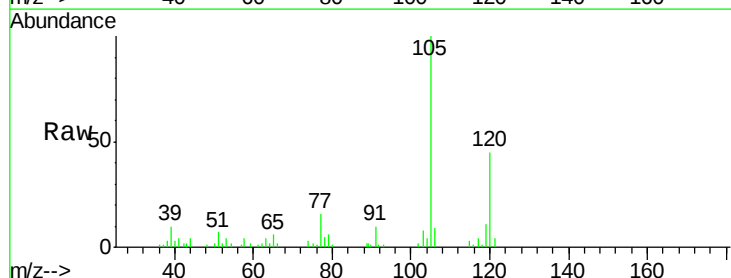
Acq: 16 Jun 2018 01:01

Tgt Ion:105 Resp: 7556

Ion Ratio Lower Upper

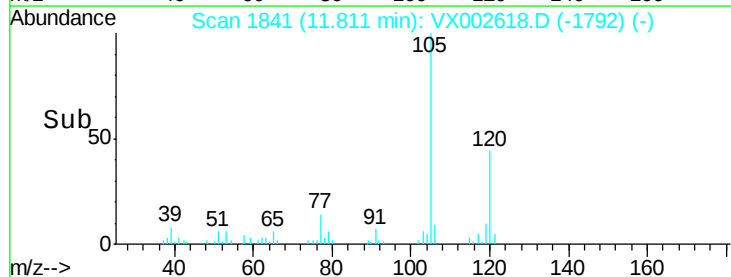
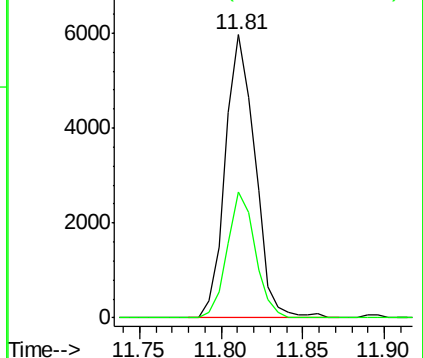
105 100

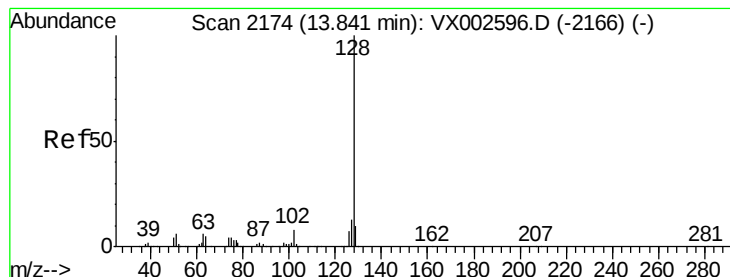
120 41.8 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002618.D

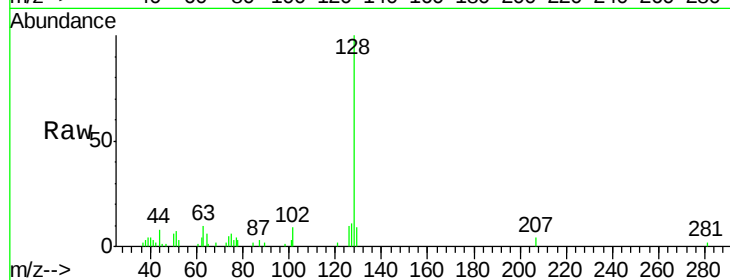
Acq: 16 Jun 2018 01:01

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-04-061118



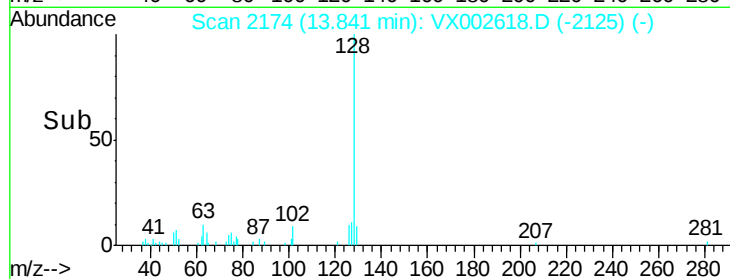
Tot Ion:128 Resp: 5864

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 10.6 8.6 13.0



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

