

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000777.D
 Acq On : 11 Apr 2018 14:39
 Operator : JC/MD
 Sample : J2216-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW27S-GWDL

Quant Time: Apr 11 15:25:20 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

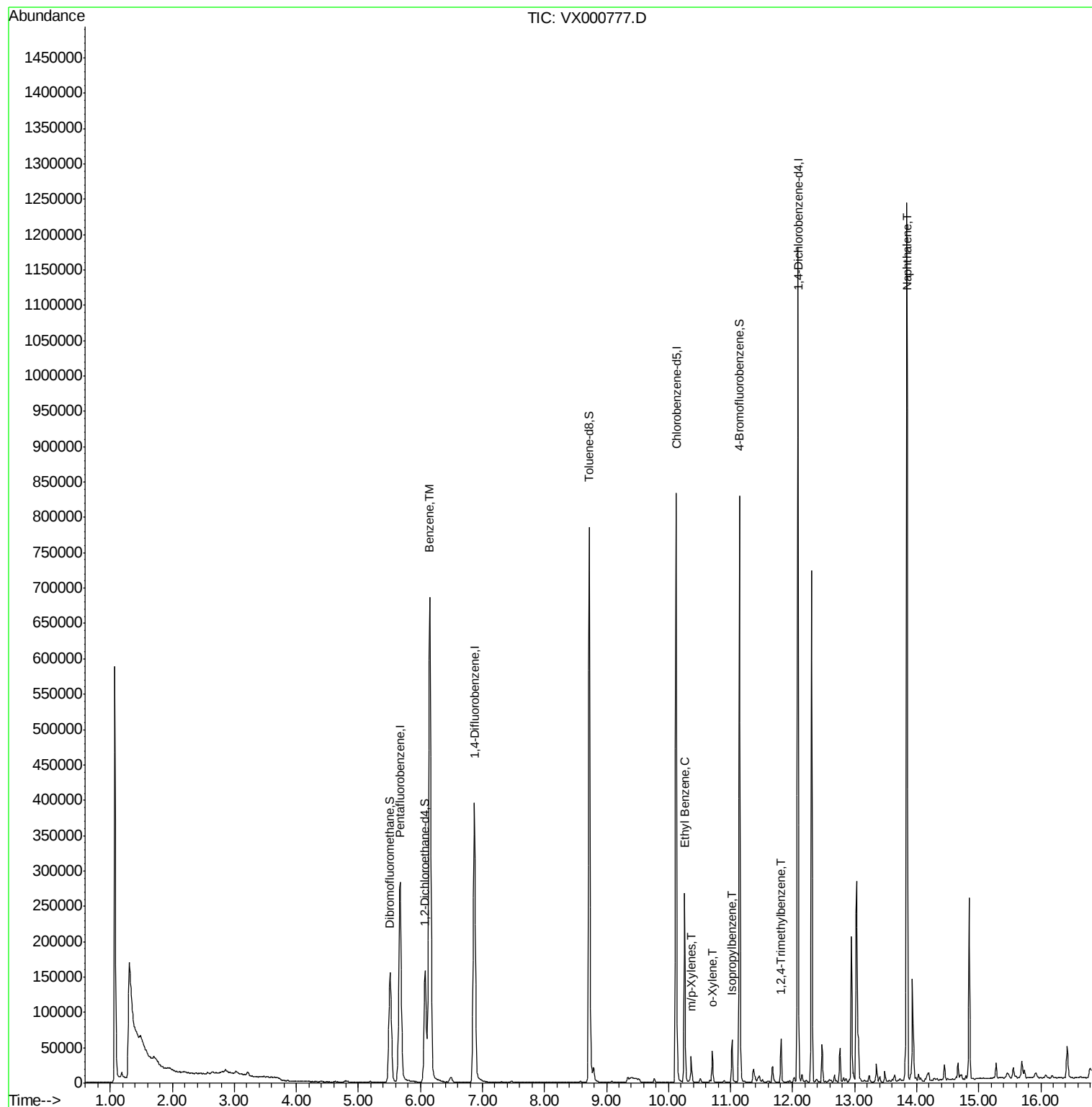
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	425530	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	405247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	253209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152895	39.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.56%	
35) Dibromofluoromethane	5.51	113	129904	39.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.24%	
50) Toluene-d8	8.72	98	493654	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.88%	
62) 4-Bromofluorobenzene	11.15	95	207744	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
Target Compounds						
40) Benzene	6.15	78	836653	64.25	ug/l	99
67) Ethyl Benzene	10.26	91	160430	9.44	ug/l	98
68) m/p-Xylenes	10.37	106	8301	1.24	ug/l	100
69) o-Xylene	10.71	106	9732	1.51	ug/l	95
73) Isopropylbenzene	11.02	105	30259	1.88	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	27147	1.90	ug/l	99
95) Naphthalene	13.84	128	755358	41.00	ug/l	100

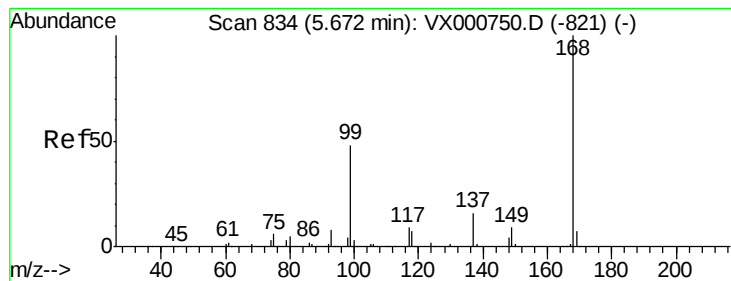
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000777.D

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Instrument :

MSVOA_X

ClientSampleId :

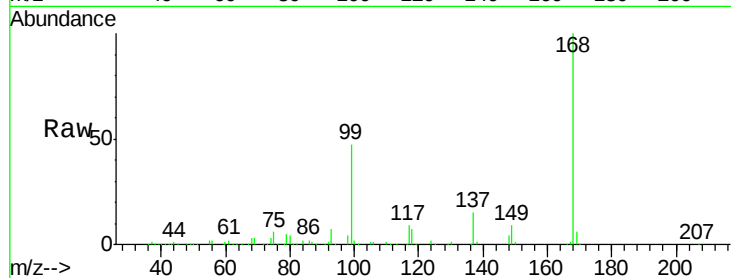
QNWP8-MW27S-GWDL

Tot Ion:168 Resp: 304819

Ion Ratio Lower Upper

168 100

99 47.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

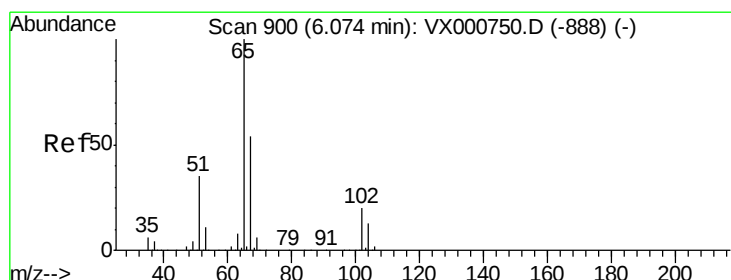
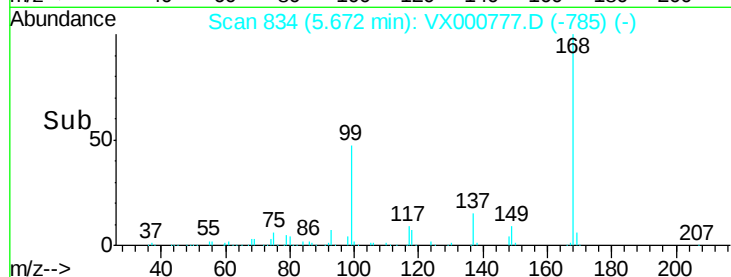
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 39.78 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000777.D

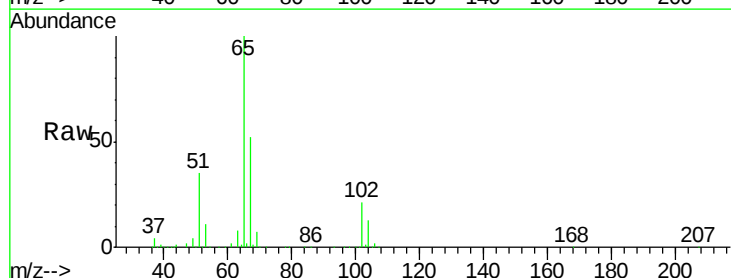
Acq: 11 Apr 2018 14:39

Tgt Ion: 65 Resp: 152895

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

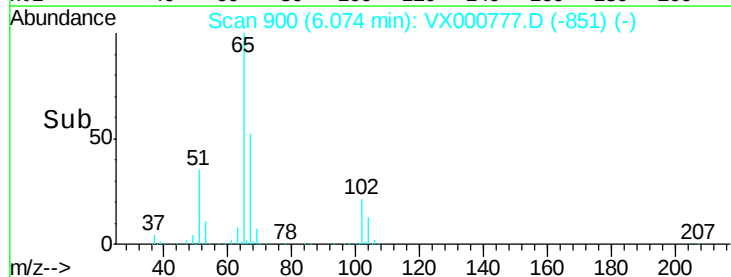
60000

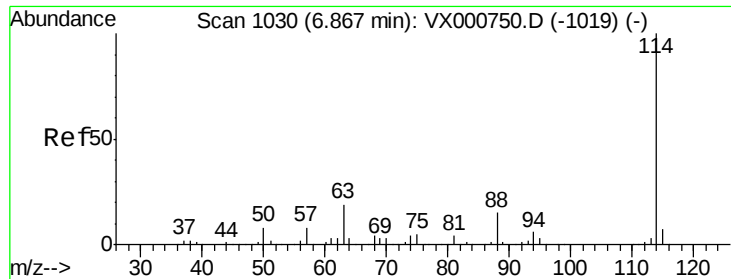
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

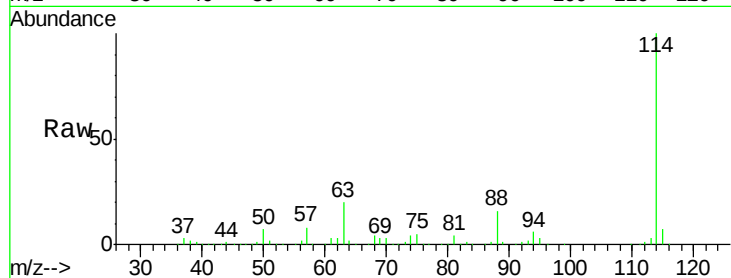




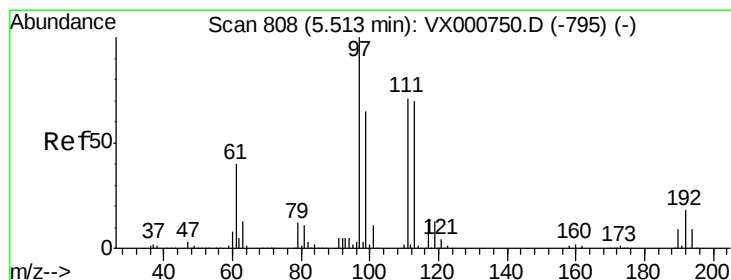
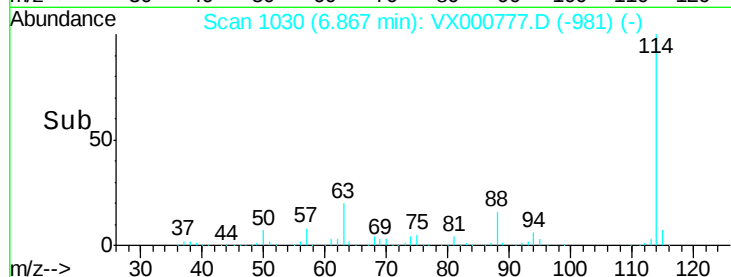
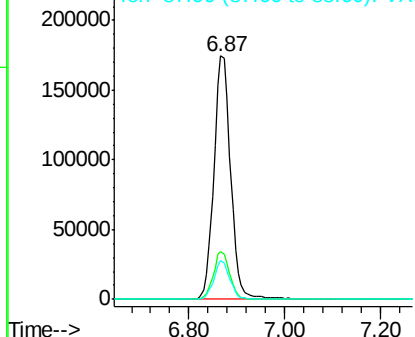
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX000777.D
Acq: 11 Apr 2018 14:39

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tot Ion:114 Resp: 425530
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.4
88 15.8 0.0 31.0

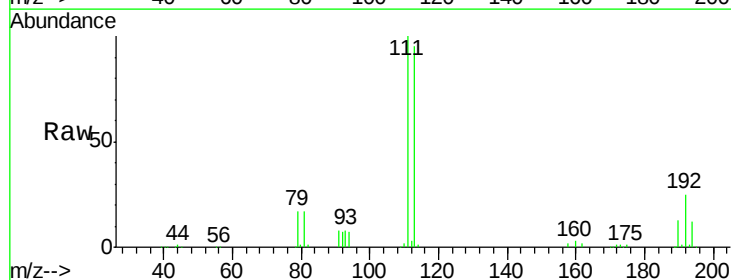


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

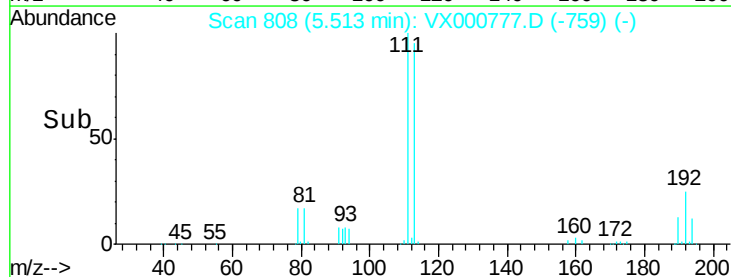
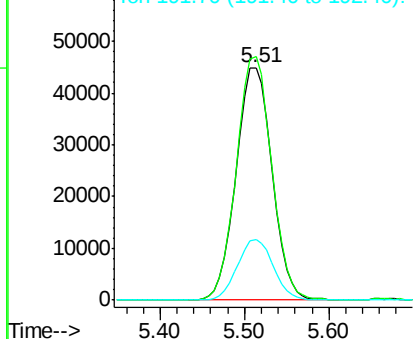


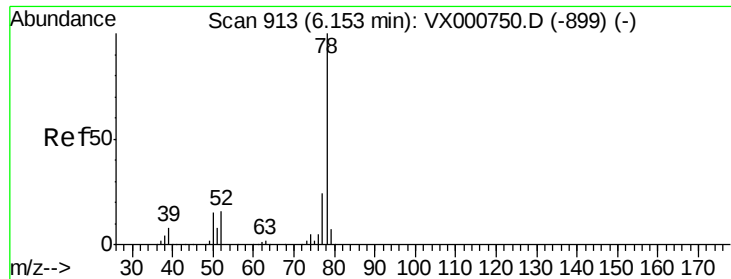
#35
Dibromofluoromethane
Concen: 39.62 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000777.D
Acq: 11 Apr 2018 14:39

Tgt Ion:113 Resp: 129904
Ion Ratio Lower Upper
113 100
111 102.9 81.5 122.3
192 26.0 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





#40

Benzene

Concen: 64.25 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000777.D

Acq: 11 Apr 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

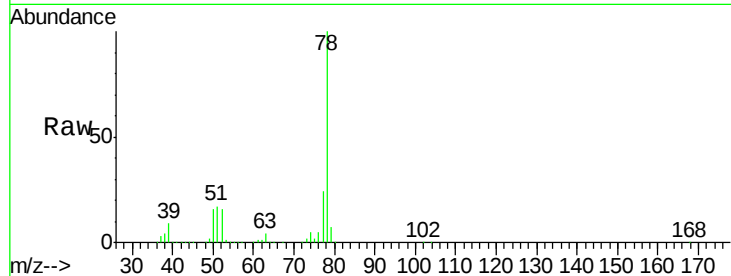
QNWP8-MW27S-GWDL

Tot Ion: 78 Resp: 836653

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

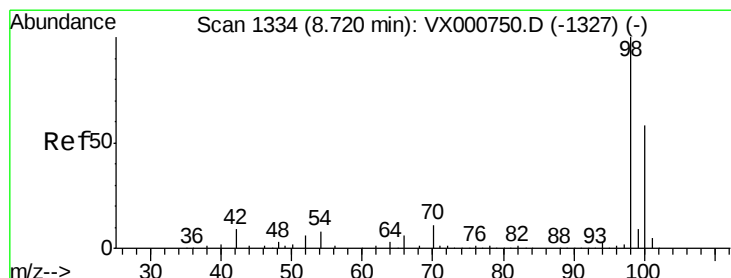
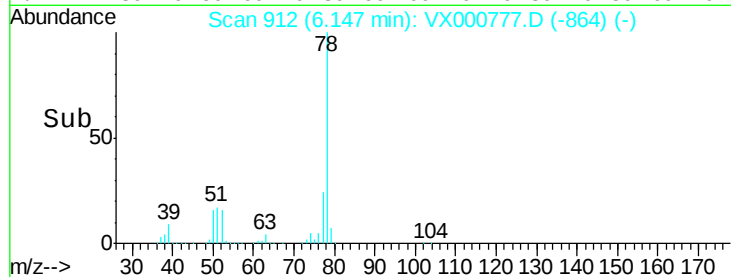
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 40.44 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000777.D

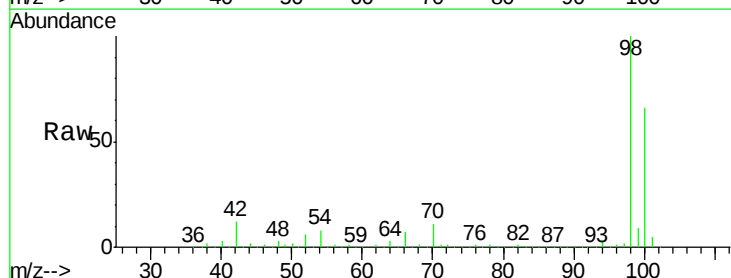
Acq: 11 Apr 2018 14:39

Tgt Ion: 98 Resp: 493654

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

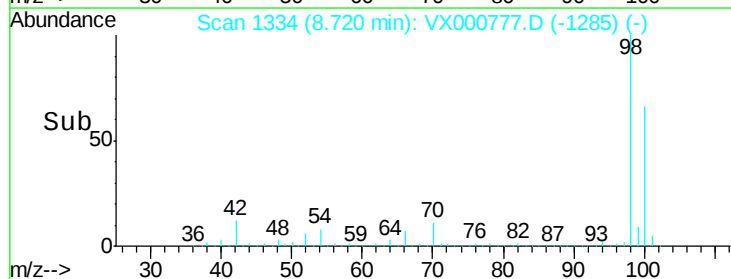
300000

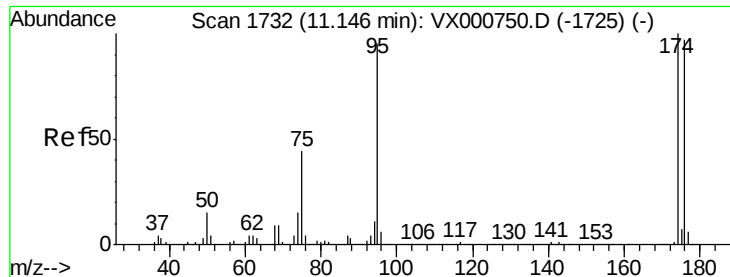
200000

100000

0

Time-->

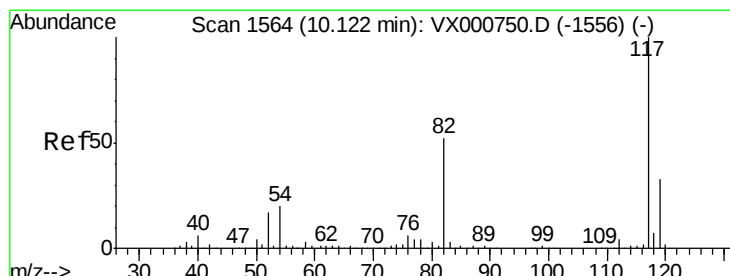
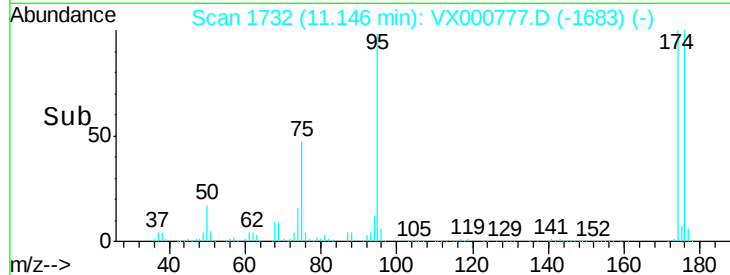
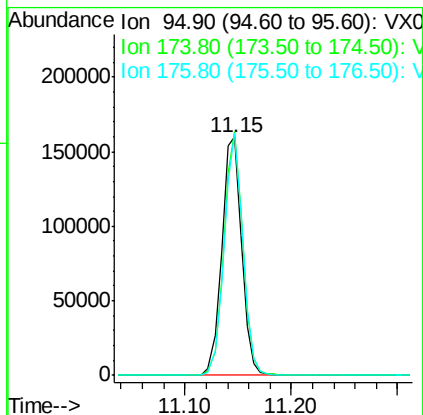
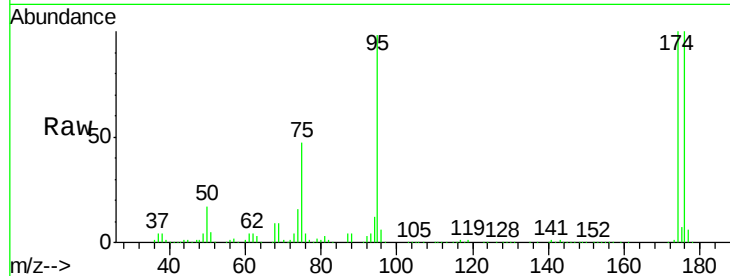




#62
4-Bromofluorobenzene
Concen: 41.13 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000777.D
Acq: 11 Apr 2018 14:39

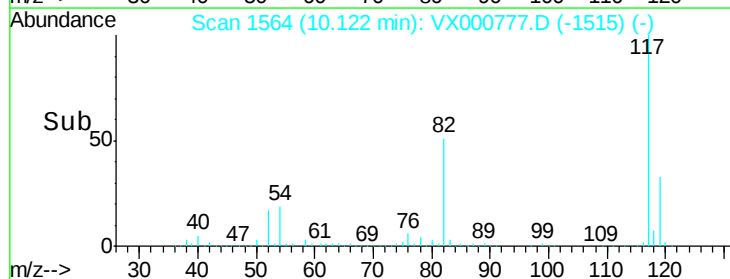
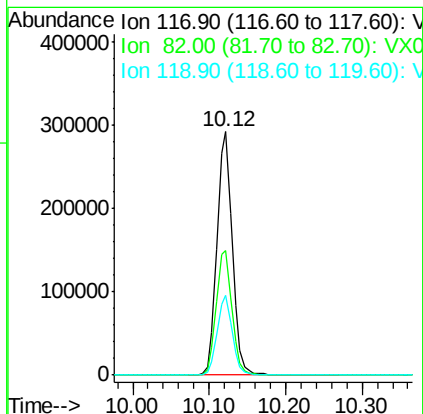
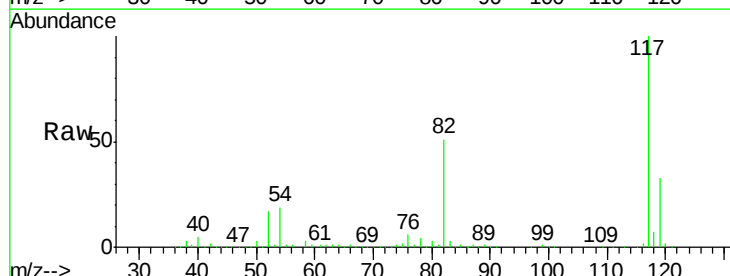
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

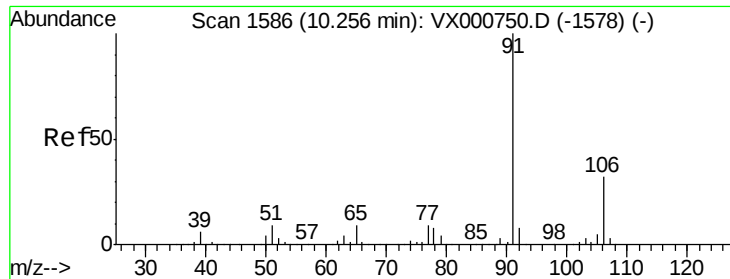
Tot Ion: 95 Resp: 207744
Ion Ratio Lower Upper
95 100
174 97.5 0.0 198.4
176 96.1 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000777.D
Acq: 11 Apr 2018 14:39

Tgt Ion: 117 Resp: 405247
Ion Ratio Lower Upper
117 100
82 51.1 41.9 62.9
119 32.6 26.0 39.0





#67

Ethyl Benzene

Concen: 9.44 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000777.D

Acq: 11 Apr 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

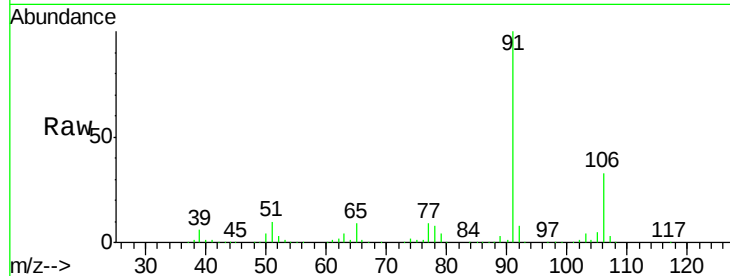
QNWP8-MW27S-GWDL

Tot Ion: 91 Resp: 160430

Ion Ratio Lower Upper

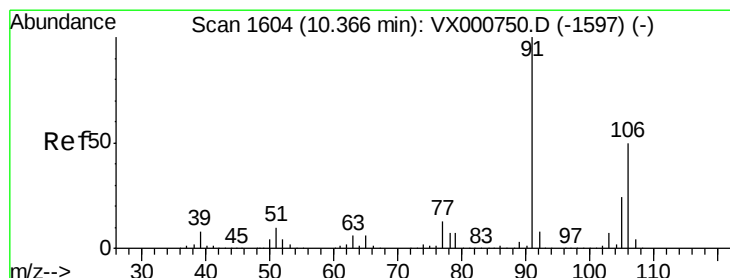
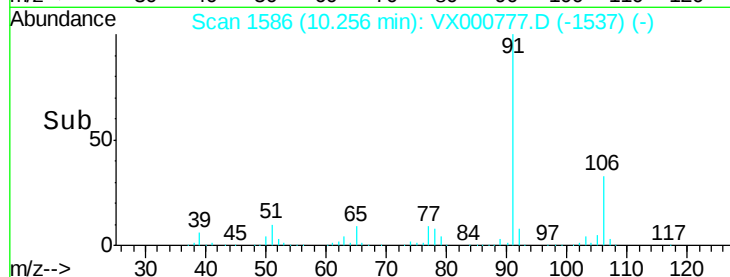
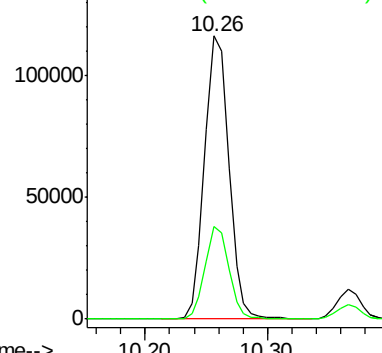
91 100

106 32.7 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 1.24 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000777.D

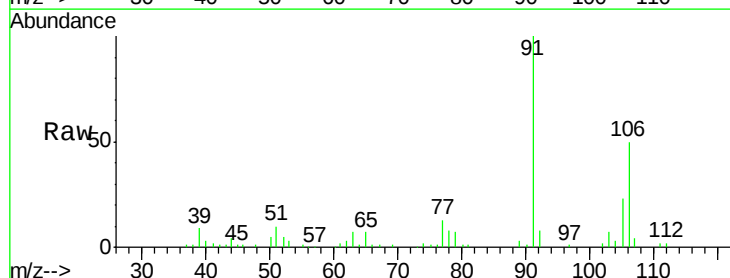
Acq: 11 Apr 2018 14:39

Tgt Ion:106 Resp: 8301

Ion Ratio Lower Upper

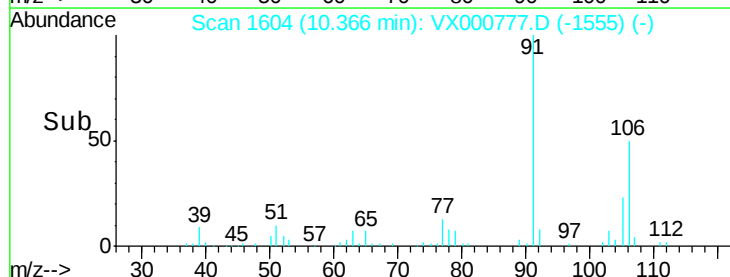
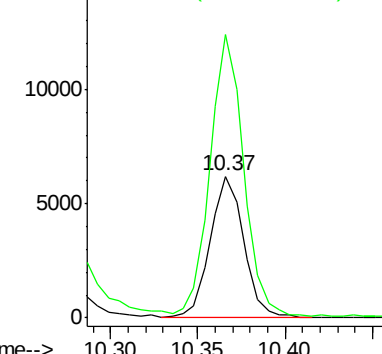
106 100

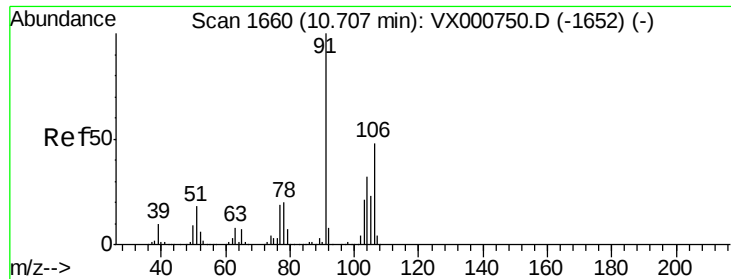
91 198.9 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

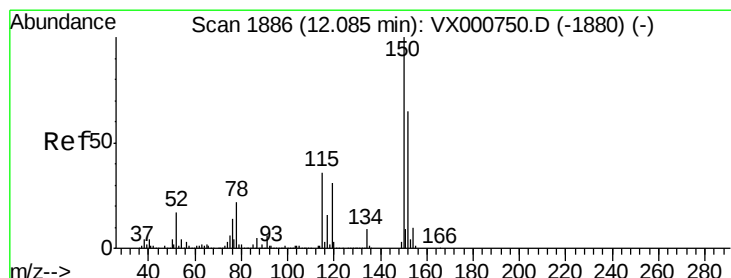
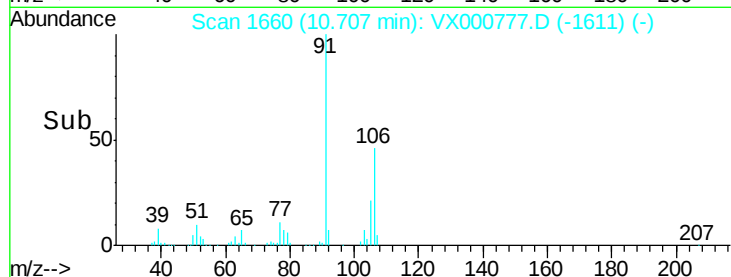
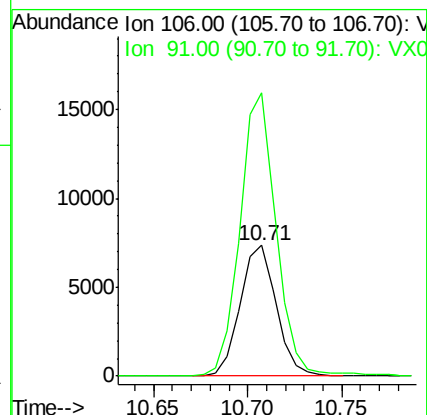
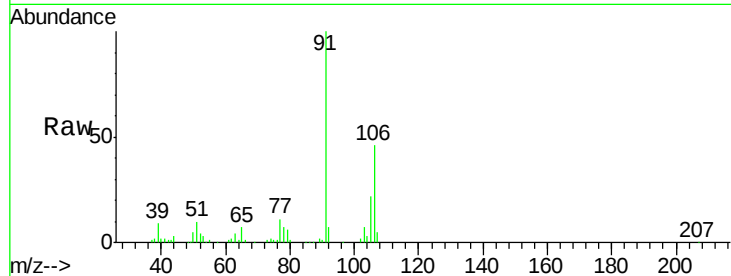




#69
o-Xylene
Concen: 1.51 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000777.D
Acq: 11 Apr 2018 14:39

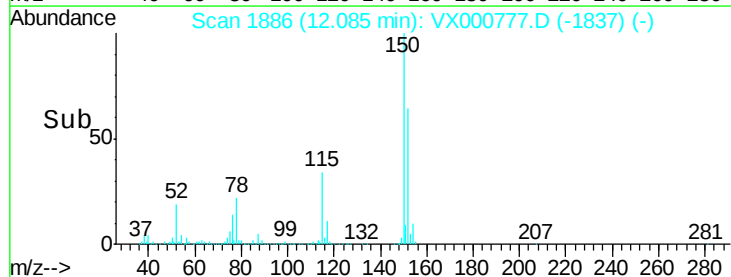
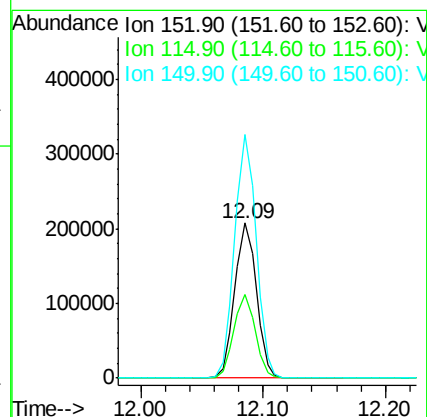
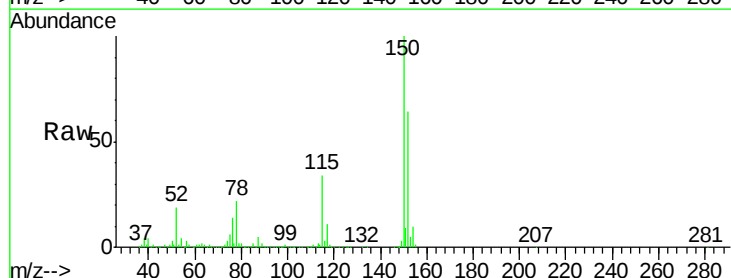
Instrument :
MSVOA_X
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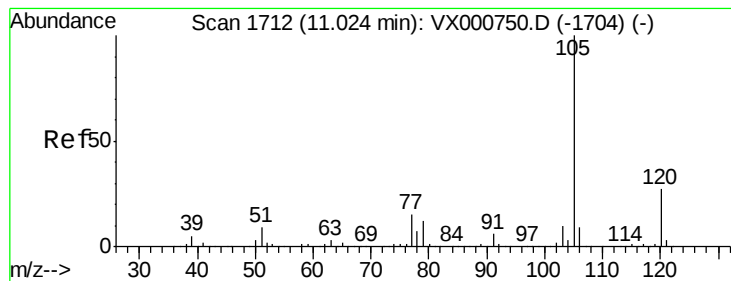
Tot Ion:106 Resp: 9732
Ion Ratio Lower Upper
106 100
91 218.0 105.0 315.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000777.D
Acq: 11 Apr 2018 14:39

Tgt Ion:152 Resp: 253209
Ion Ratio Lower Upper
152 100
115 53.6 37.9 113.7
150 156.8 0.0 348.0





#73

Isopropylbenzene

Concen: 1.88 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000777.D

Acq: 11 Apr 2018 14:39

Instrument :

MSVOA_X

ClientSampleId :

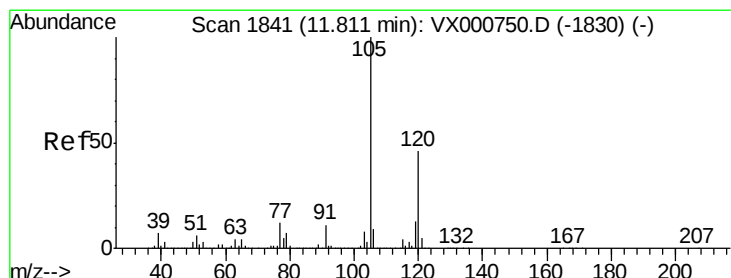
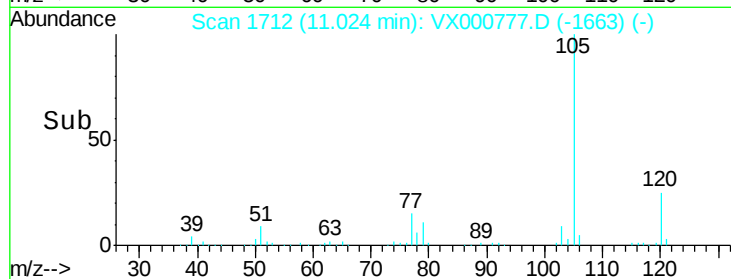
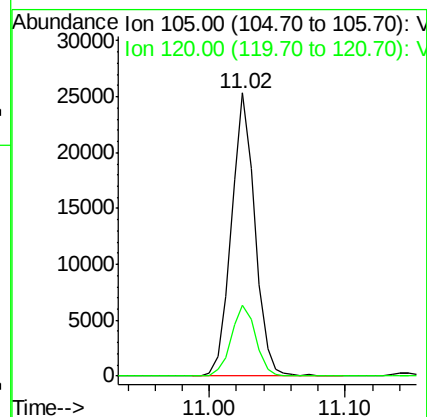
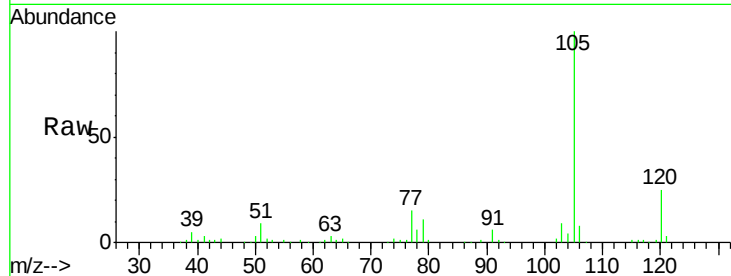
QNWP8-MW27S-GWDL

Tot Ion:105 Resp: 30259

Ion Ratio Lower Upper

105 100

120 26.3 13.7 41.0



#84

1,2,4-Trimethylbenzene

Concen: 1.90 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX000777.D

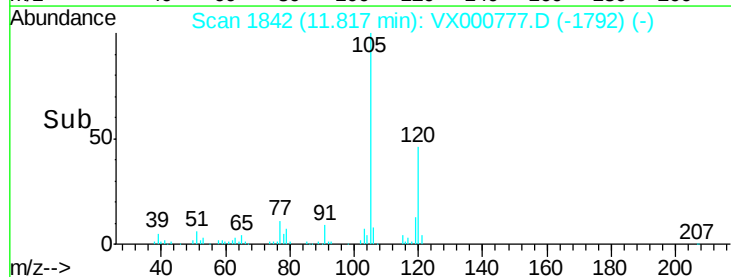
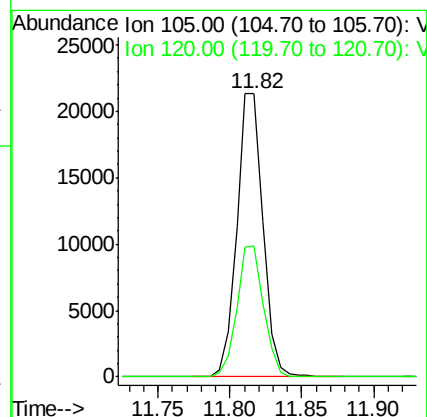
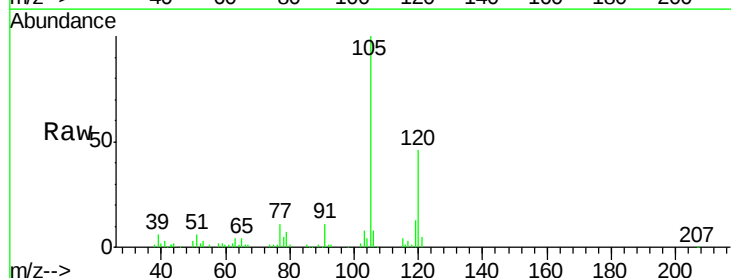
Acq: 11 Apr 2018 14:39

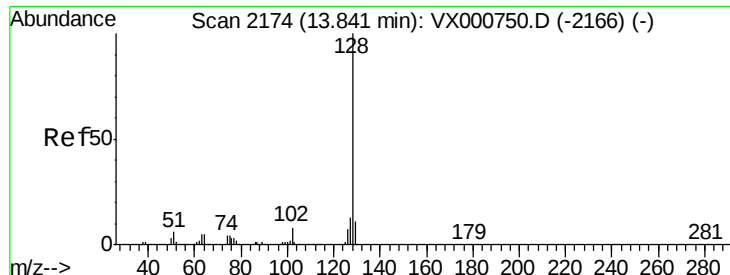
Tgt Ion:105 Resp: 27147

Ion Ratio Lower Upper

105 100

120 47.1 23.1 69.3





#95
Naphthalene
Concen: 41.00 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000777.D
Acq: 11 Apr 2018 14:39

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW27S-GWDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.7	13.1

