

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027461.D
 Acq On : 05 Oct 2018 18:23
 Operator : MD/SY
 Sample : J5155-05DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW16S-GWDL

Quant Time: Oct 06 01:20:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

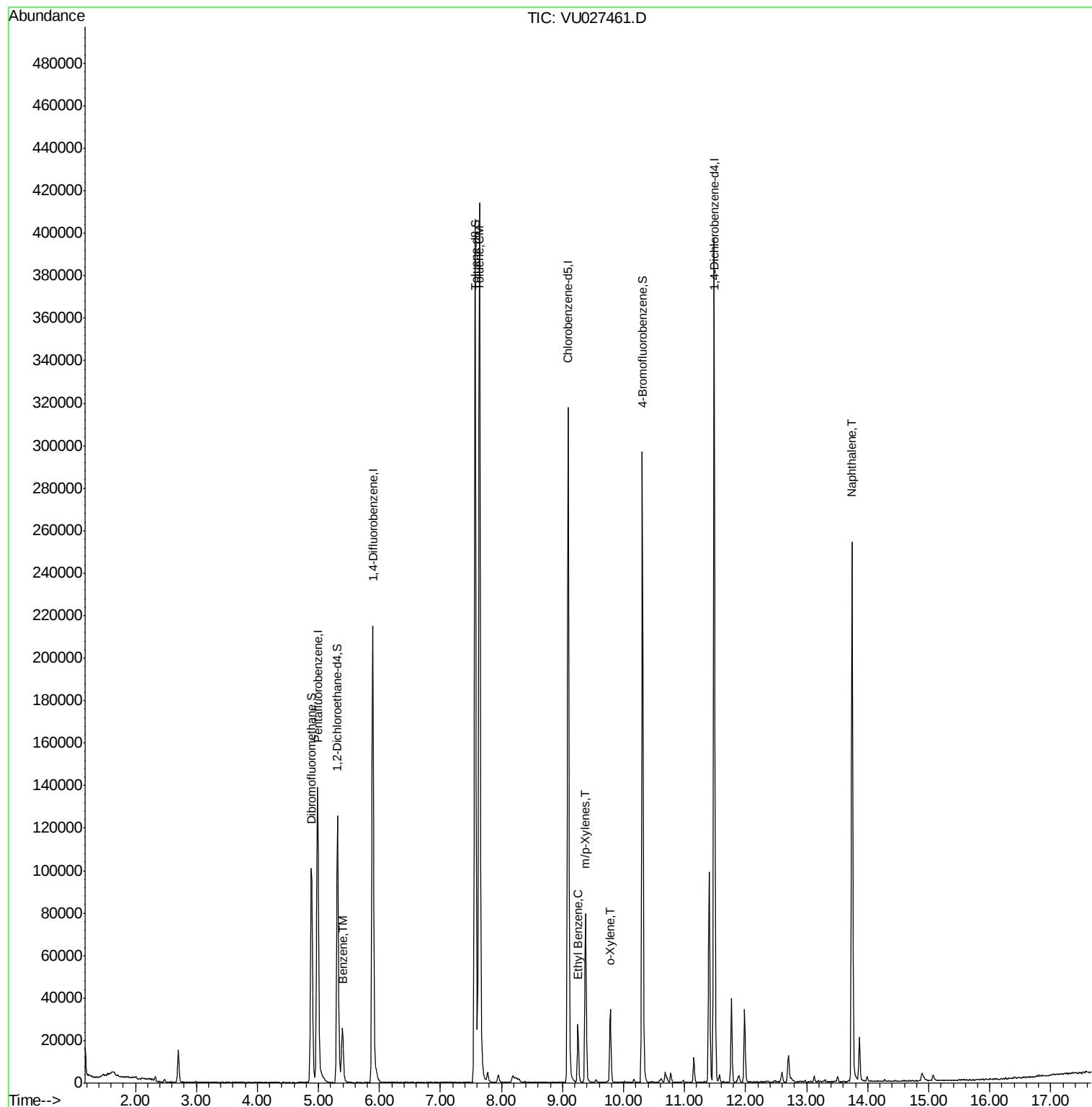
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	107419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	179593	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	172077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	96916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97107	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
35) Dibromofluoromethane	4.88	113	70613	57.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.74%	
50) Toluene-d8	7.57	98	277190	60.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.34%	
62) 4-Bromofluorobenzene	10.31	95	99473	58.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.20%	
Target Compounds						
40) Benzene	5.40	78	24220	4.264	ug/l	99
52) Toluene	7.64	92	177821	52.892	ug/l	100
67) Ethyl Benzene	9.25	91	20452	3.187	ug/l	98
68) m/p-Xylenes	9.38	106	22813	9.719	ug/l	100
69) o-Xylene	9.78	106	9062	4.062	ug/l	98
95) Naphthalene	13.74	128	194228	27.288	ug/l	100

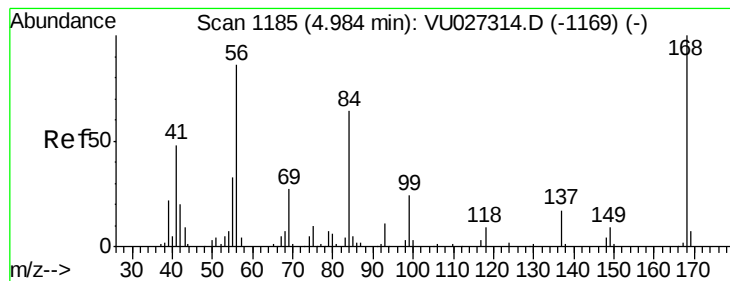
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100618\
Data File : VU027461.D
Acq On : 05 Oct 2018 18:23
Operator : MD/SY
Sample : J5155-05DL 500X
Misc : 5.0mL/MSVOA U/WATER
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MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

Quant Time: Oct 06 01:20:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

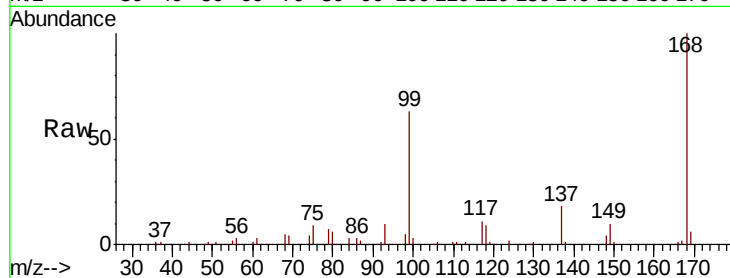
QNWP8-MW16S-GWDL

Tot Ion:168 Resp: 107419

Ion Ratio Lower Upper

168 100

99 62.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

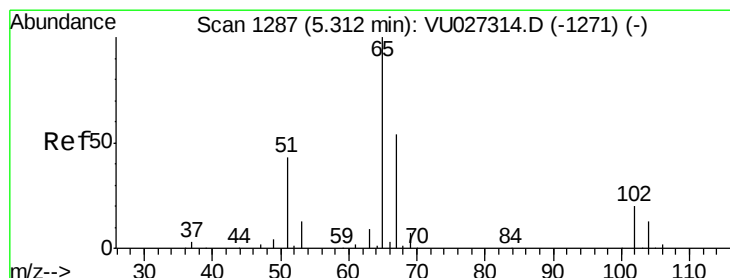
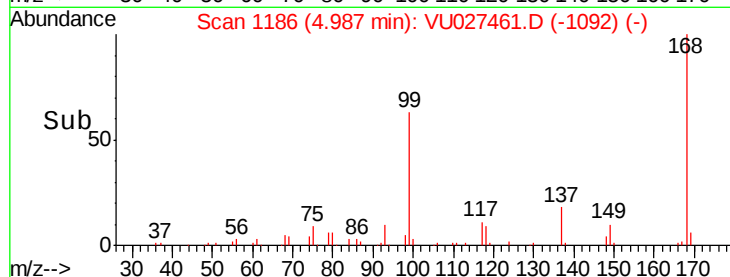
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.138 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027461.D

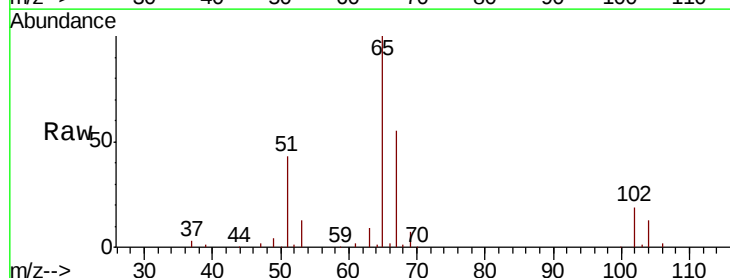
Acq: 05 Oct 2018 18:23

Tgt Ion: 65 Resp: 97107

Ion Ratio Lower Upper

65 100

67 54.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

50000

40000

30000

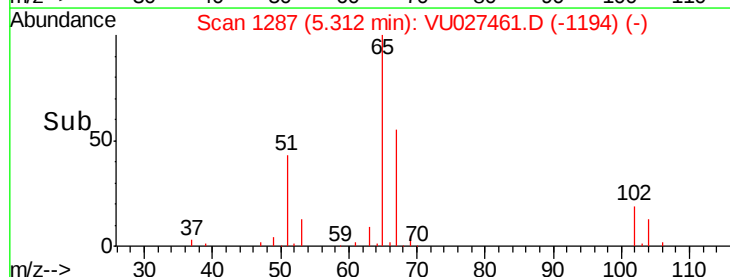
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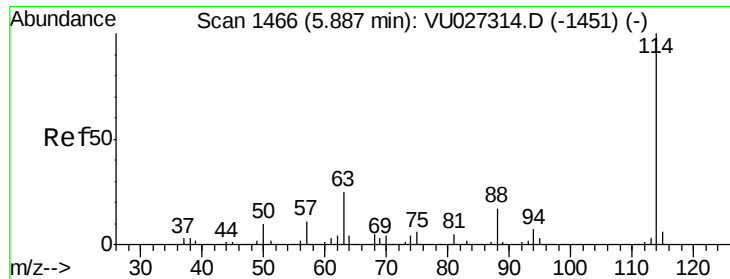
10000

0

5.25 5.30 5.35 5.40

Time-->

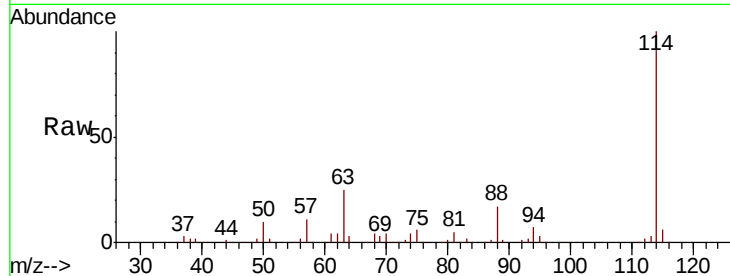




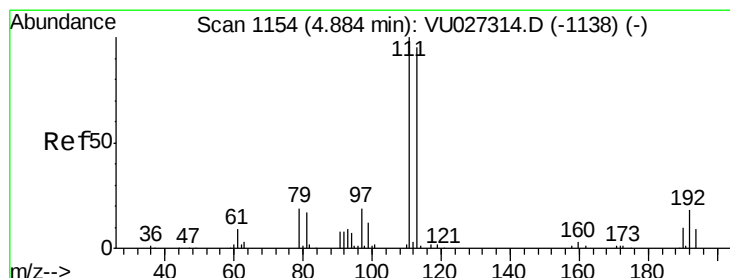
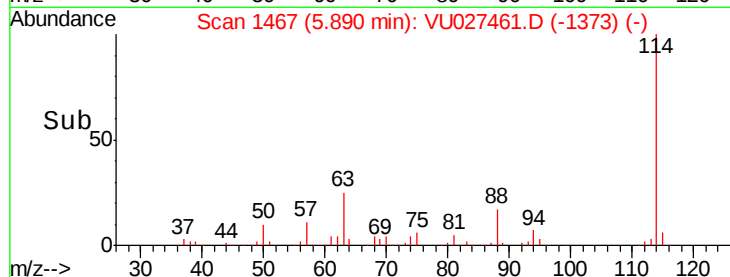
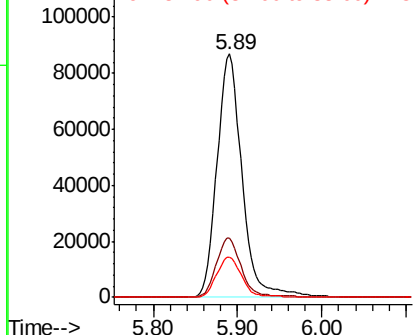
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027461.D
 Acq: 05 Oct 2018 18:23

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW16S-GWDL

Tot Ion:114 Resp: 179593
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.2
 88 16.7 0.0 33.8

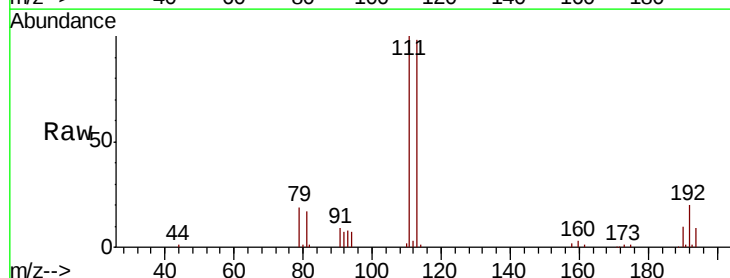


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

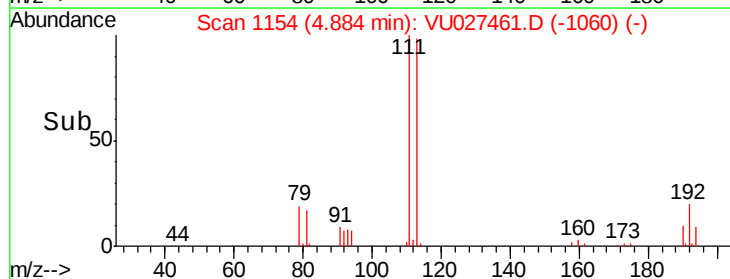
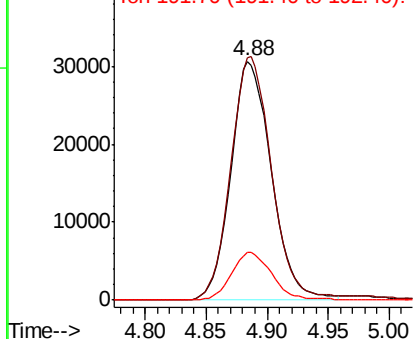


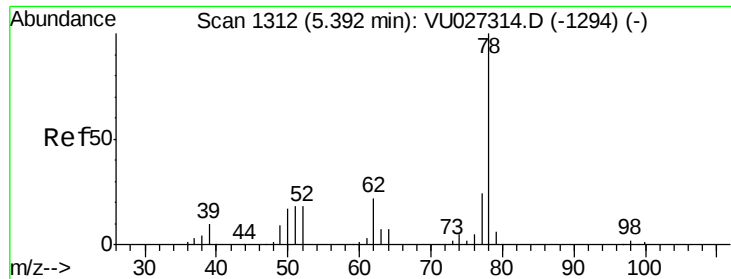
#35
 Dibromofluoromethane
 Concen: 57.371 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027461.D
 Acq: 05 Oct 2018 18:23

Tgt Ion:113 Resp: 70613
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.1 124.7
 192 19.9 15.4 23.0



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: 4.264 ug/l

RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

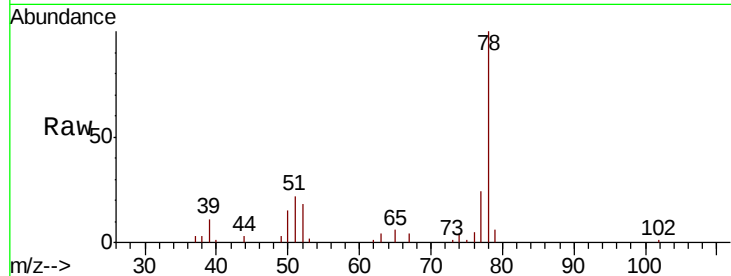
QNWP8-MW16S-GWDL

Tot Ion: 78 Resp: 24220

Ion Ratio Lower Upper

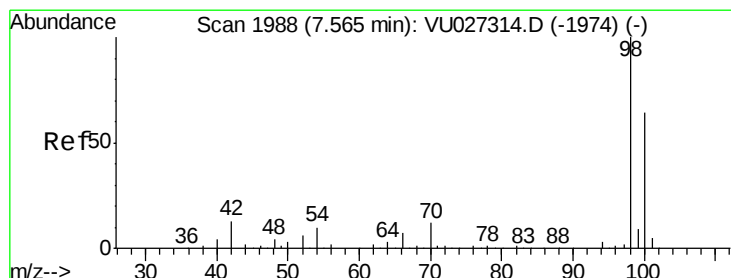
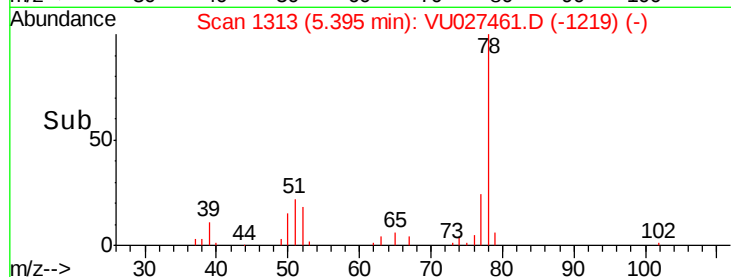
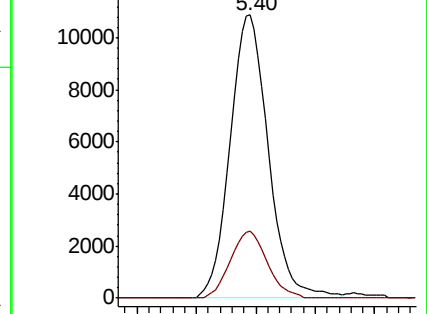
78 100

77 23.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU027461.D (-1294) (-)

Ion 77.00 (76.70 to 77.70): VU027461.D (-1294) (-)



#50

Toluene-d8

Concen: 60.173 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027461.D

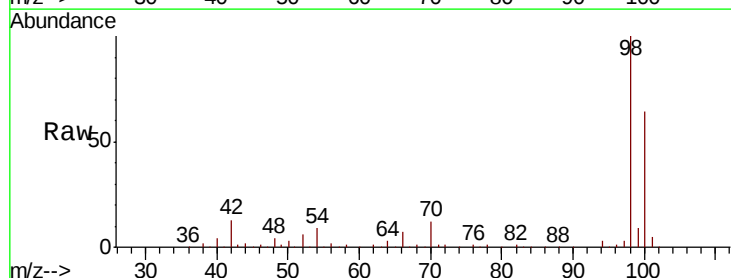
Acq: 05 Oct 2018 18:23

Tgt Ion: 98 Resp: 277190

Ion Ratio Lower Upper

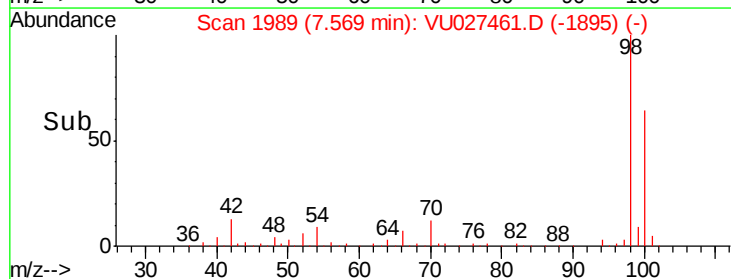
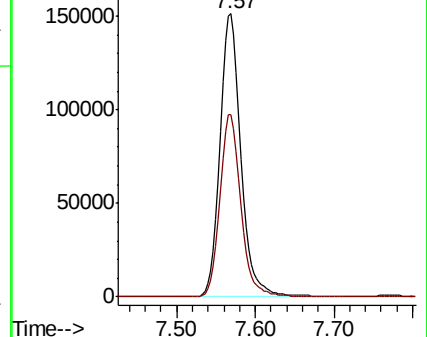
98 100

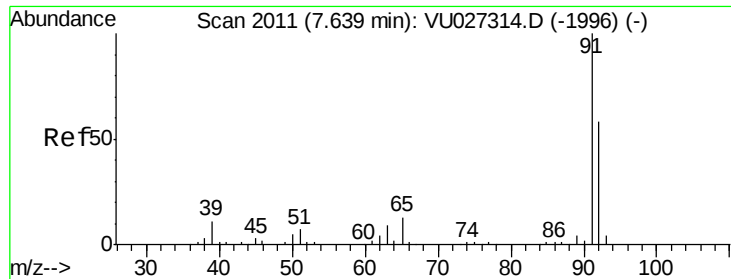
100 64.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027461.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU027461.D (-1895) (-)





#52

Toluene

Concen: 52.892 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

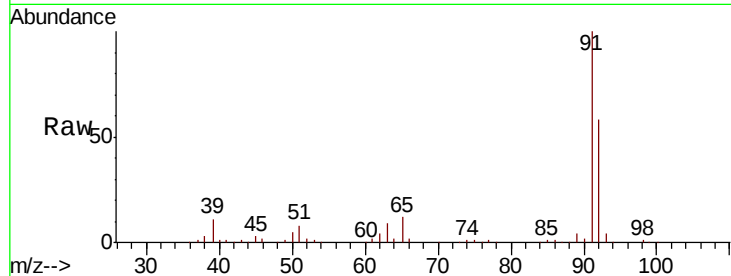
QNWP8-MW16S-GWDL

Tot Ion: 92 Resp: 177821

Ion Ratio Lower Upper

92 100

91 172.8 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-1996) (-)

200000

150000

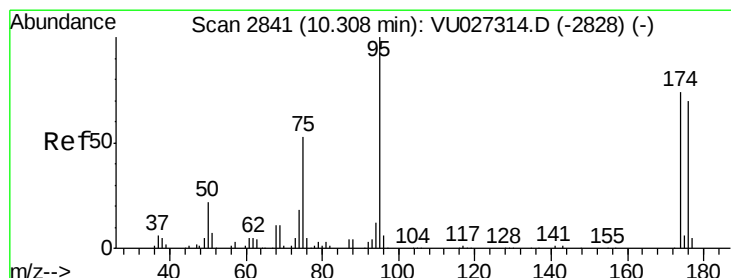
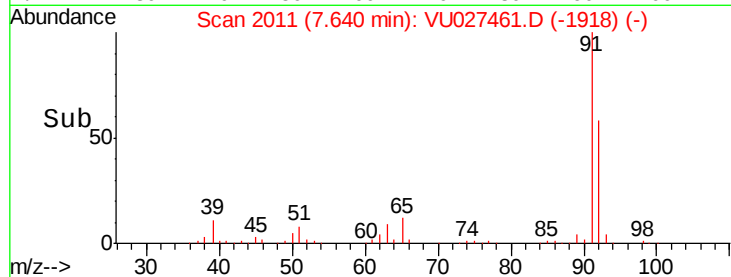
100000

50000

0

7.60 7.64 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 58.105 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

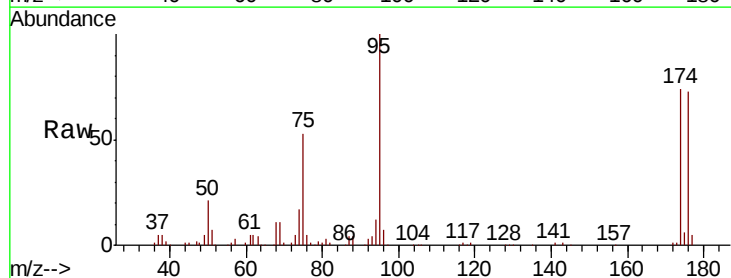
Tgt Ion: 95 Resp: 99473

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.8

176 73.4 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

80000

60000

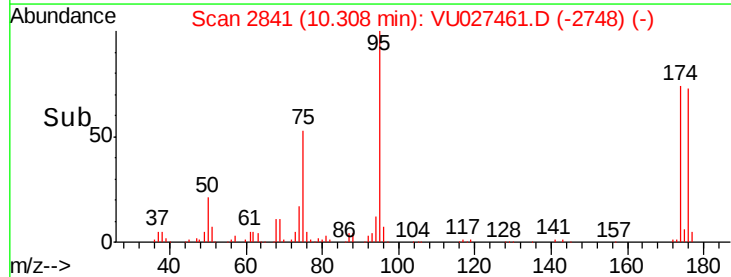
40000

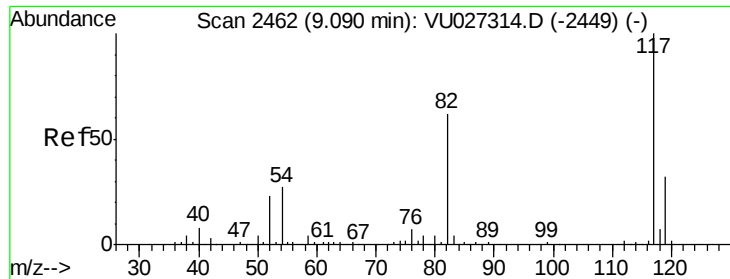
20000

0

10.20 10.30 10.40

Time-->

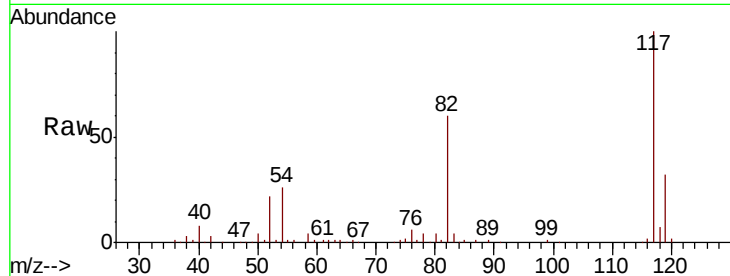




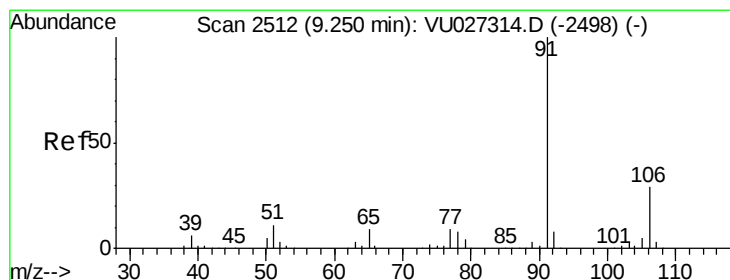
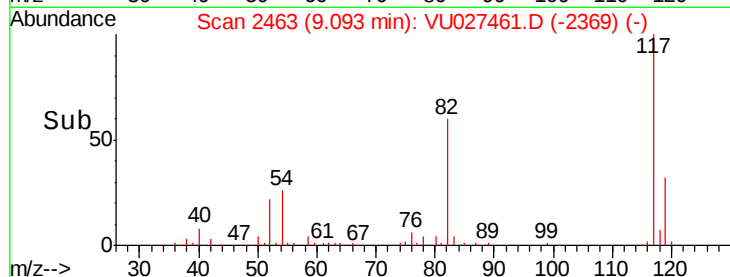
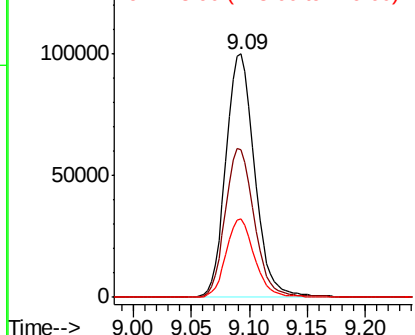
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027461.D
Acq: 05 Oct 2018 18:23

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

Tot Ion:117 Resp: 172077
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 32.1 25.7 38.5

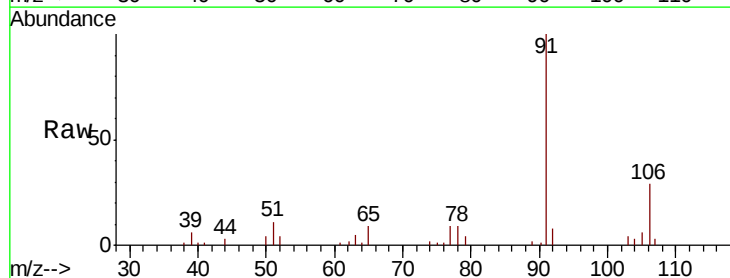


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

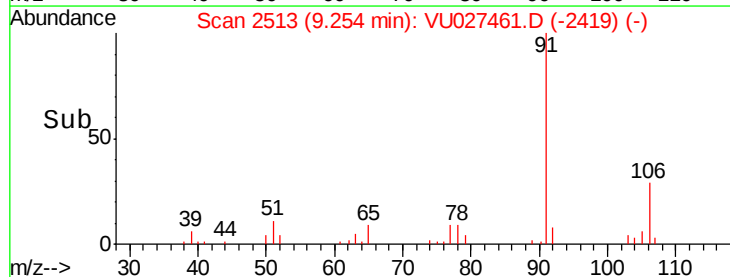
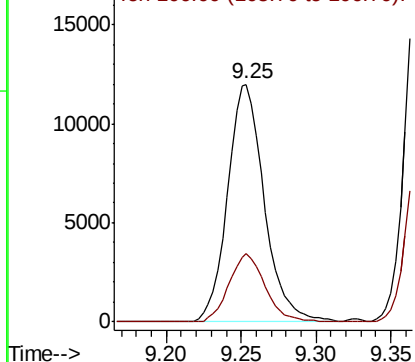


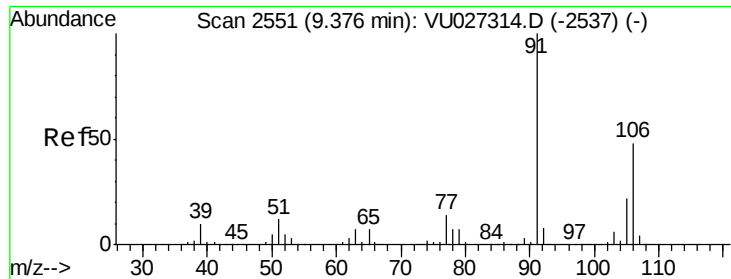
#67
Ethyl Benzene
Concen: 3.187 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027461.D
Acq: 05 Oct 2018 18:23

Tgt Ion: 91 Resp: 20452
Ion Ratio Lower Upper
91 100
106 28.5 23.6 35.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V

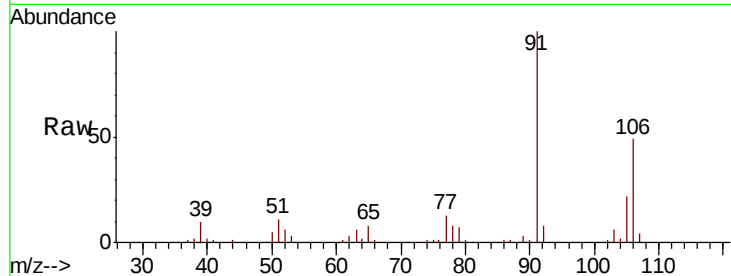




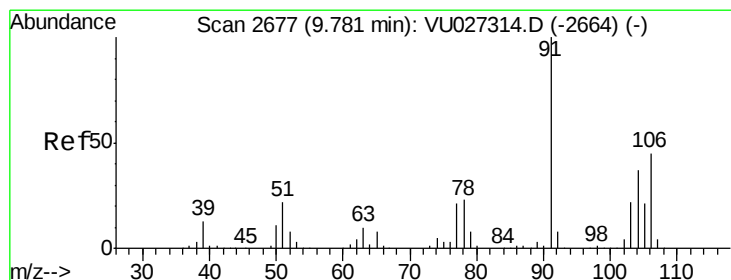
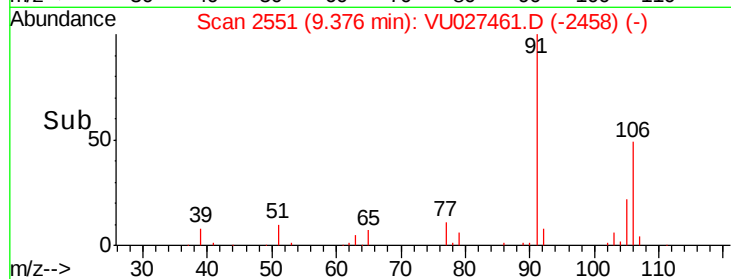
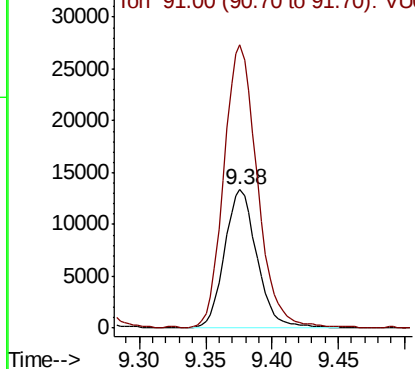
#68
m/p-Xylenes
Concen: 9.719 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027461.D
Acq: 05 Oct 2018 18:23

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

Tot Ion:106 Resp: 22813
Ion Ratio Lower Upper
106 100
91 210.5 168.1 252.1

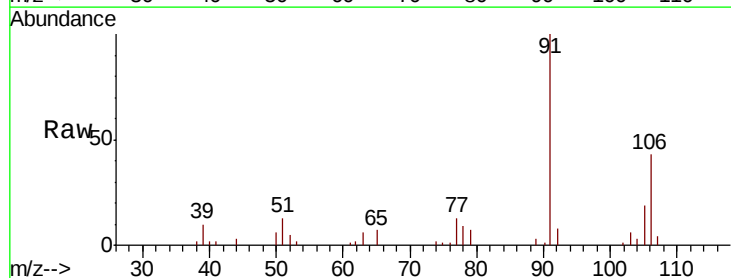


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

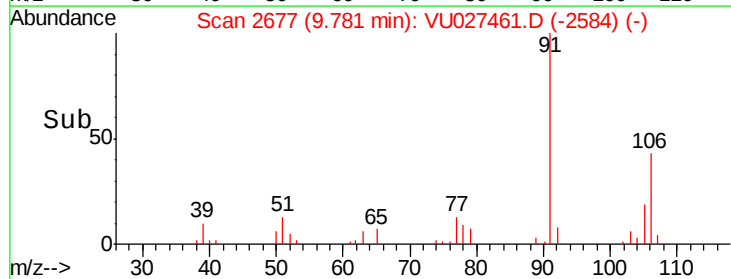
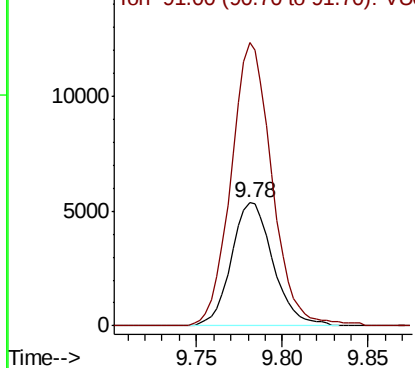


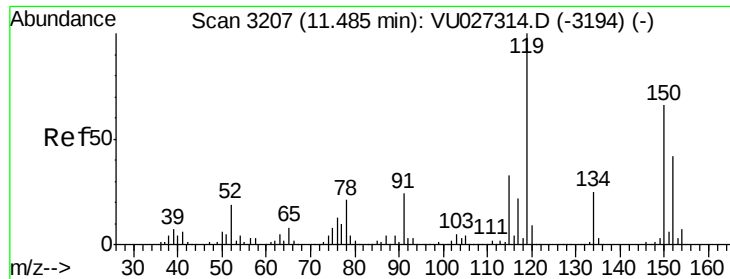
#69
o-Xylene
Concen: 4.062 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027461.D
Acq: 05 Oct 2018 18:23

Tgt Ion:106 Resp: 9062
Ion Ratio Lower Upper
106 100
91 226.0 111.7 334.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA_U

ClientSampleId :

QNWP8-MW16S-GWDL

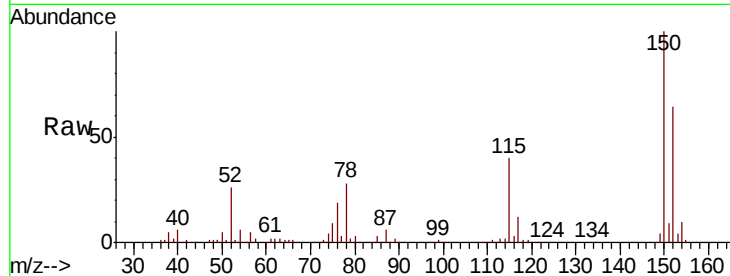
Tot Ion:152 Resp: 96916

Ion Ratio Lower Upper

152 100

115 61.1 43.4 130.2

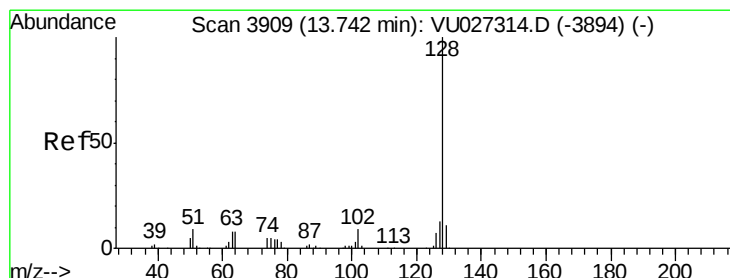
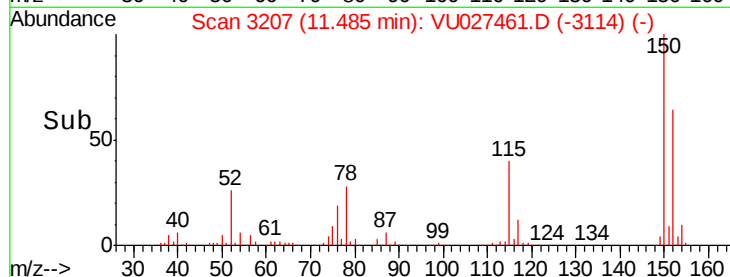
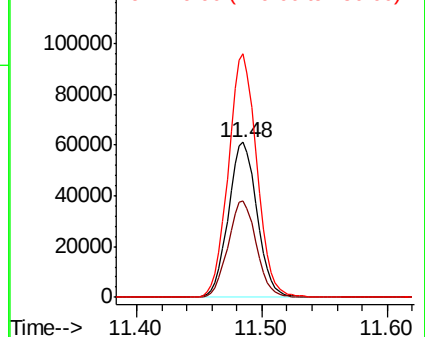
150 155.7 0.0 349.2



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



#95

Naphthalene

Concen: 27.288 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

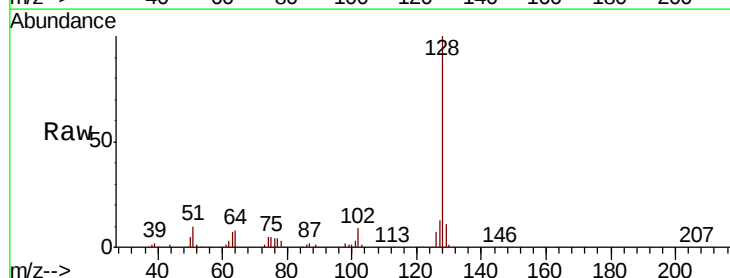
Tgt Ion:128 Resp: 194228

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.6 12.8



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

