

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027369.D
 Acq On : 03 Oct 2018 20:42
 Operator : MD/SY
 Sample : J5155-02DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW30D-GWDL

Quant Time: Oct 04 00:20:44 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	92974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	160828	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	76599	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	100113	64.48	ug/l	0.00
Spiked Amount			Recovery	=	128.96%	
35) Dibromofluoromethane	4.89	113	68694	62.32	ug/l	0.00
Spiked Amount			Recovery	=	124.64%	
50) Toluene-d8	7.57	98	246755	59.82	ug/l	0.00
Spiked Amount			Recovery	=	119.64%	
62) 4-Bromofluorobenzene	10.31	95	82315	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	

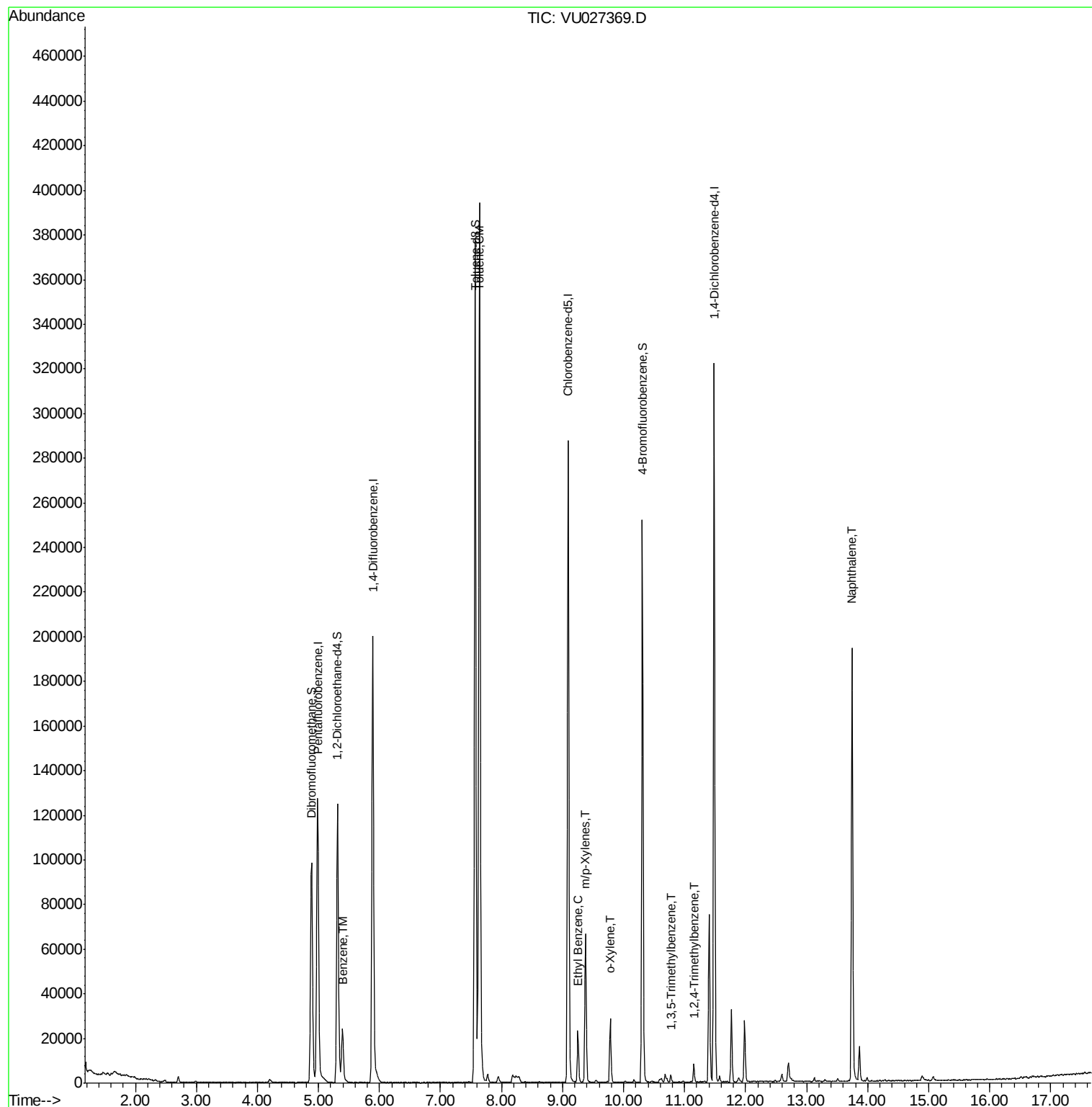
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	5.40	78	22569	4.437	ug/l	99
52) Toluene	7.64	92	165129	54.847	ug/l	99
67) Ethyl Benzene	9.25	91	16323	2.917	ug/l	99
68) m/p-Xylenes	9.38	106	18267	8.925	ug/l	98
69) o-Xylene	9.78	106	6962	3.580	ug/l	95
80) 1,3,5-Trimethylbenzene	10.77	105	1891	0.417	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	4549	0.983	ug/l	97
95) Naphthalene	13.75	128	148046	26.376	ug/l	99

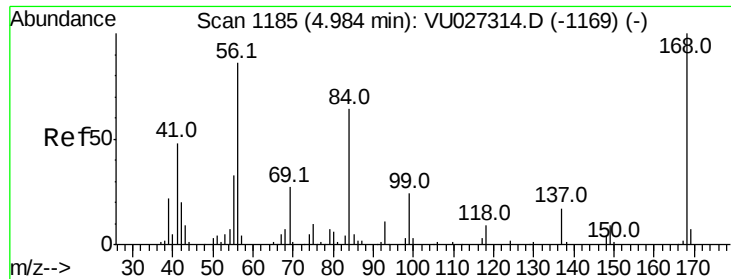
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QNWP8-MW30D-GWDL

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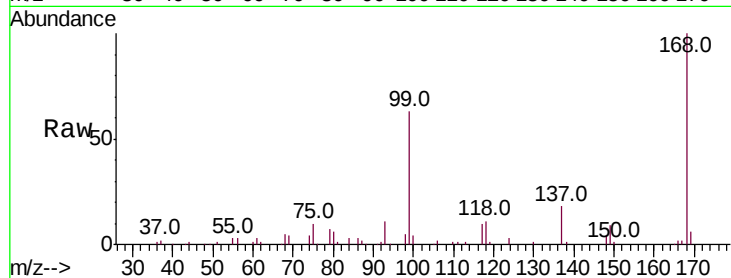




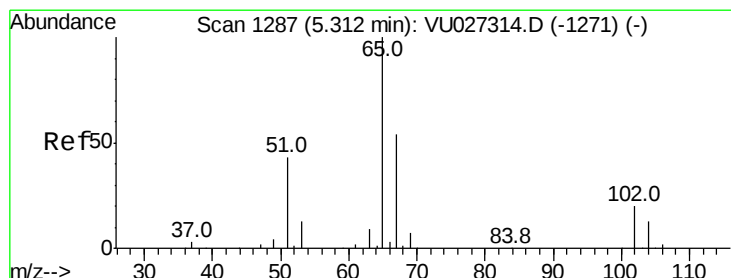
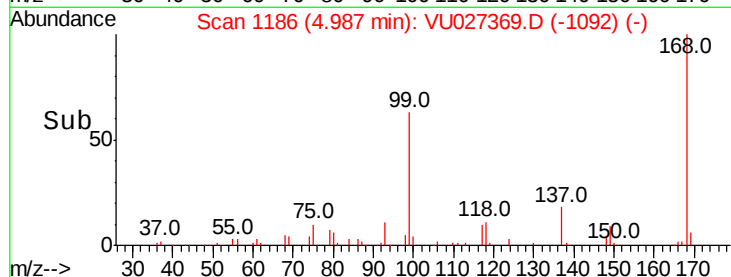
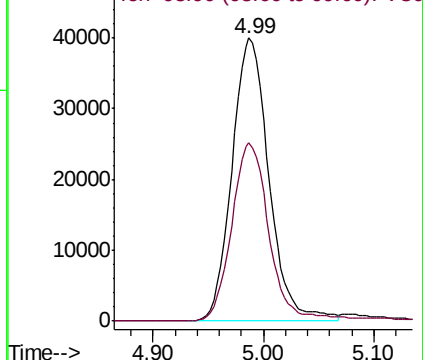
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

Tot Ion:168 Resp: 92974
Ion Ratio Lower Upper
168 100
99 62.9 50.8 76.2

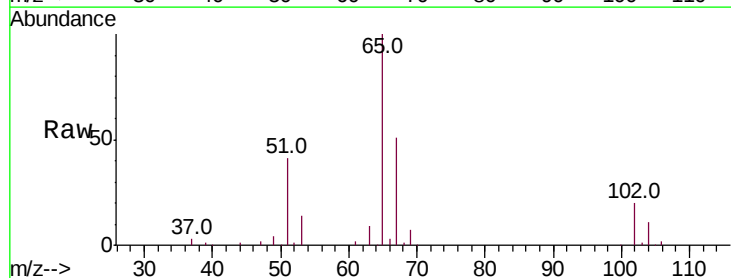


Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU027369.D (-1092) (-)

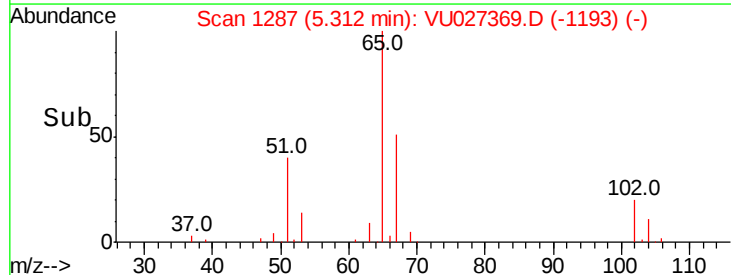
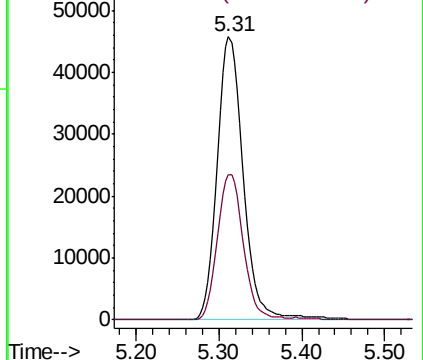


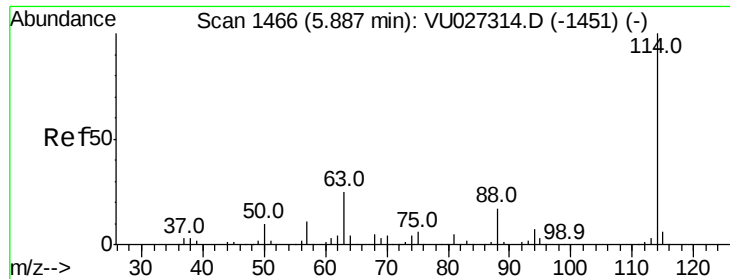
#33
1,2-Dichloroethane-d4
Concen: 64.485 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion: 65 Resp: 100113
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)
Ion 66.90 (66.60 to 67.60): VU027369.D (-1193) (-)

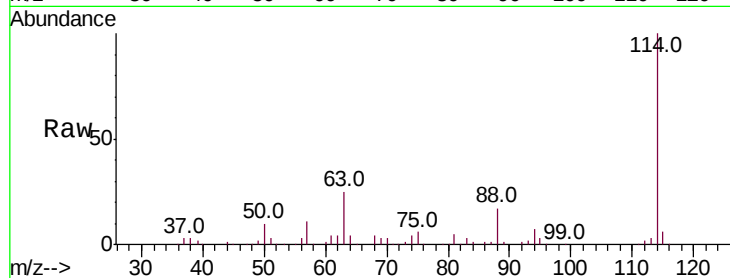




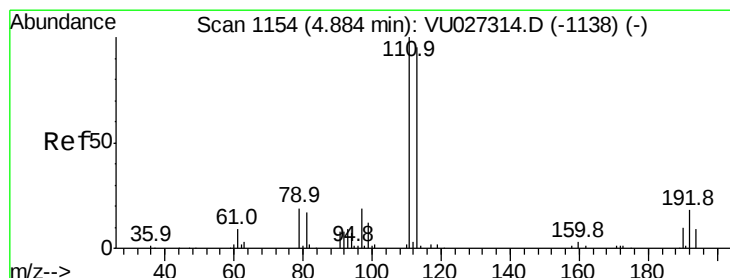
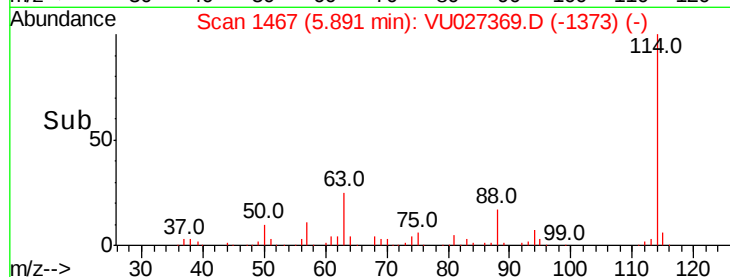
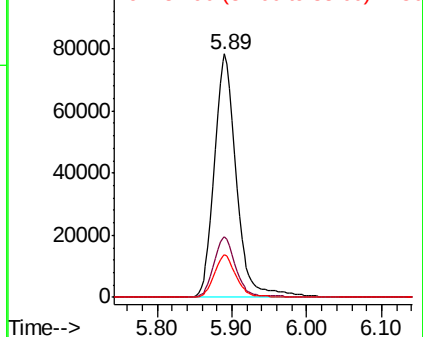
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW30D-GWDL

Tot Ion:114 Resp: 160828
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 17.5 0.0 33.8

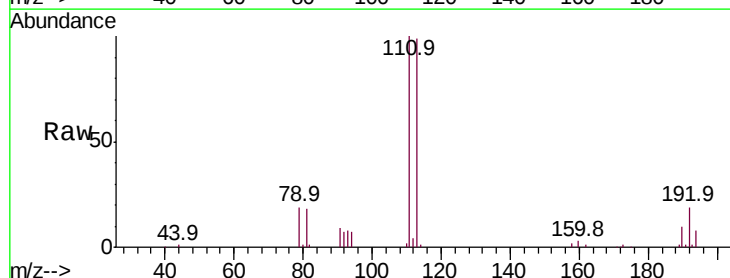


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

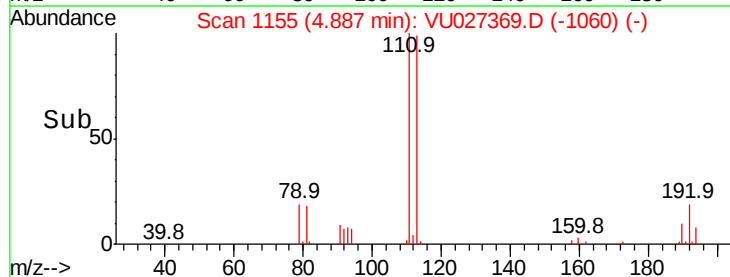
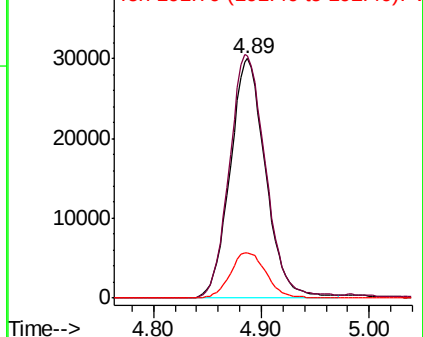


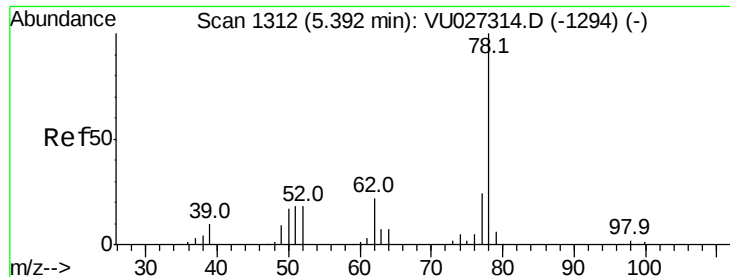
#35
 Dibromofluoromethane
 Concen: 62.324 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027369.D
 Acq: 03 Oct 2018 20:42

Tgt Ion:113 Resp: 68694
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.1 124.7
 192 19.1 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: 4.437 ug/l

RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

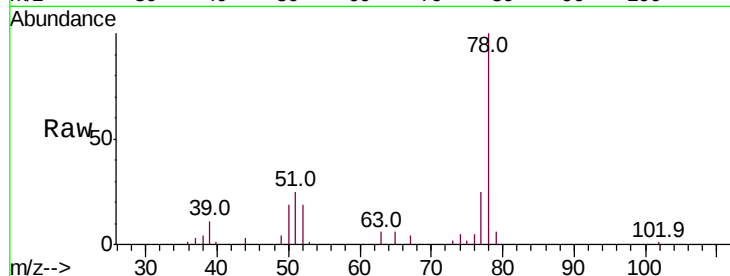
QNWP8-MW30D-GWDL

Tot Ion: 78 Resp: 22569

Ion Ratio Lower Upper

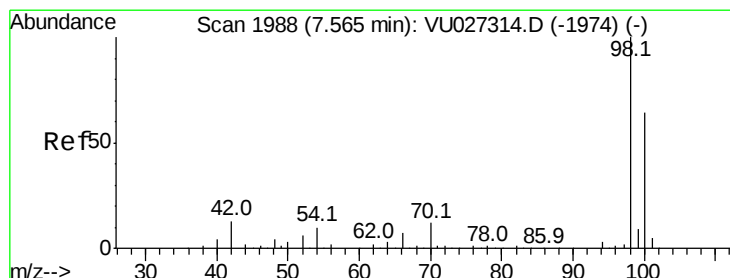
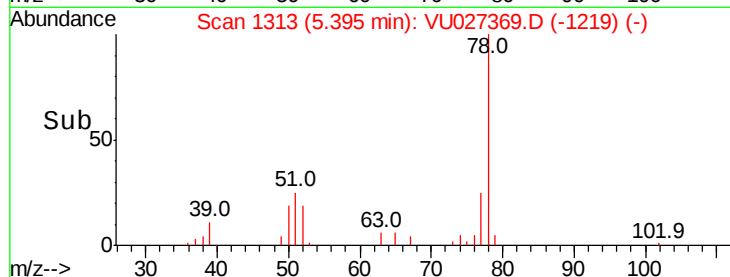
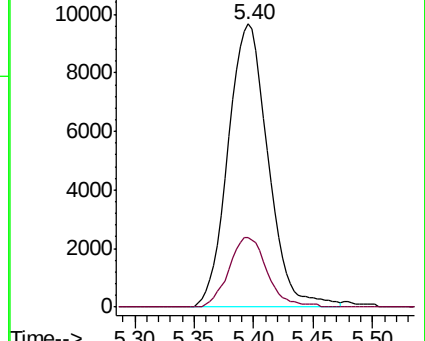
78 100

77 24.6 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 59.816 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027369.D

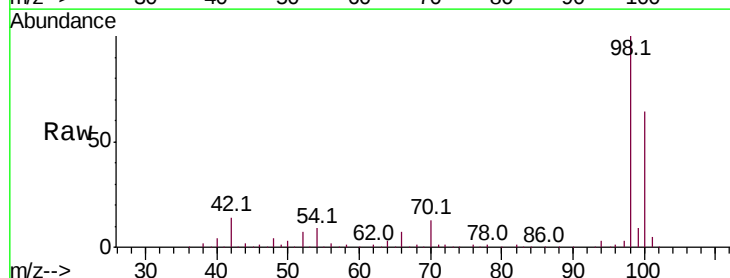
Acq: 03 Oct 2018 20:42

Tgt Ion: 98 Resp: 246755

Ion Ratio Lower Upper

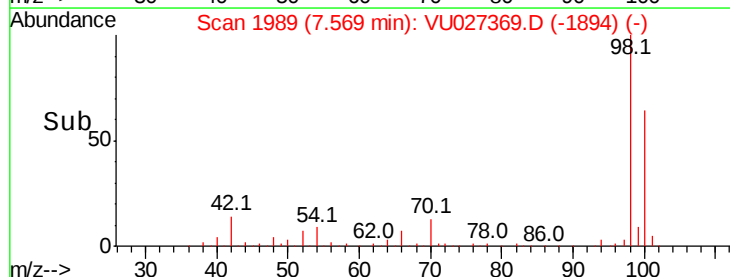
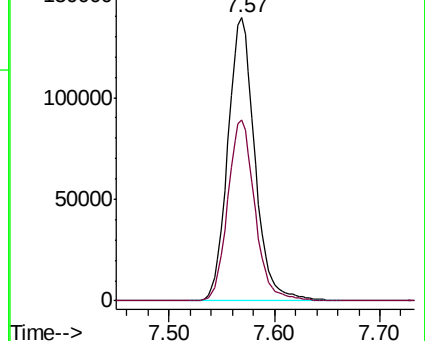
98 100

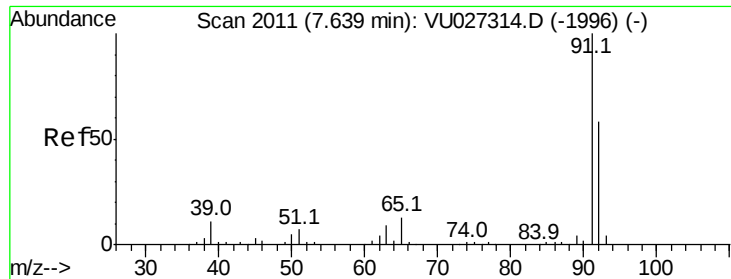
100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#52

Toluene

Concen: 54.847 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

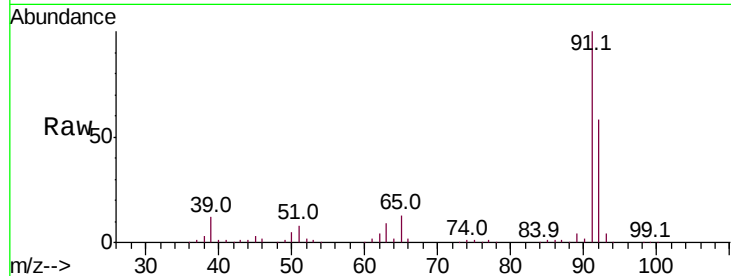
QNWP8-MW30D-GWDL

Tot Ion: 92 Resp: 165129

Ion Ratio Lower Upper

92 100

91 171.8 138.6 208.0



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

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

150000

100000

50000

0

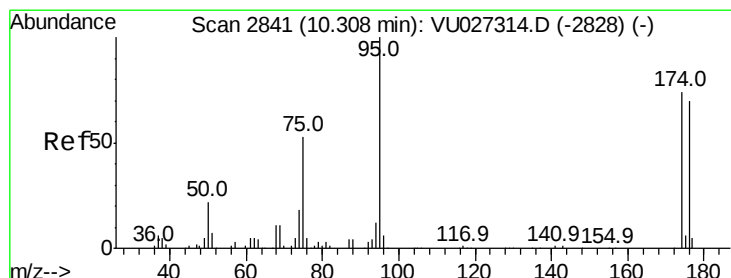
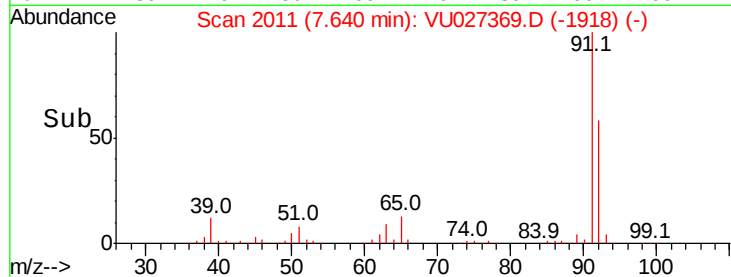
7.64

7.60

7.70

7.80

Time-->



#62

4-Bromofluorobenzene

Concen: 53.692 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

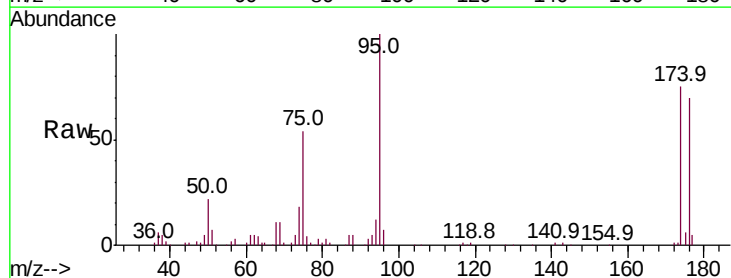
Tgt Ion: 95 Resp: 82315

Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.8

176 71.3 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) (-)

60000

40000

20000

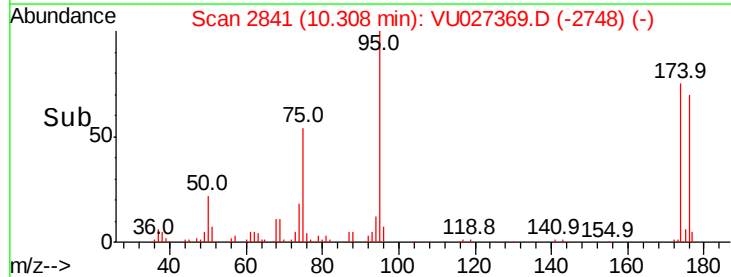
0

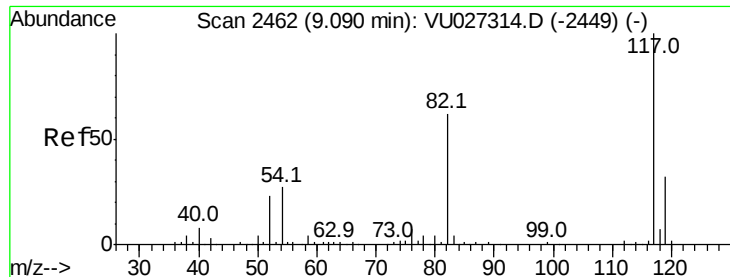
10.31

10.30

10.40

Time-->

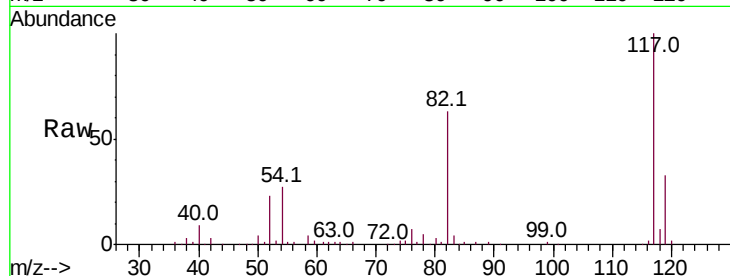




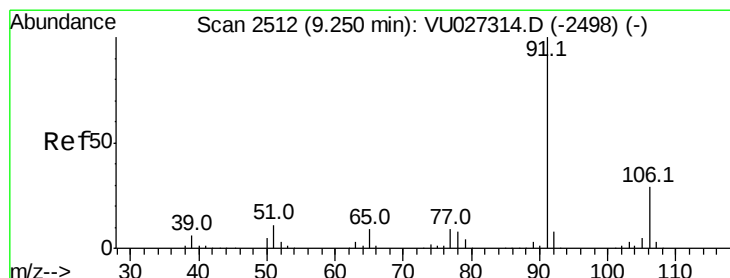
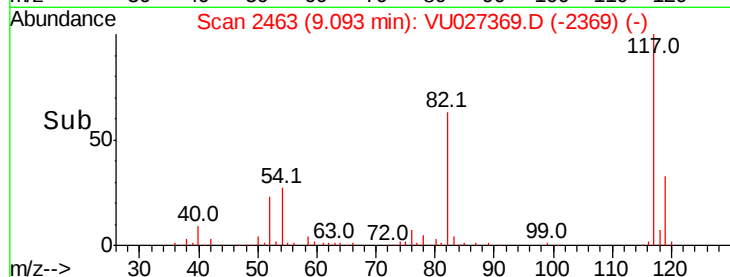
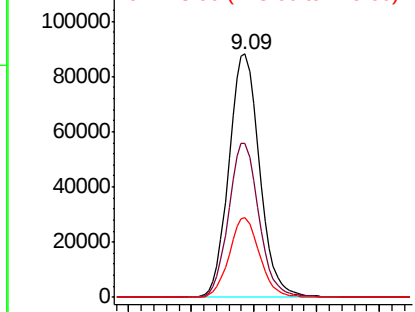
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

Tot Ion:117 Resp: 150036
Ion Ratio Lower Upper
117 100
82 63.2 49.2 73.8
119 32.7 25.7 38.5

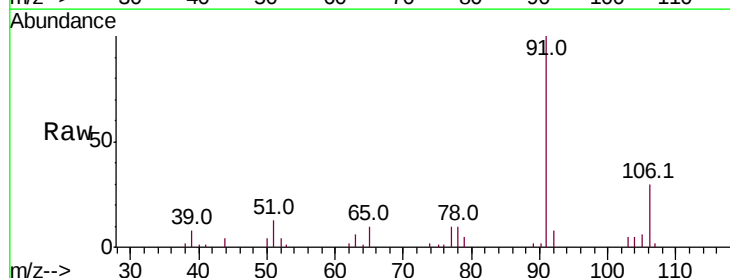


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

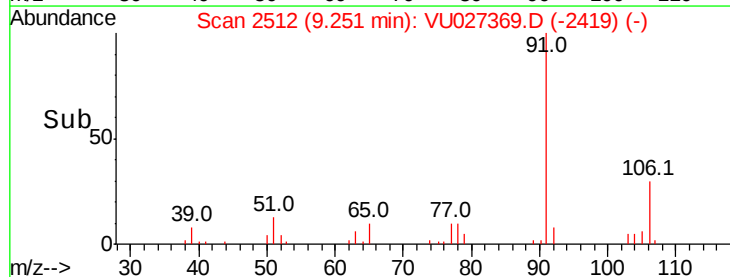
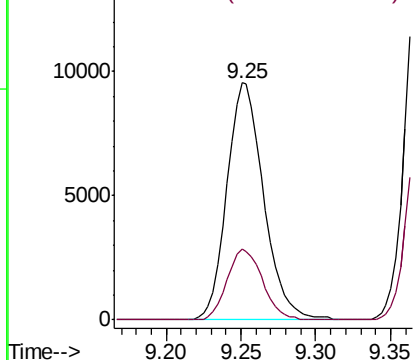


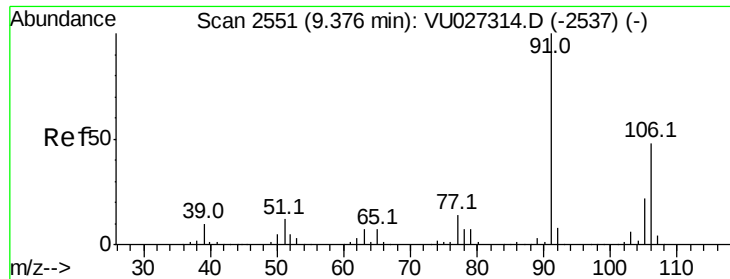
#67
Ethyl Benzene
Concen: 2.917 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion: 91 Resp: 16323
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4



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

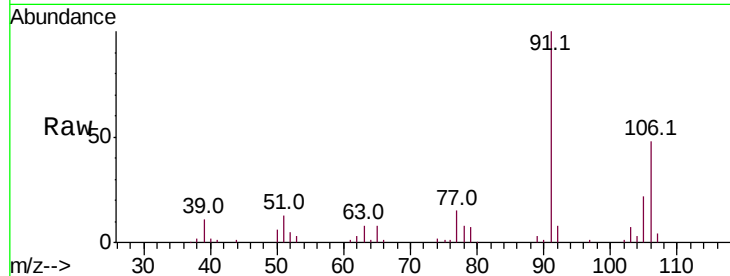




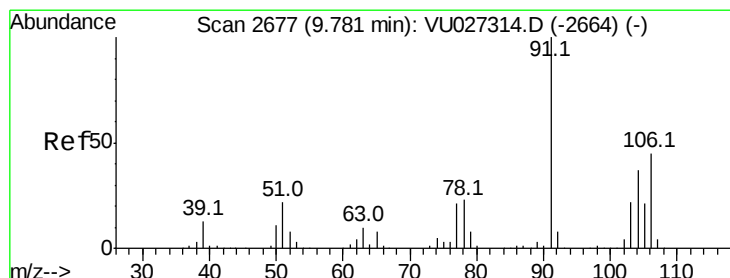
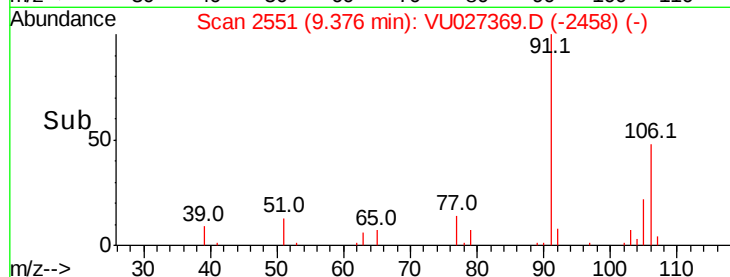
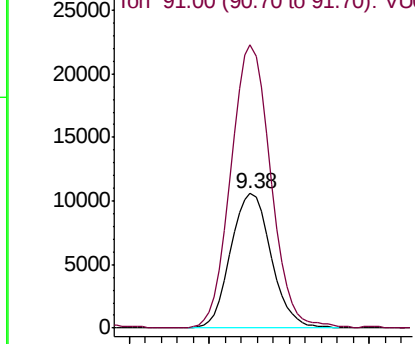
#68
m/p-Xylenes
Concen: 8.925 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW30D-GWDL

Tot Ion:106 Resp: 18267
Ion Ratio Lower Upper
106 100
91 207.1 168.1 252.1

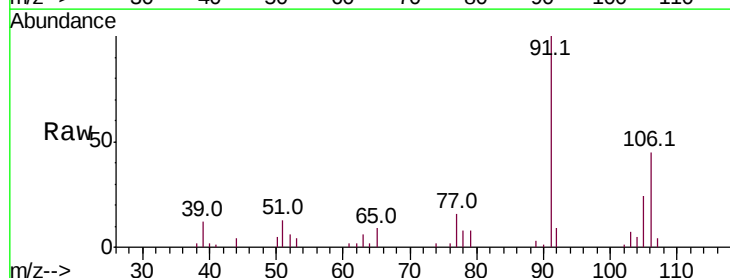


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

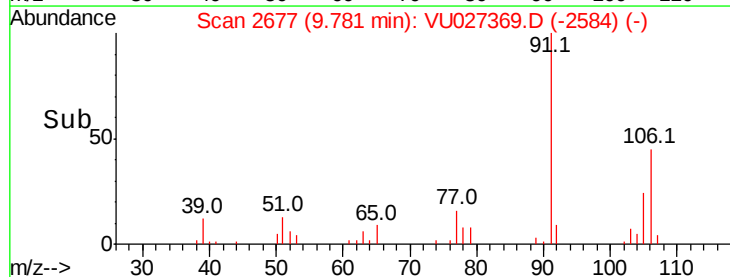
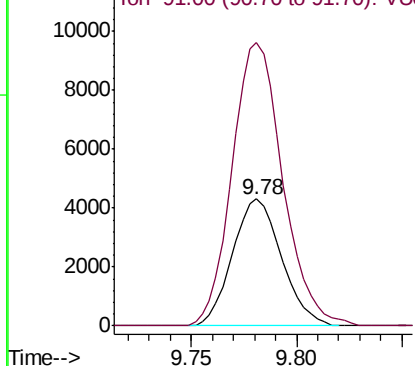


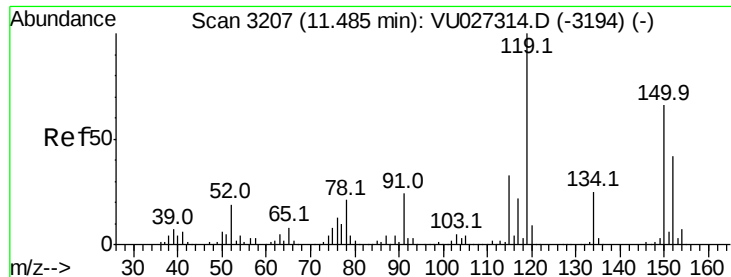
#69
o-Xylene
Concen: 3.580 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027369.D
Acq: 03 Oct 2018 20:42

Tgt Ion:106 Resp: 6962
Ion Ratio Lower Upper
106 100
91 230.8 111.7 334.9



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: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

QNWP8-MW30D-GWDL

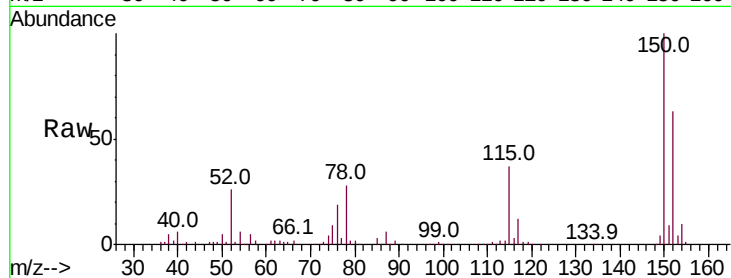
Tot Ion:152 Resp: 76599

Ion Ratio Lower Upper

152 100

115 59.5 43.4 130.2

150 158.1 0.0 349.2

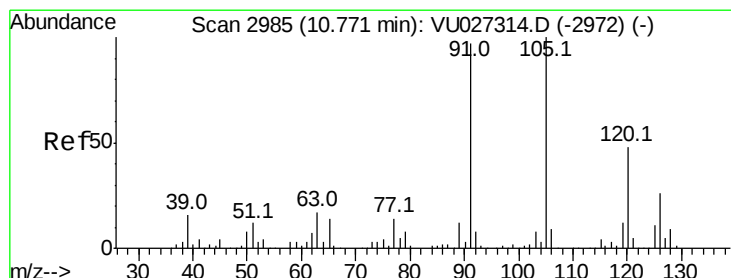
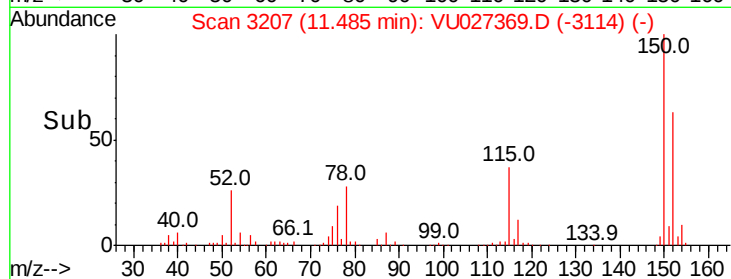
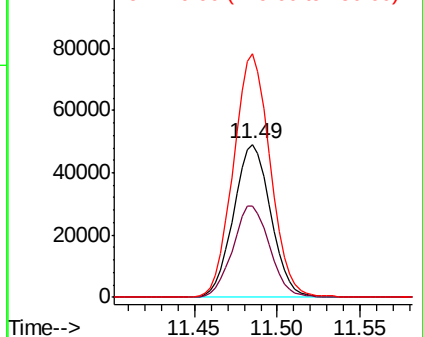


Abundance

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



#80

1,3,5-Trimethylbenzene

Concen: 0.417 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027369.D

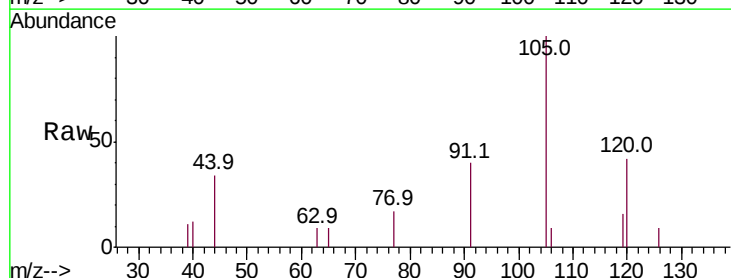
Acq: 03 Oct 2018 20:42

Tgt Ion:105 Resp: 1891

Ion Ratio Lower Upper

105 100

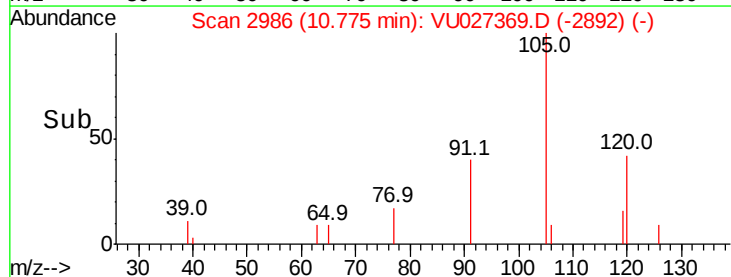
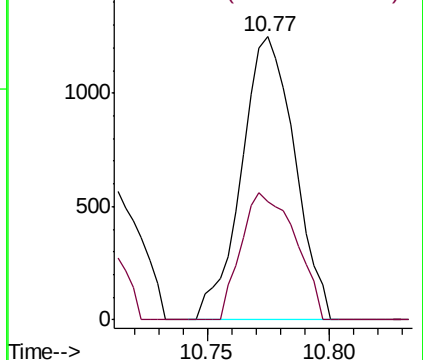
120 45.7 24.1 72.4

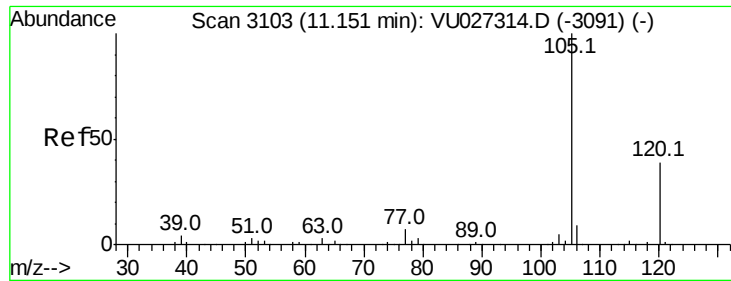


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.983 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

Instrument :

MSVOA_U

ClientSampleId :

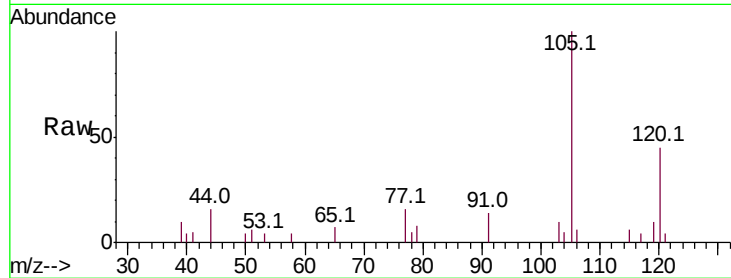
QNWP8-MW30D-GWDL

Tot Ion:105 Resp: 4549

Ion Ratio Lower Upper

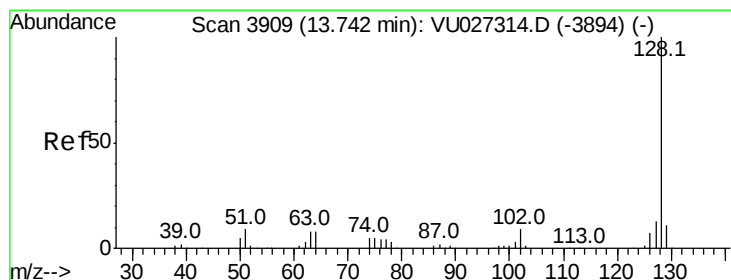
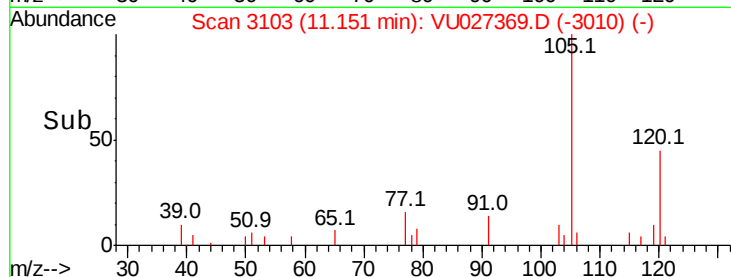
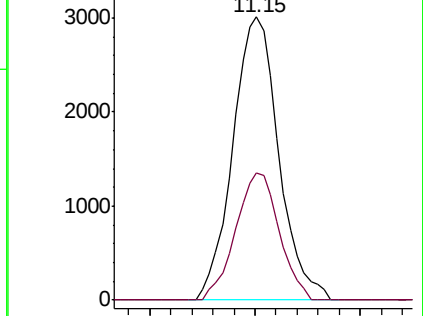
105 100

120 42.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 26.376 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027369.D

Acq: 03 Oct 2018 20:42

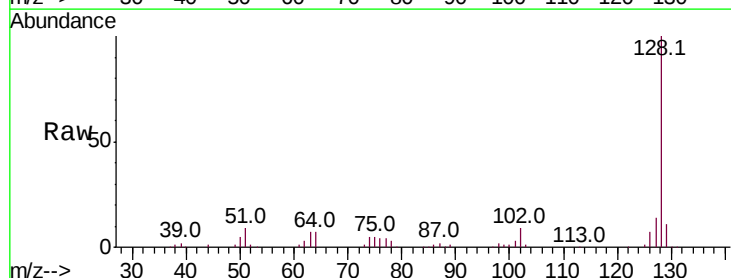
Tgt Ion:128 Resp: 148046

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.8 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

