

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027371.D
 Acq On : 03 Oct 2018 21:29
 Operator : MD/SY
 Sample : J5155-05DL 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW16S-GWDL

Quant Time: Oct 05 17:56:59 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

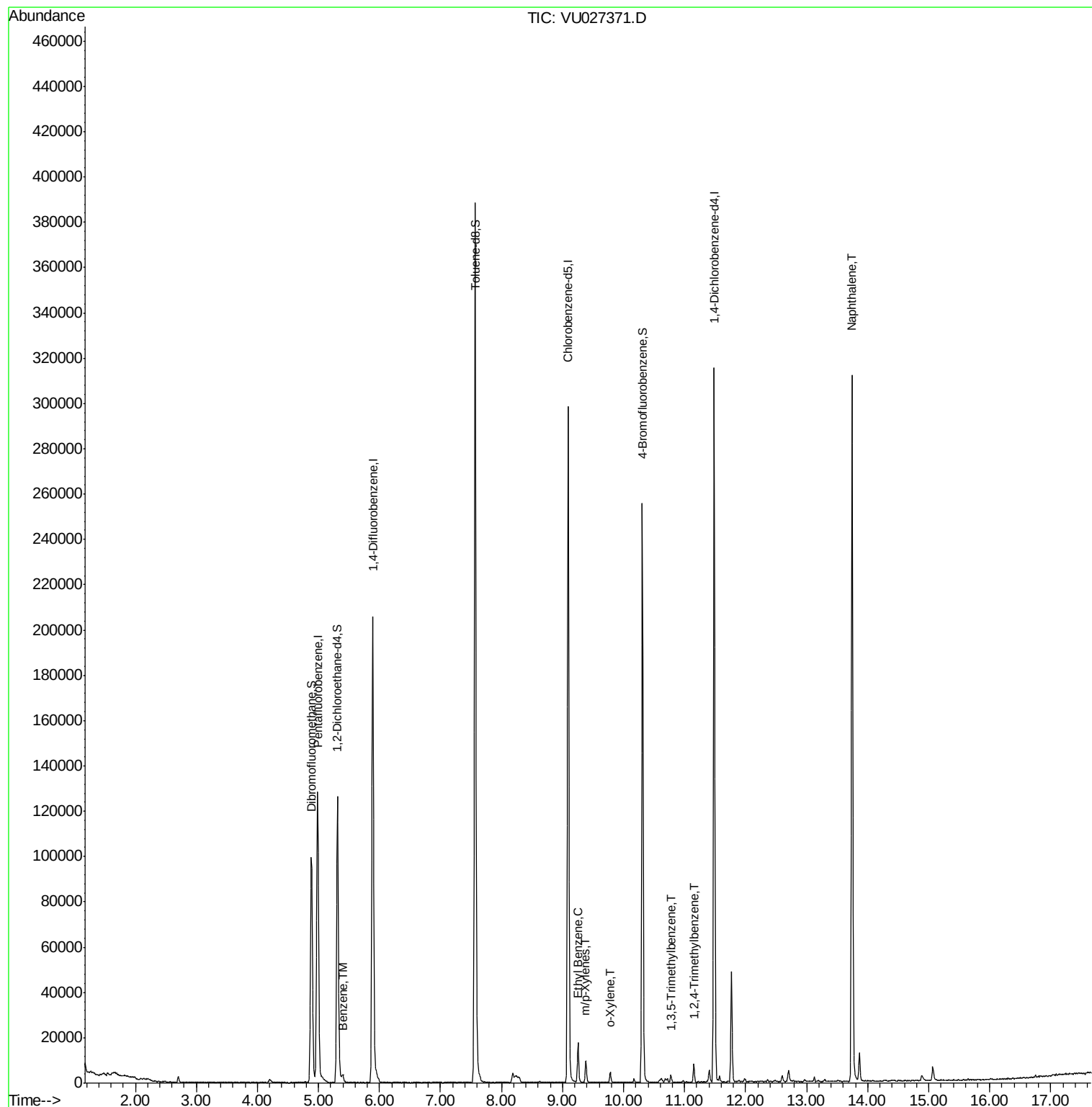
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	93193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	164617	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	154362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	100087	64.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.64%	
35) Dibromofluoromethane	4.88	113	68382	60.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.22%	
50) Toluene-d8	7.57	98	254412	60.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.50%	
62) 4-Bromofluorobenzene	10.31	95	82815	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
Target Compounds						
40) Benzene	5.39	78	2367	0.455	ug/l	96
67) Ethyl Benzene	9.25	91	12231	2.125	ug/l	98
68) m/p-Xylenes	9.38	106	2691	1.278	ug/l	96
69) o-Xylene	9.78	106	1353	0.676	ug/l	86
80) 1,3,5-Trimethylbenzene	10.77	105	1876	0.425	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	4577	1.016	ug/l	95
95) Naphthalene	13.75	128	229447	41.006	ug/l	99

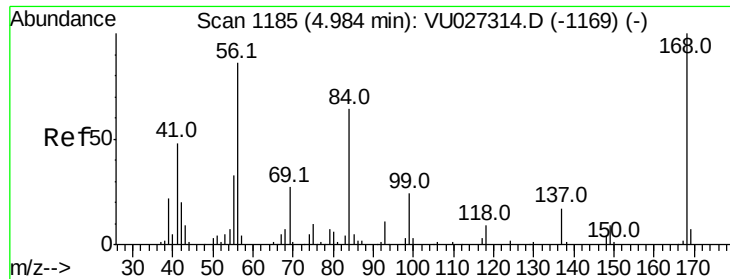
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

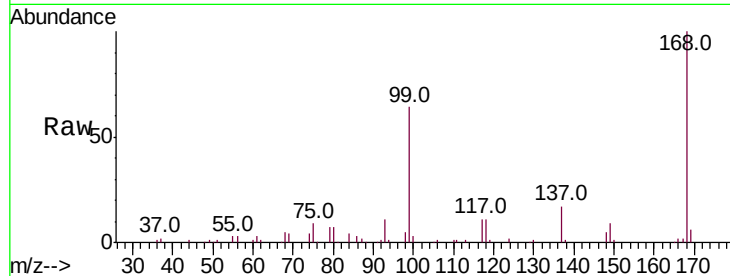
QNWP8-MW16S-GWDL

Tot Ion:168 Resp: 93193

Ion Ratio Lower Upper

168 100

99 63.8 50.8 76.2



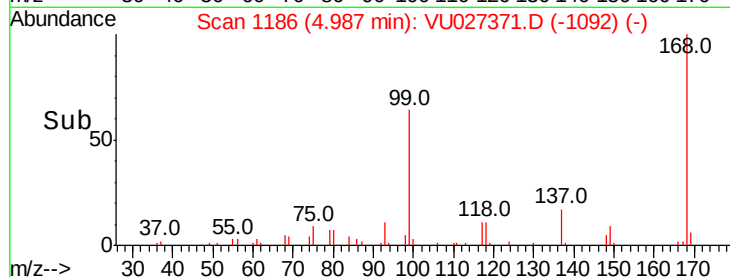
Abundance Ion 167.90 (167.60 to 168.60): VU027371.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027371.D (-1169) (-)

4.99

4.90 4.95 5.00 5.05

Time-->



Abundance

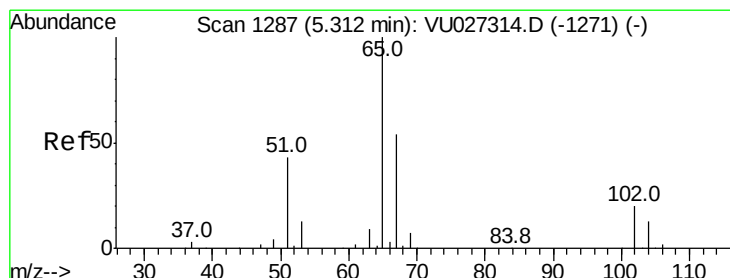
Ion 167.90 (167.60 to 168.60): VU027371.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027371.D (-1169) (-)

4.99

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 64.317 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027371.D

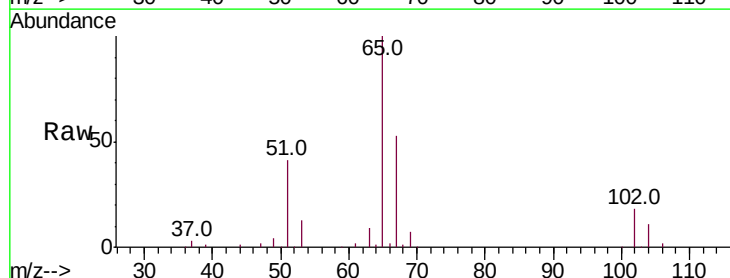
Acq: 03 Oct 2018 21:29

Tgt Ion: 65 Resp: 100087

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.8



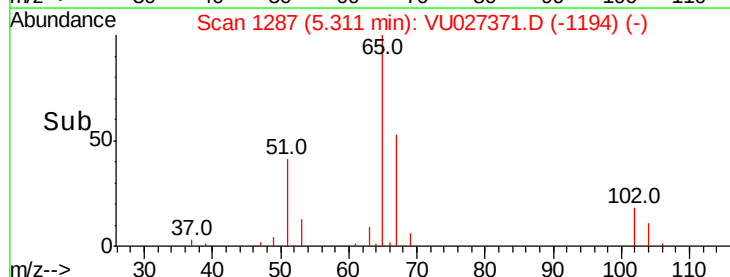
Abundance Ion 64.90 (64.60 to 65.60): VU027371.D (-1194) (-)

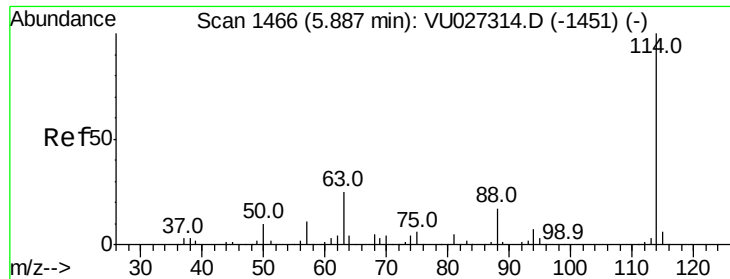
Ion 66.90 (66.60 to 67.60): VU027371.D (-1194) (-)

5.31

5.20 5.30 5.40 5.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

QNWP8-MW16S-GWDL

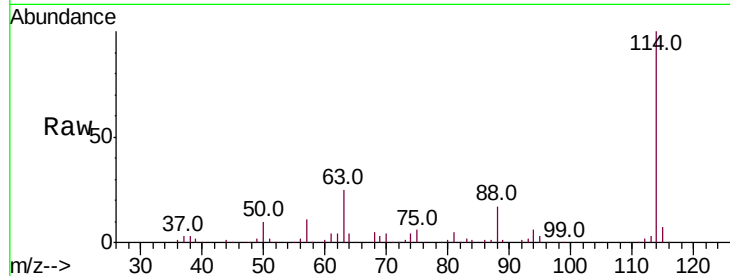
Tot Ion:114 Resp: 164617

Ion Ratio Lower Upper

114 100

63 25.2 0.0 50.2

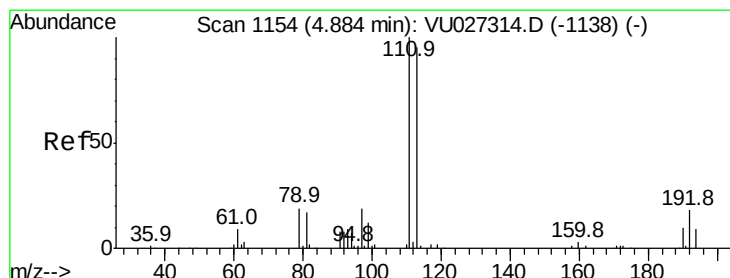
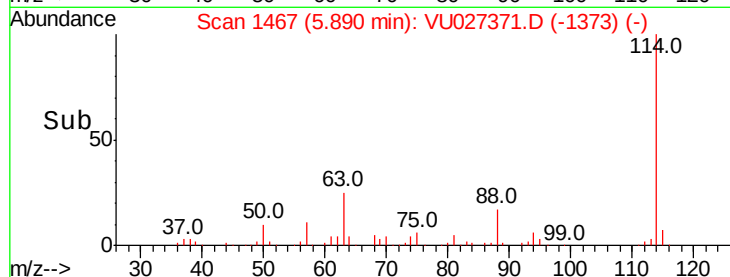
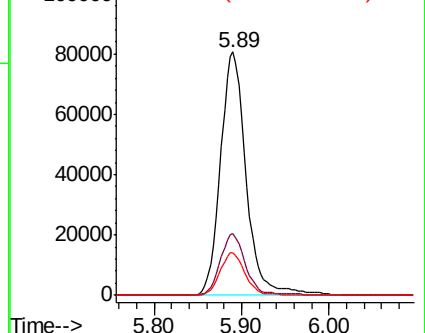
88 17.5 0.0 33.8



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: 60.613 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

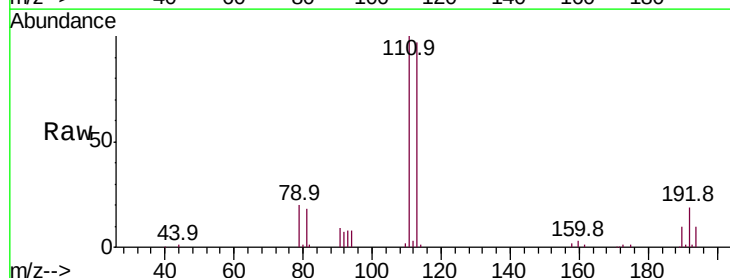
Tgt Ion:113 Resp: 68382

Ion Ratio Lower Upper

113 100

111 104.8 83.1 124.7

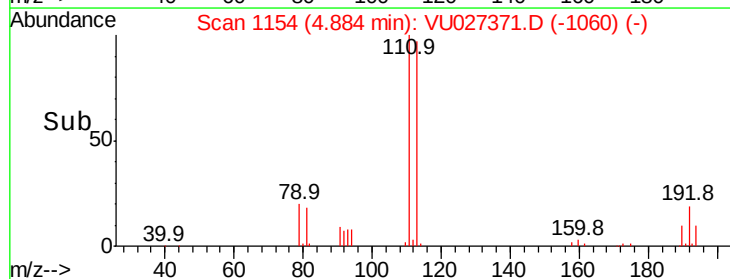
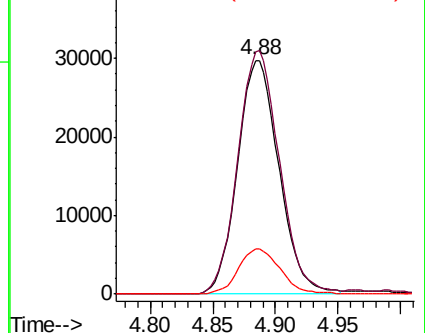
192 19.5 15.4 23.0

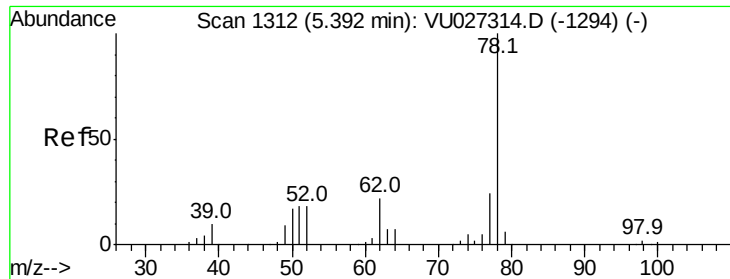


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.455 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

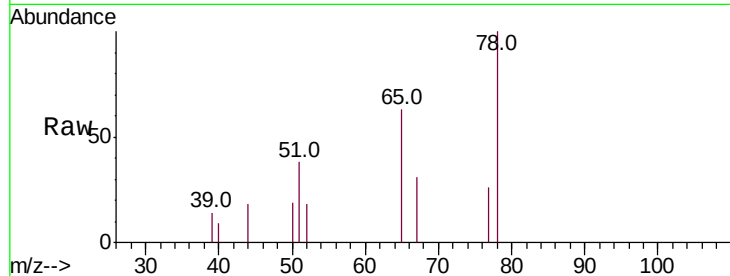
QNWP8-MW16S-GWDL

Tot Ion: 78 Resp: 2367

Ion Ratio Lower Upper

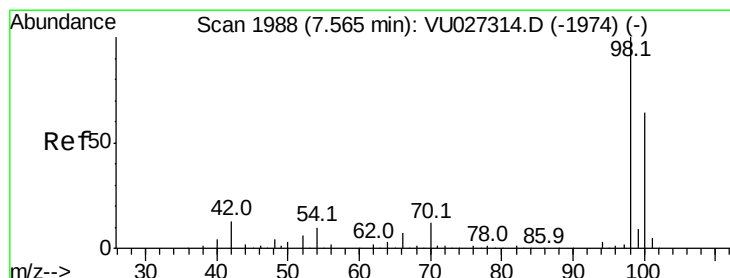
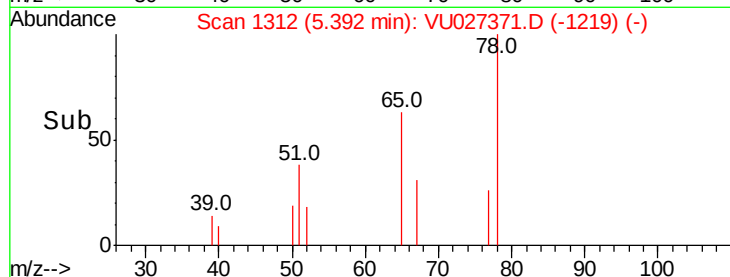
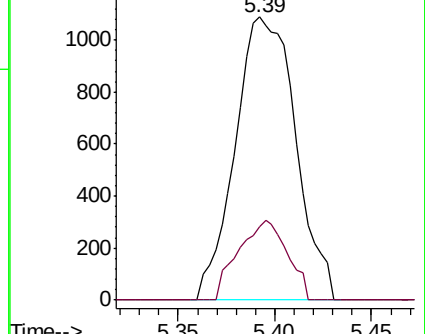
78 100

77 26.1 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: 60.253 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027371.D

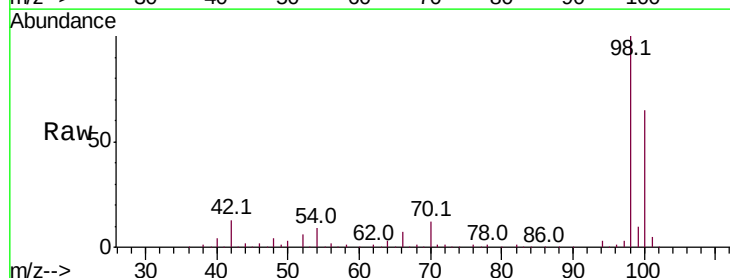
Acq: 03 Oct 2018 21:29

Tgt Ion: 98 Resp: 254412

Ion Ratio Lower Upper

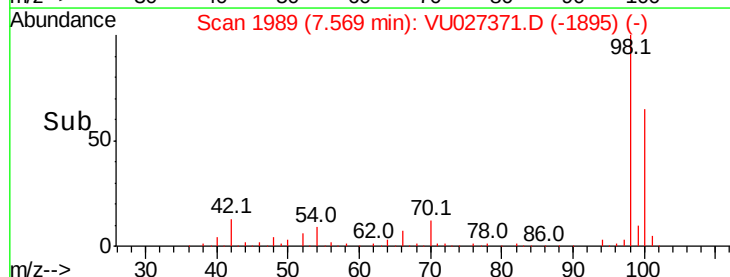
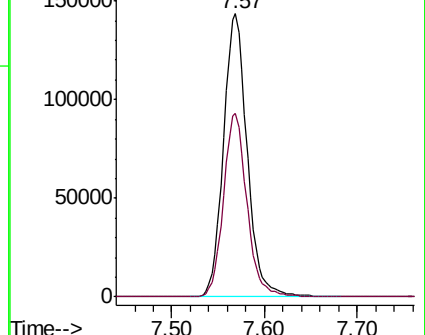
98 100

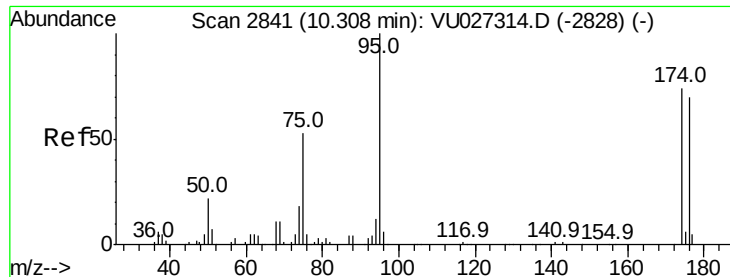
100 64.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 52.775 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

QNWP8-MW16S-GWDL

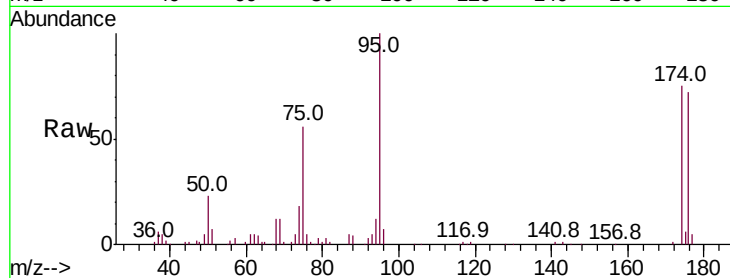
Tot Ion: 95 Resp: 82815

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	147.8
176	73.3	0.0	140.8

95 100

174 75.9 0.0 147.8

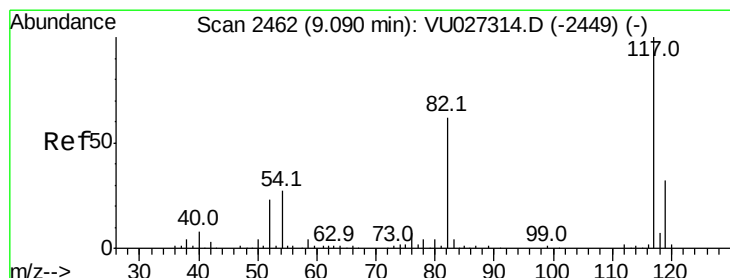
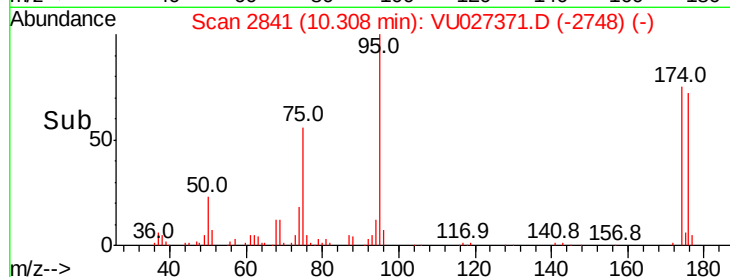
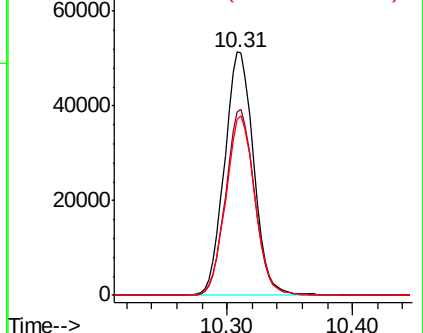
176 73.3 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027371.D

Acq: 03 Oct 2018 21:29

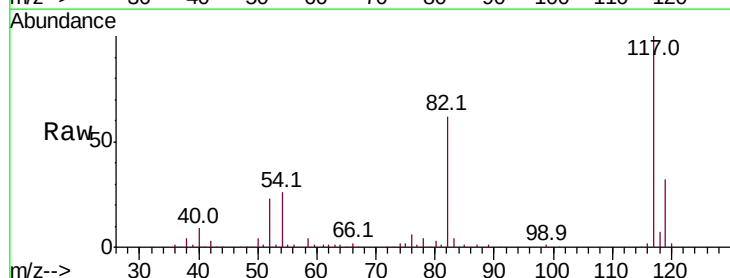
Tgt Ion: 117 Resp: 154362

Ion	Ratio	Lower	Upper
117	100		
82	61.8	49.2	73.8
119	32.5	25.7	38.5

117 100

82 61.8 49.2 73.8

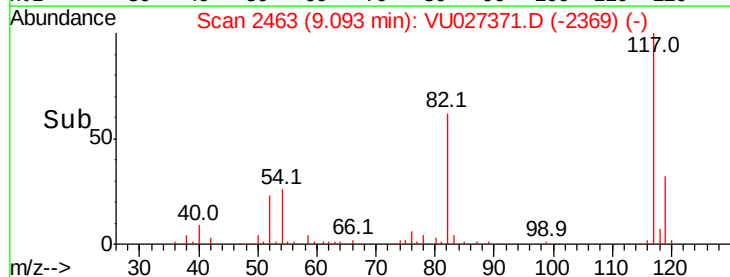
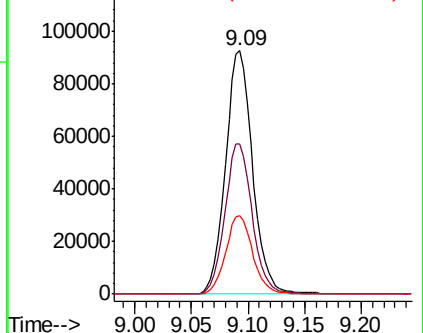
119 32.5 25.7 38.5

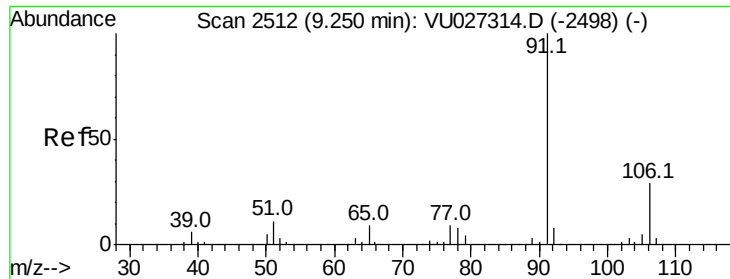


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

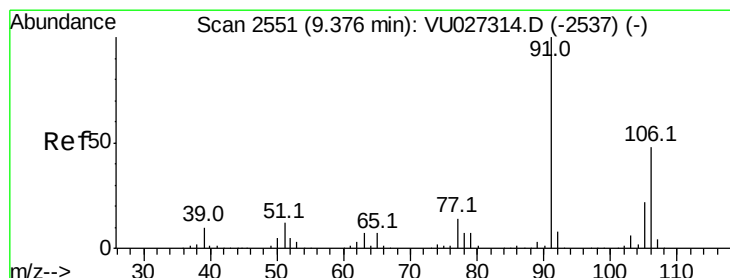
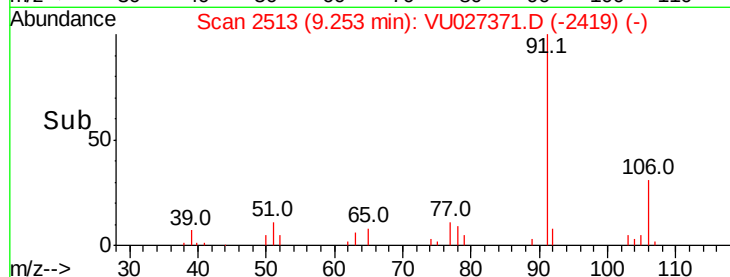
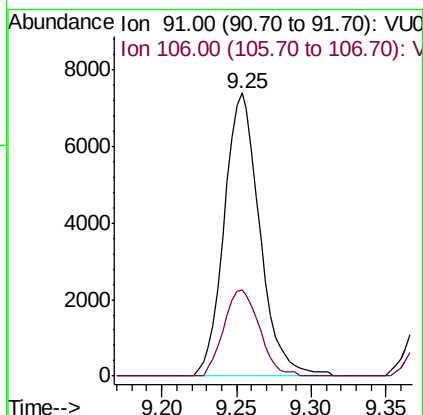
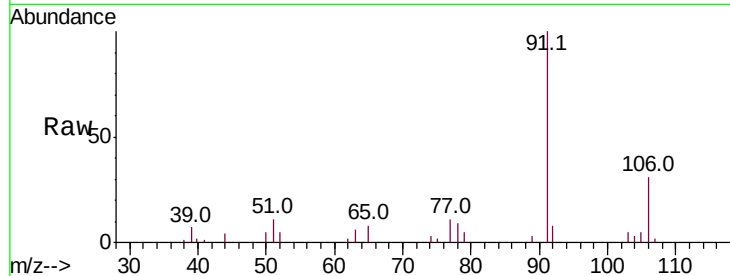




#67
Ethyl Benzene
Concen: 2.125 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

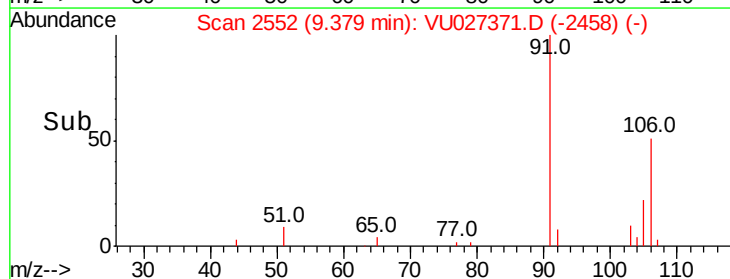
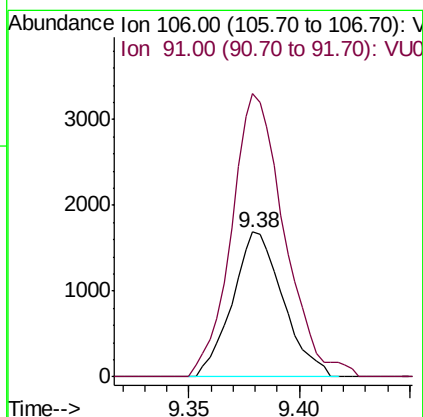
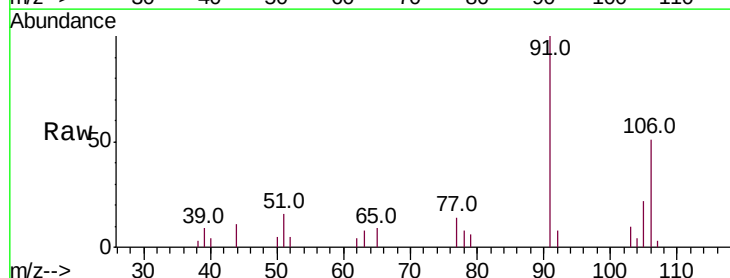
Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

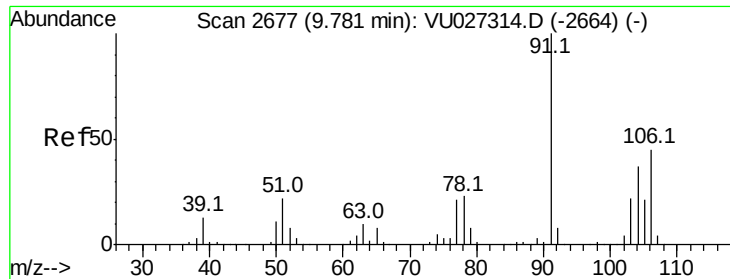
Tot Ion: 91 Resp: 12231
Ion Ratio Lower Upper
91 100
106 30.6 23.6 35.4



#68
m/p-Xylenes
Concen: 1.278 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Tgt Ion: 106 Resp: 2691
Ion Ratio Lower Upper
106 100
91 204.2 168.1 252.1

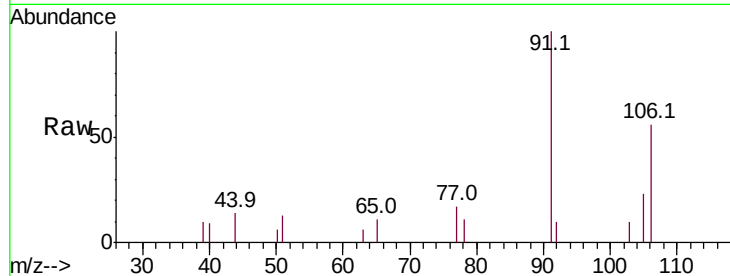




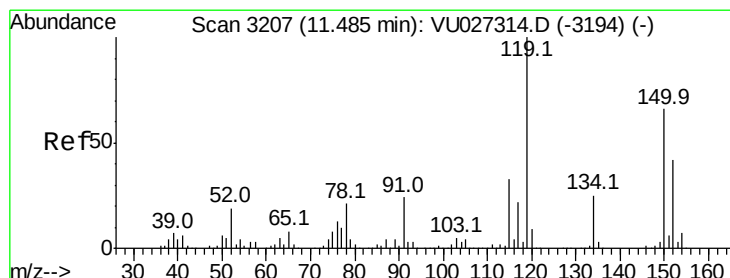
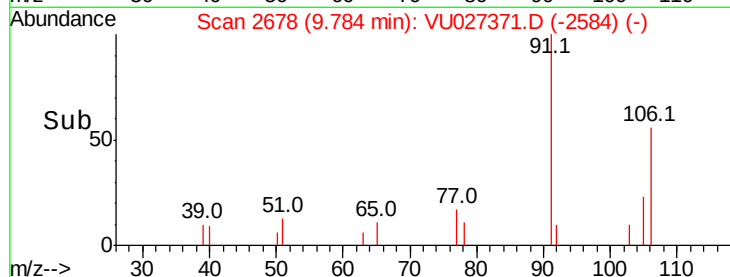
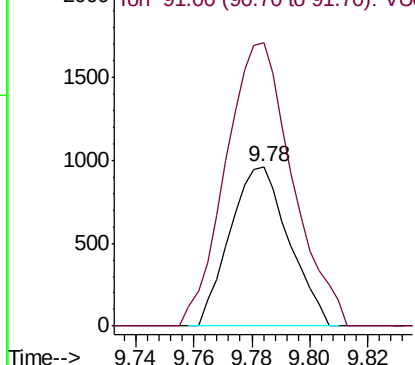
#69
o-Xylene
Concen: 0.676 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Instrument :
MSVOA_U
ClientSampleId :
QNWP8-MW16S-GWDL

Tot Ion:106 Resp: 1353
Ion Ratio Lower Upper
106 100
91 201.3 111.7 334.9

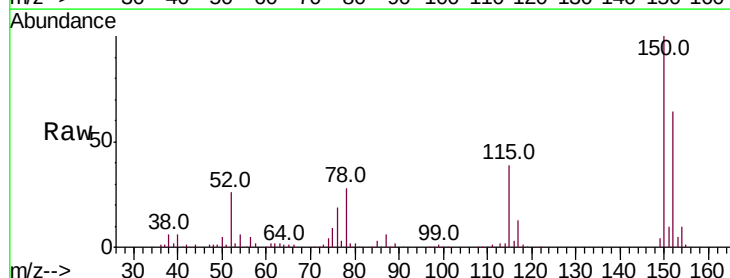


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

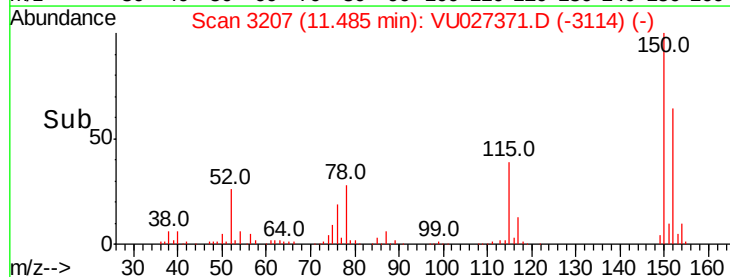
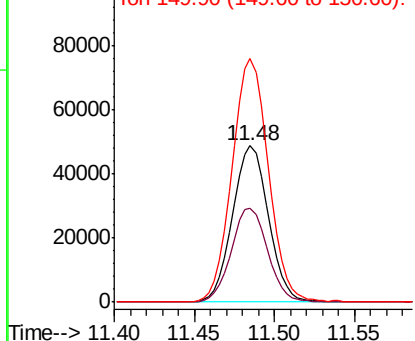


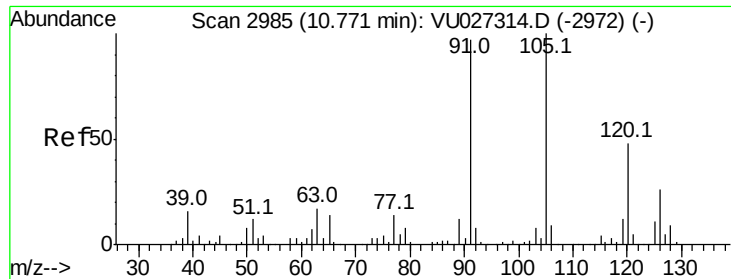
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027371.D
Acq: 03 Oct 2018 21:29

Tgt Ion:152 Resp: 74572
Ion Ratio Lower Upper
152 100
115 61.1 43.4 130.2
150 157.5 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

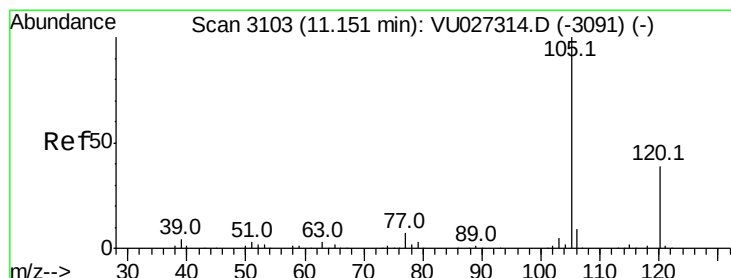
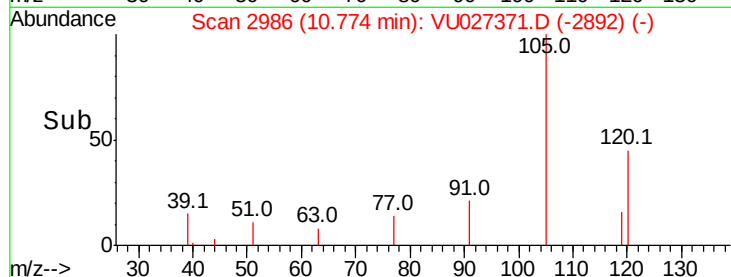
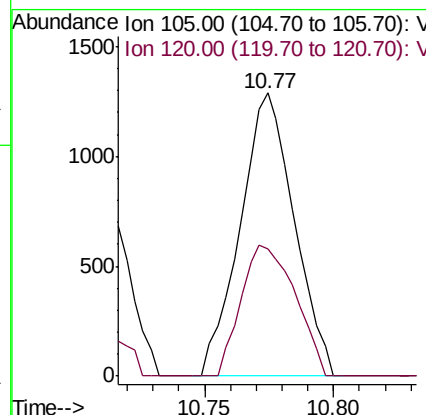
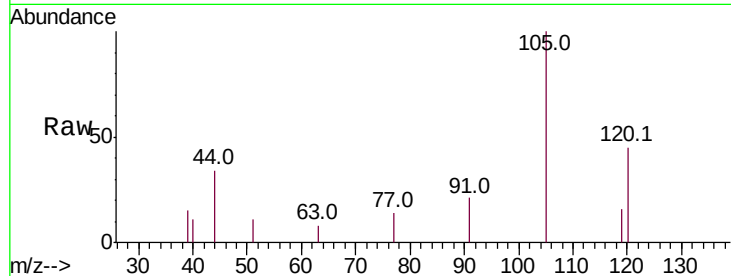




#80
 1,3,5-Trimethylbenzene
 Concen: 0.425 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027371.D
 Acq: 03 Oct 2018 21:29

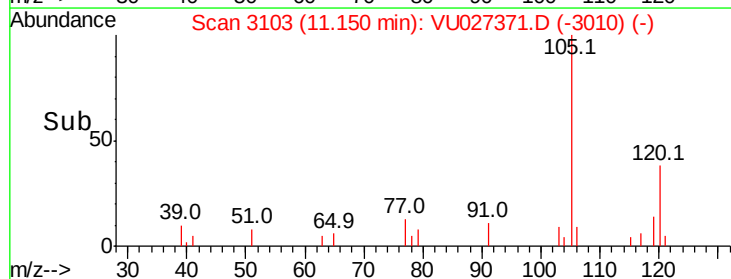
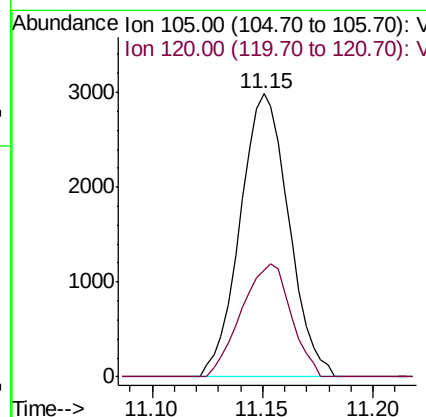
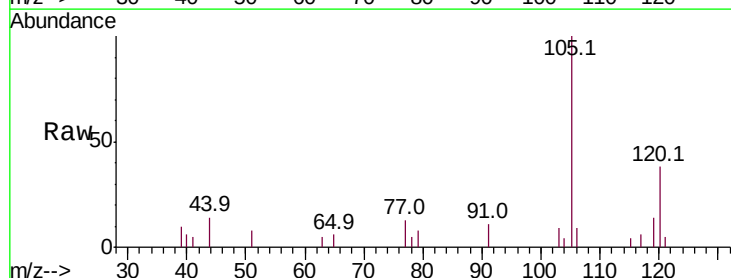
Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW16S-GWDL

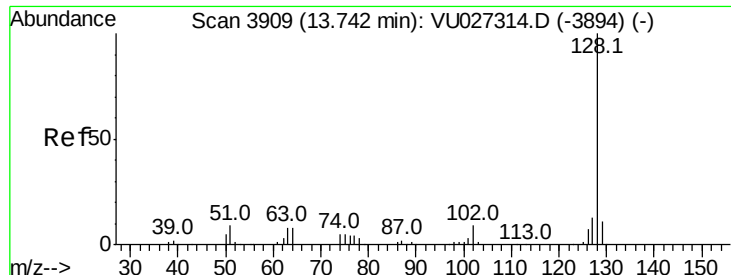
Tot Ion:105 Resp: 1876
 Ion Ratio Lower Upper
 105 100
 120 46.5 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.016 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027371.D
 Acq: 03 Oct 2018 21:29

Tgt Ion:105 Resp: 4577
 Ion Ratio Lower Upper
 105 100
 120 40.8 22.1 66.5





#95
 Naphthalene
 Concen: 41.006 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027371.D
 Acq: 03 Oct 2018 21:29

Instrument :
 MSVOA_U
 ClientSampleId :
 QNWP8-MW16S-GWDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.1	8.6	12.8

