

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034320.D
 Acq On : 06 Sep 2019 11:09
 Operator : JC/SP
 Sample : K4689-01DL 250X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1ADL

Quant Time: Sep 10 13:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

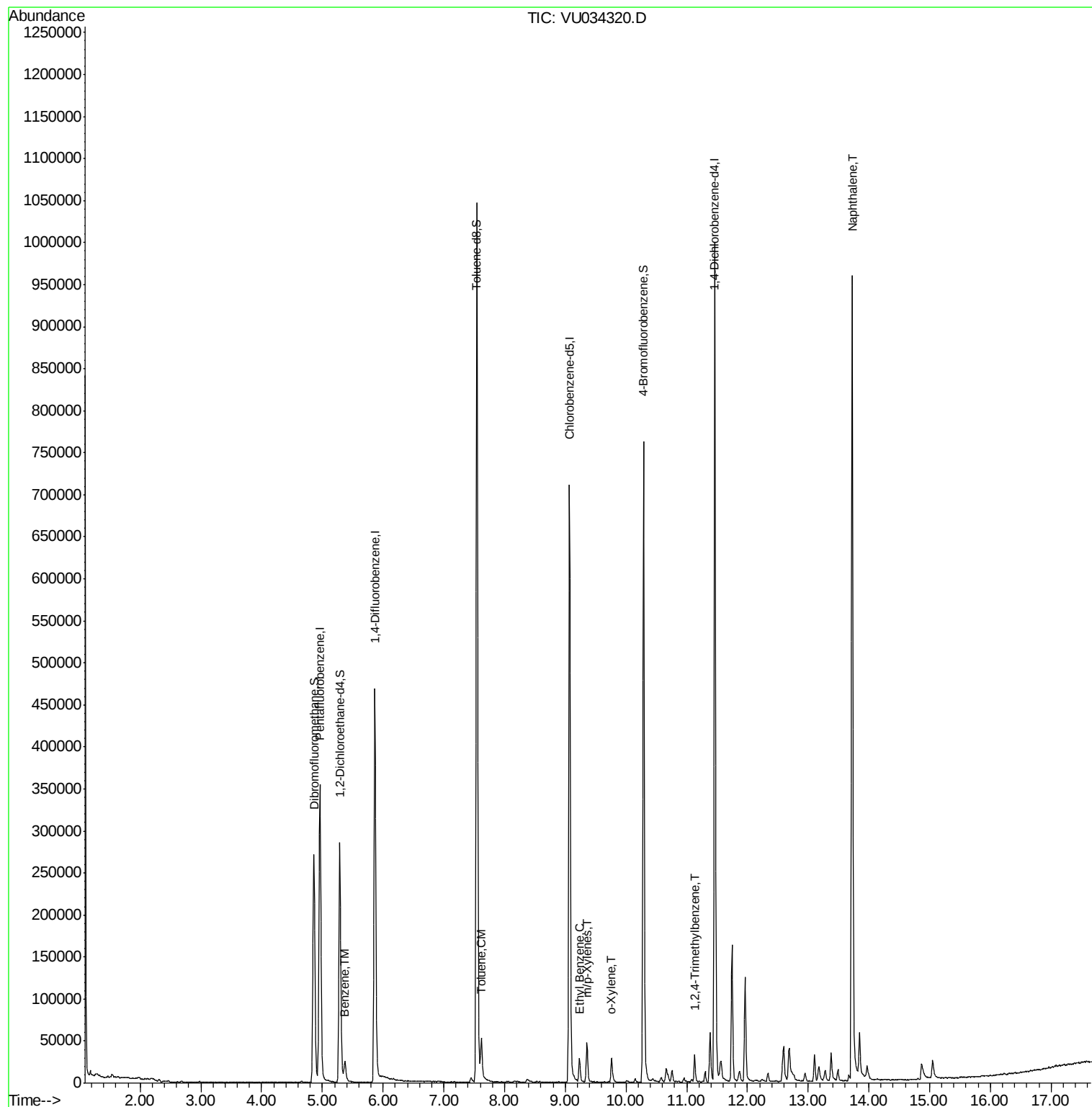
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	293753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	426651	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	426646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	274511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	223118	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	4.86	113	197638	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	7.55	98	735272	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	10.29	95	262470	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						
40) Benzene	5.37	78	23257	1.558	ug/l	100
52) Toluene	7.62	92	21588	2.305	ug/l	97
67) Ethyl Benzene	9.23	91	21476	1.213	ug/l	98
68) m/p-Xylenes	9.36	106	14564	2.185	ug/l	97
69) o-Xylene	9.76	106	8103	1.243	ug/l	97
84) 1,2,4-Trimethylbenzene	11.13	105	17975	1.195	ug/l	98
95) Naphthalene	13.73	128	843892	46.433	ug/l	99

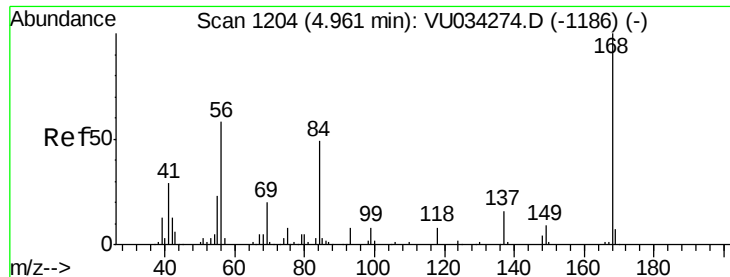
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034320.D

Acq: 06 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

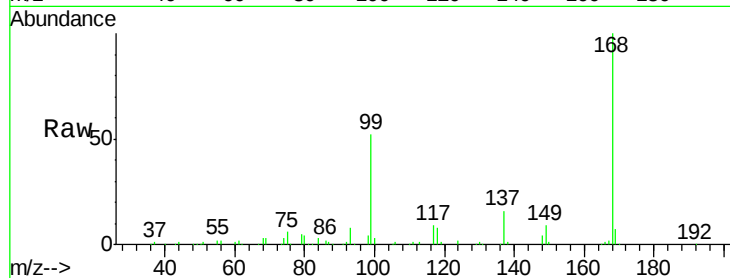
MW-1ADL

Tot Ion:168 Resp: 293753

Ion Ratio Lower Upper

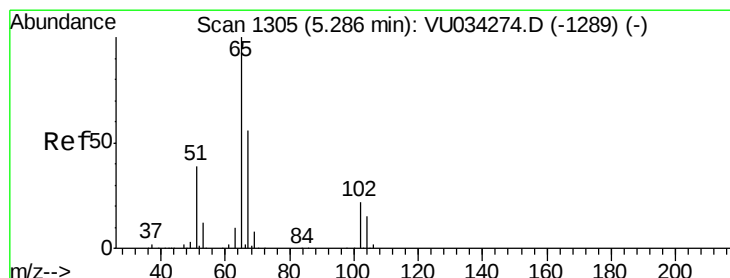
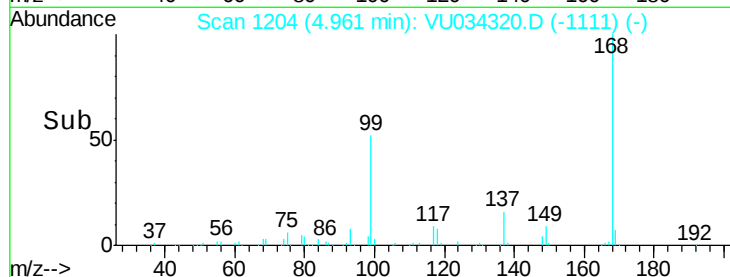
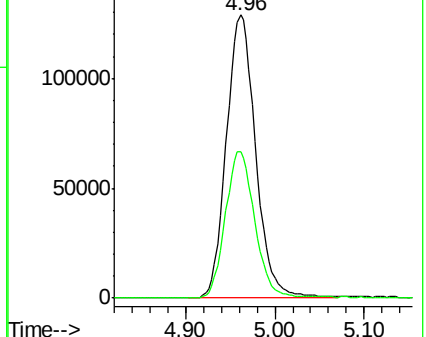
168 100

99 51.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034320.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034320.D (-1111) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.200 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034320.D

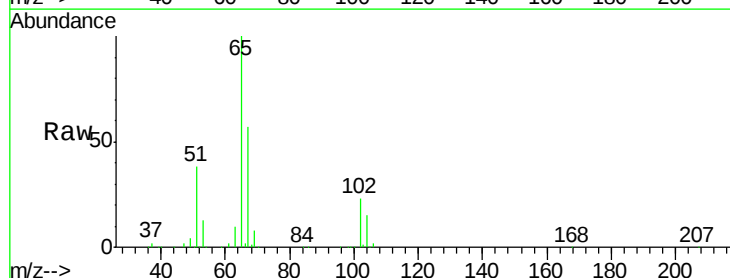
Acq: 06 Sep 2019 11:09

Tgt Ion: 65 Resp: 223118

Ion Ratio Lower Upper

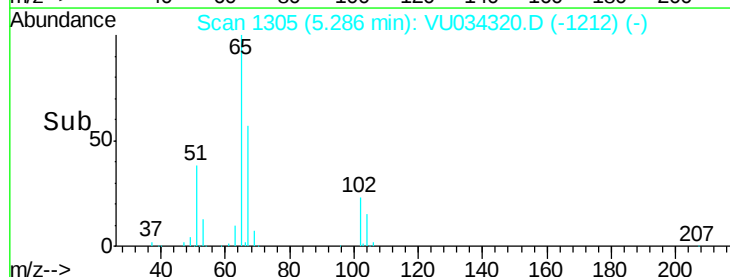
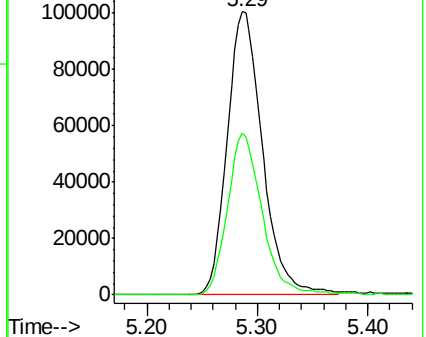
65 100

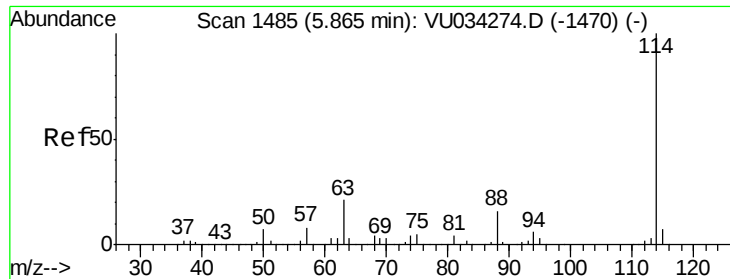
67 56.2 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034320.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034320.D (-1212) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034320.D

Acq: 06 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

MW-1ADL

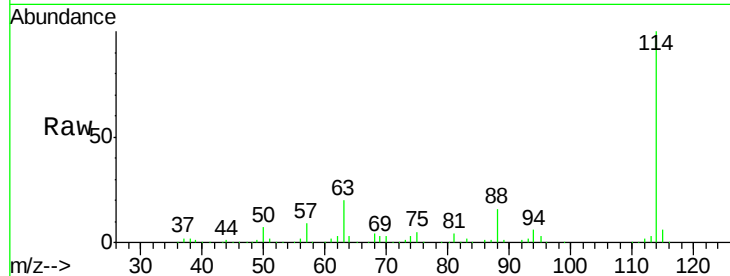
Tot Ion:114 Resp: 426651

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

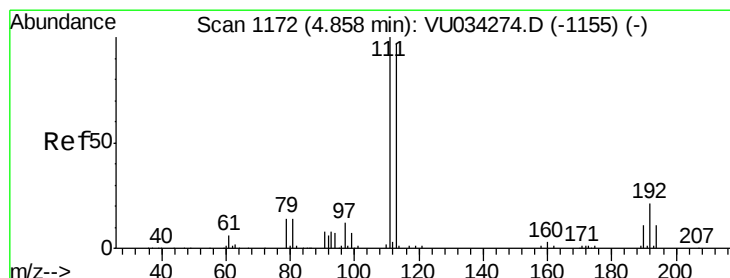
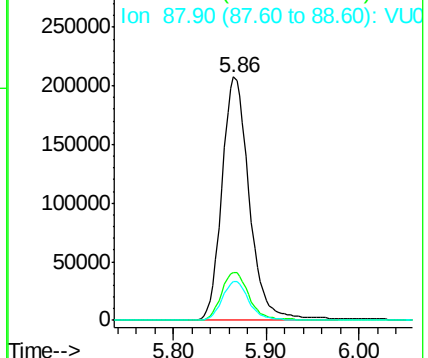
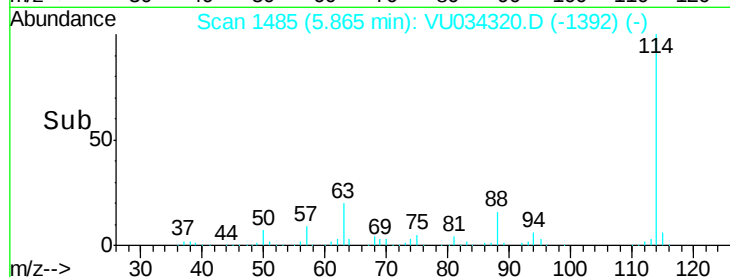
88 16.0 0.0 32.4



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: 49.783 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034320.D

Acq: 06 Sep 2019 11:09

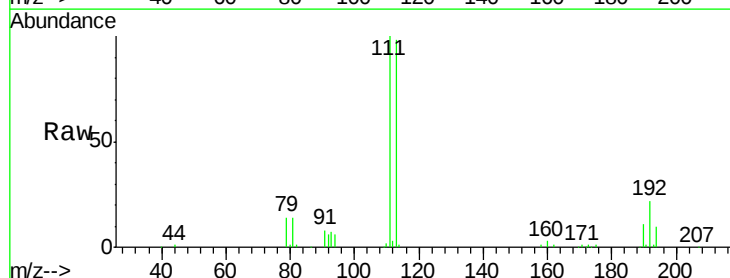
Tgt Ion:113 Resp: 197638

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

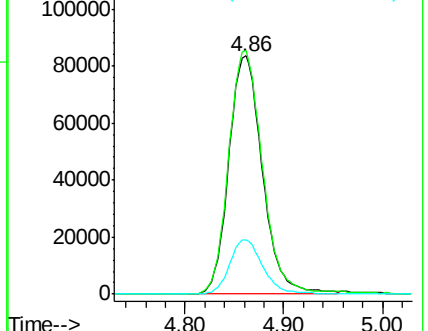
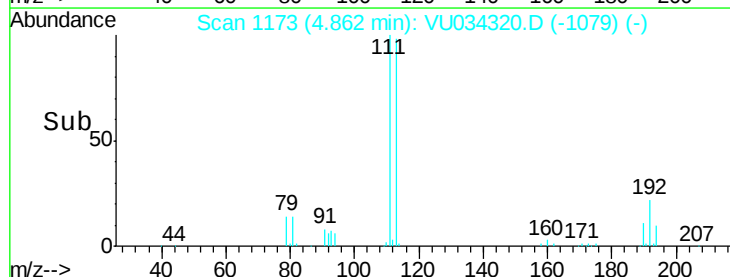
192 22.7 17.8 26.8

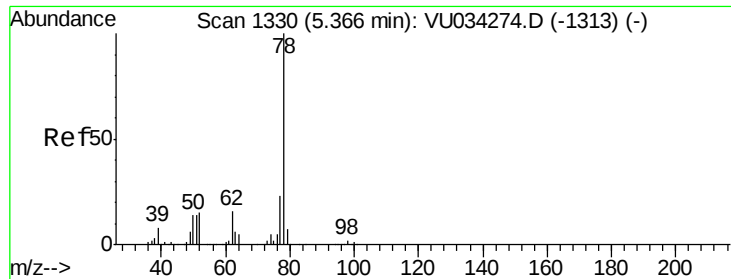


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.558 ug/l

RT: 5.37 min Scan# 1332

Delta R.T. 0.01 min

Lab File: VU034320.D

Acq: 06 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampled :

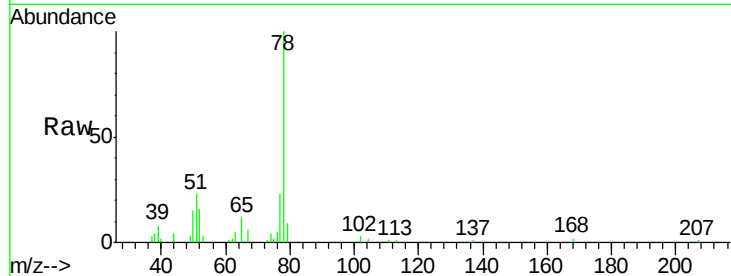
MW-1ADL

Tot Ion: 78 Resp: 23257

Ion Ratio Lower Upper

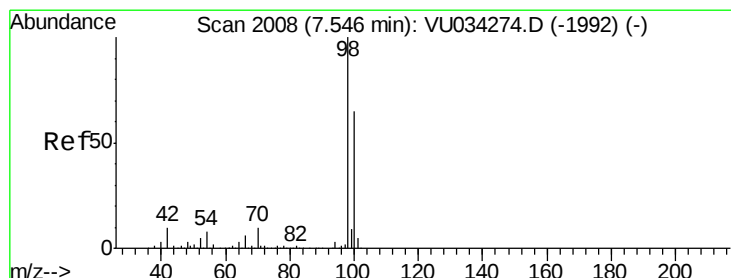
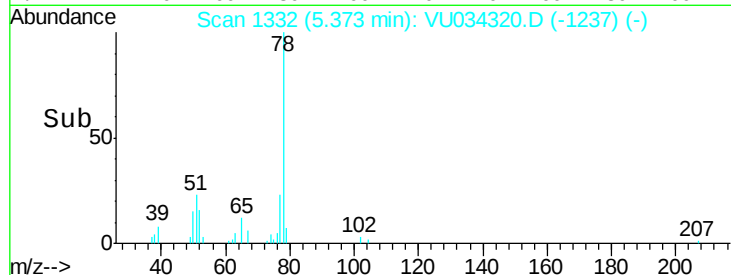
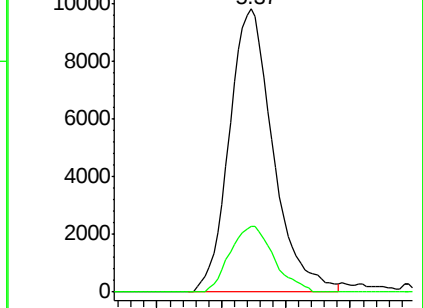
78 100

77 23.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VU034320.D (-1313) (-)

Ion 77.00 (76.70 to 77.70): VU034320.D (-1313) (-)



#50

Toluene-d8

Concen: 49.296 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034320.D

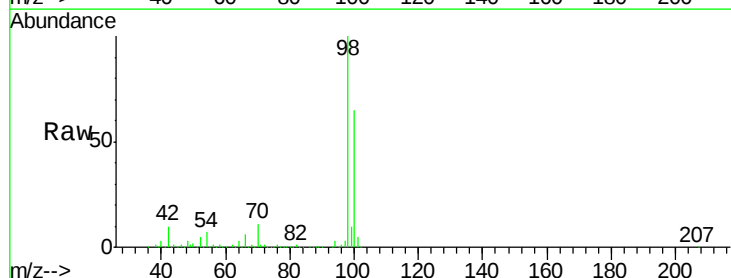
Acq: 06 Sep 2019 11:09

Tgt Ion: 98 Resp: 735272

Ion Ratio Lower Upper

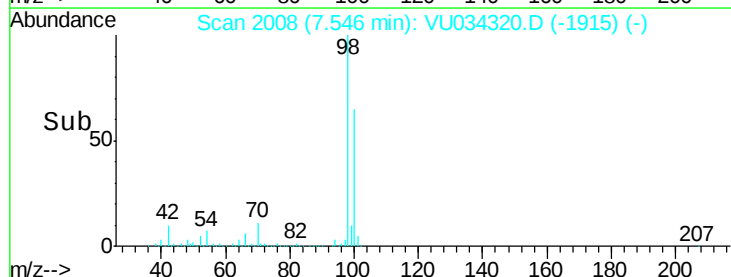
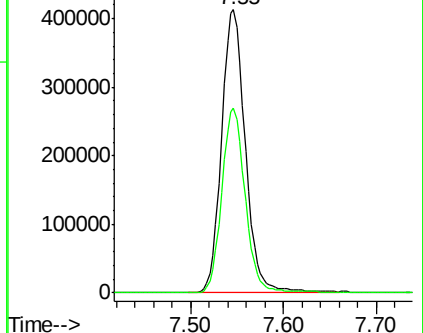
98 100

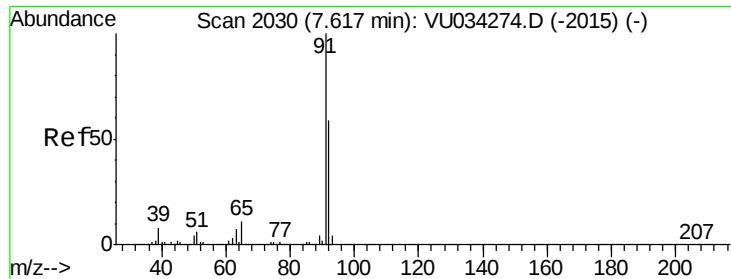
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034320.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034320.D (-1915) (-)





#52

Toluene

Concen: 2.305 ug/l

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU034320.D

Acq: 06 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

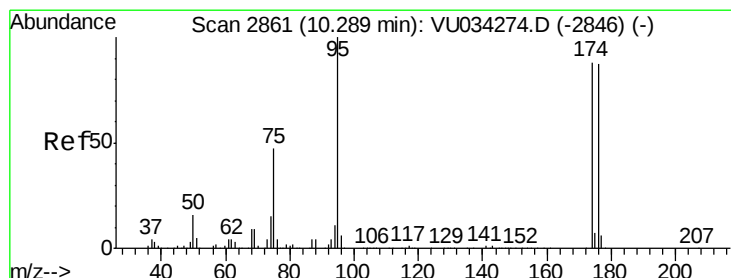
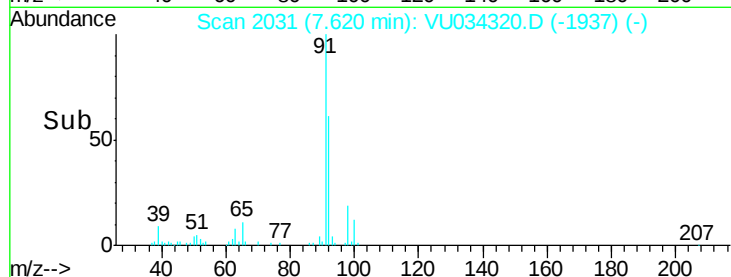
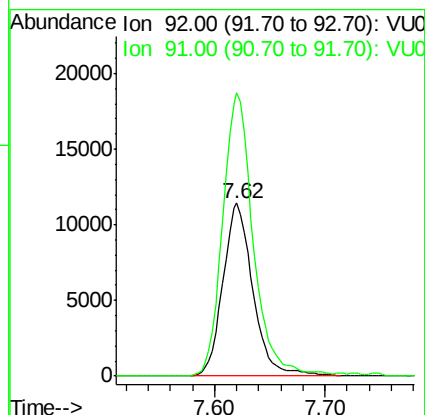
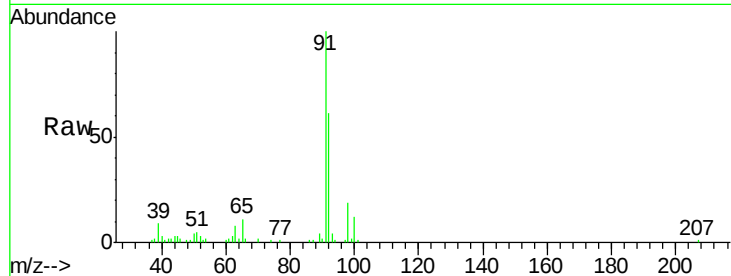
MW-1ADL

Tot Ion: 92 Resp: 21588

Ion Ratio Lower Upper

92 100

91 166.5 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 45.578 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034320.D

Acq: 06 Sep 2019 11:09

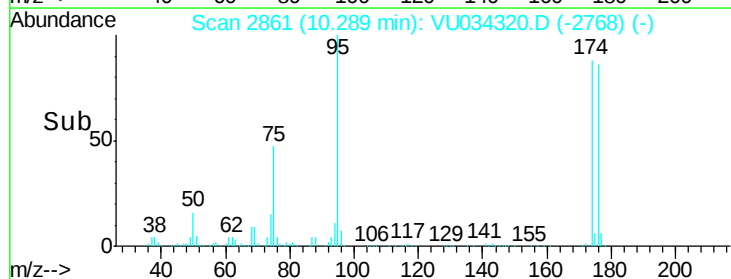
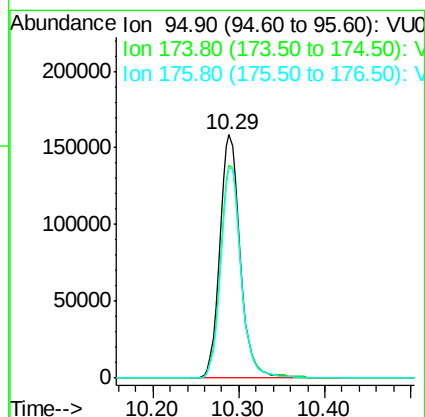
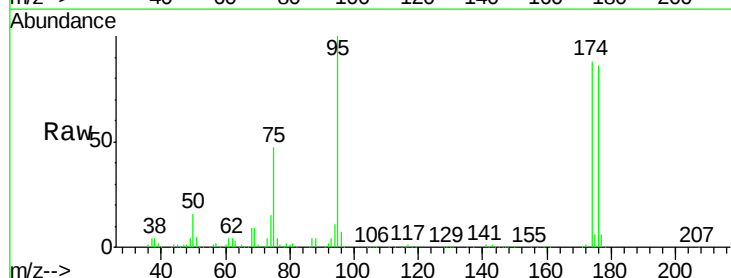
Tgt Ion: 95 Resp: 262470

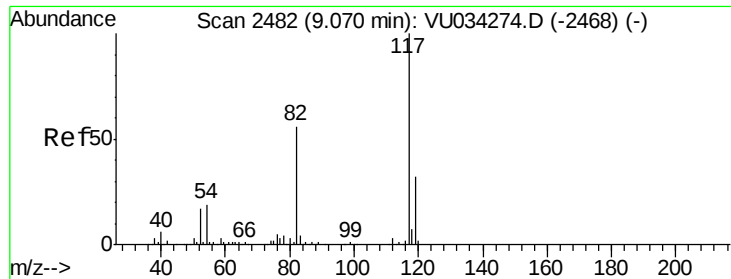
Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.2

176 85.9 0.0 168.0

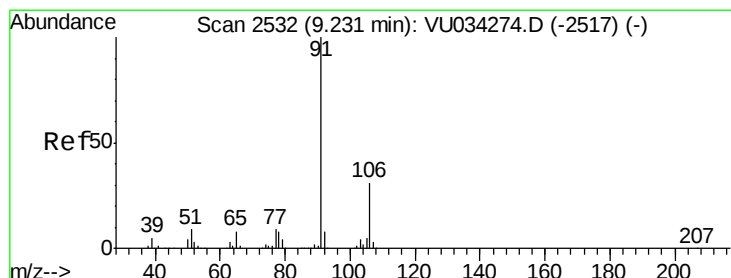
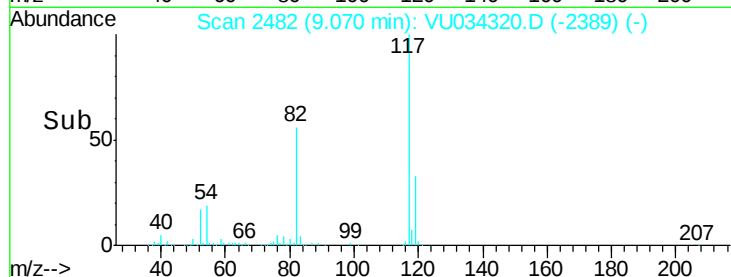
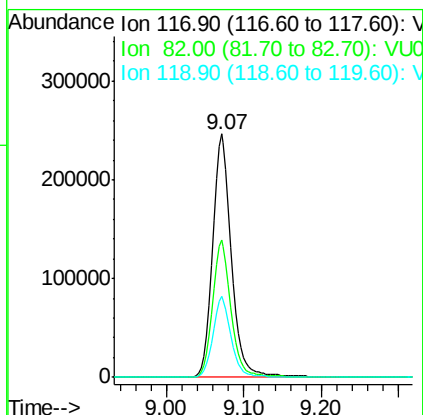
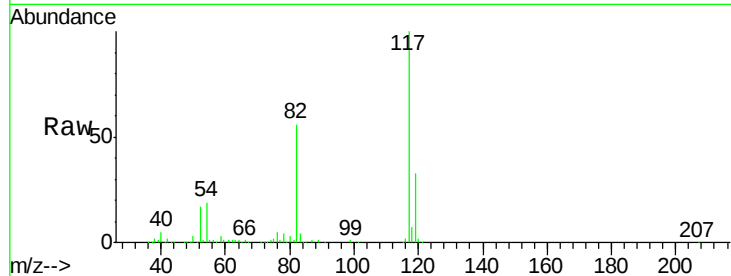




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034320.D
Acq: 06 Sep 2019 11:09

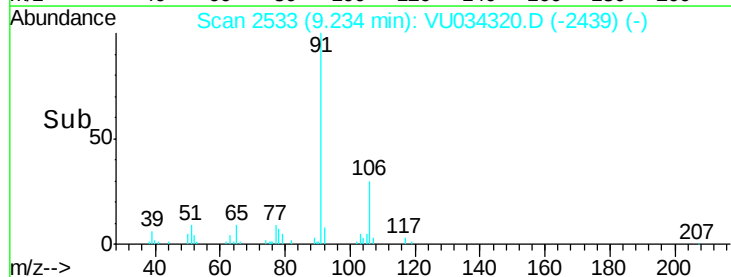
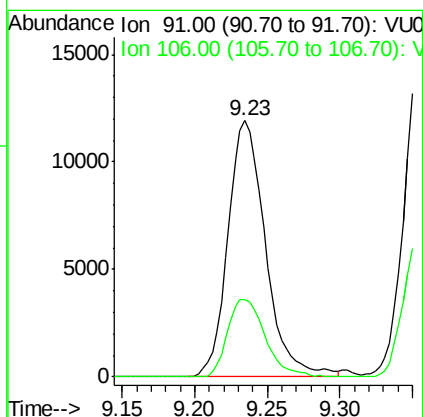
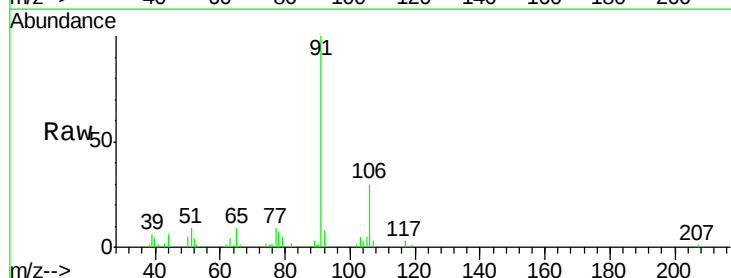
Instrument :
MSVOA_U
ClientSampleId :
MW-1ADL

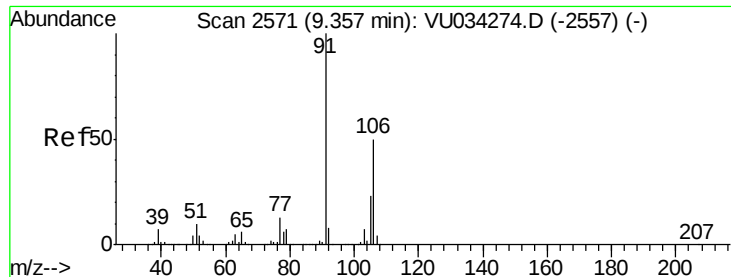
Tot Ion:117 Resp: 426646
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 33.2 25.9 38.9



#67
Ethyl Benzene
Concen: 1.213 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU034320.D
Acq: 06 Sep 2019 11:09

Tgt Ion: 91 Resp: 21476
Ion Ratio Lower Upper
91 100
106 30.2 24.8 37.2

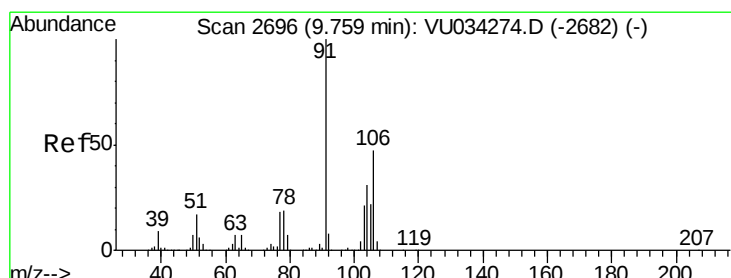
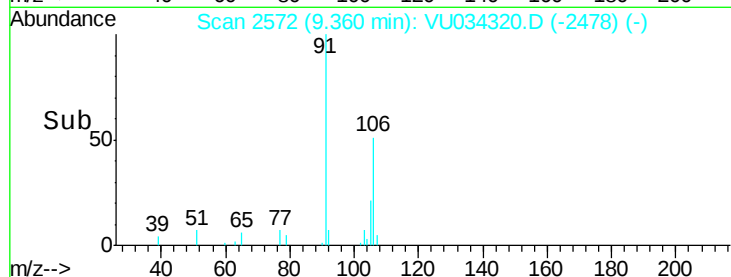
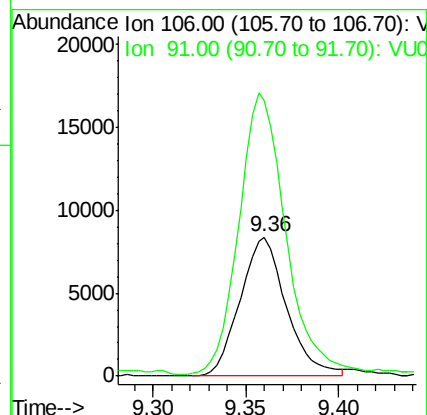
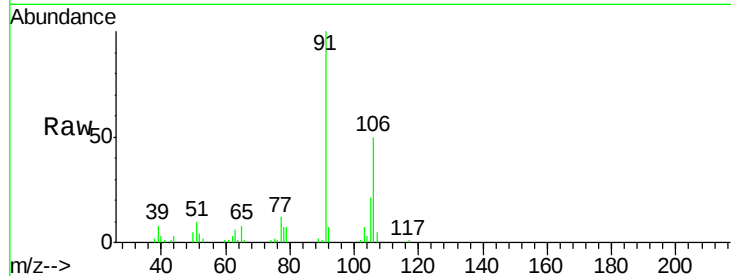




#68
m/p-Xylenes
Concen: 2.185 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU034320.D
Acq: 06 Sep 2019 11:09

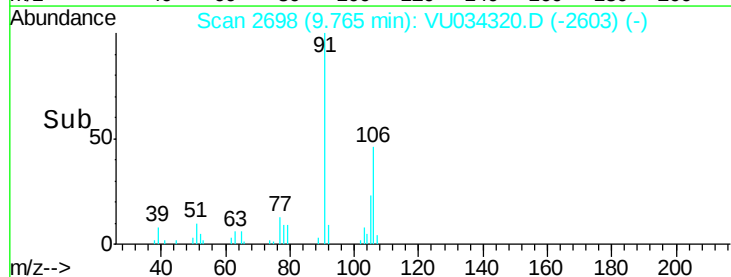
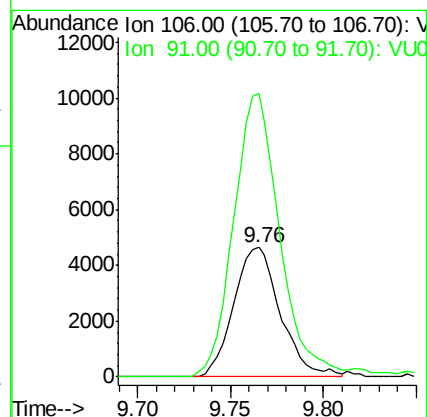
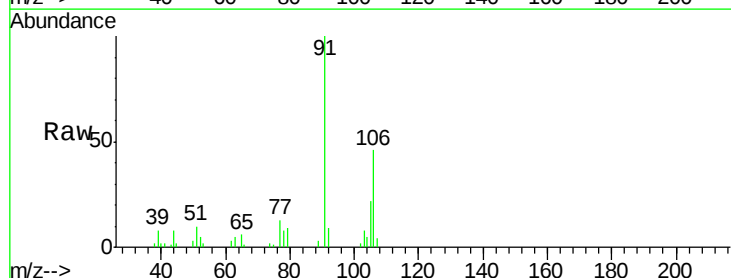
Instrument :
MSVOA_U
ClientSampleId :
MW-1ADL

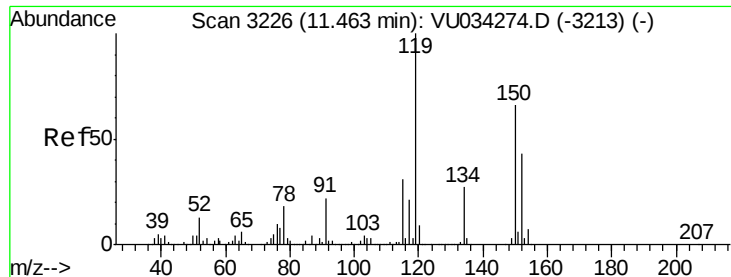
Tot Ion:106 Resp: 14564
Ion Ratio Lower Upper
106 100
91 205.3 160.1 240.1



#69
o-Xylene
Concen: 1.243 ug/l
RT: 9.76 min Scan# 2698
Delta R.T. 0.01 min
Lab File: VU034320.D
Acq: 06 Sep 2019 11:09

Tgt Ion:106 Resp: 8103
Ion Ratio Lower Upper
106 100
91 215.5 105.1 315.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034320.D

Acq: 06 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

MW-1ADL

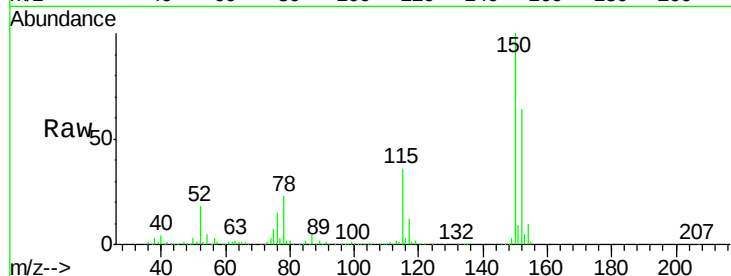
Tot Ion:152 Resp: 274511

Ion Ratio Lower Upper

152 100

115 56.6 39.1 117.3

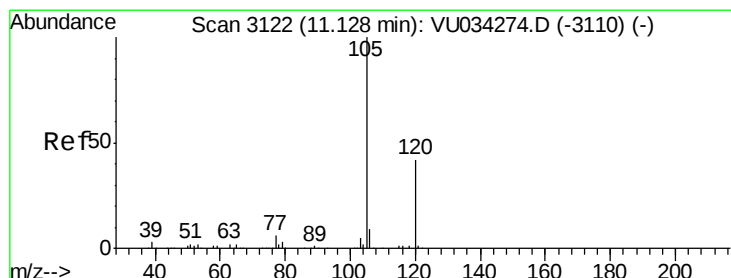
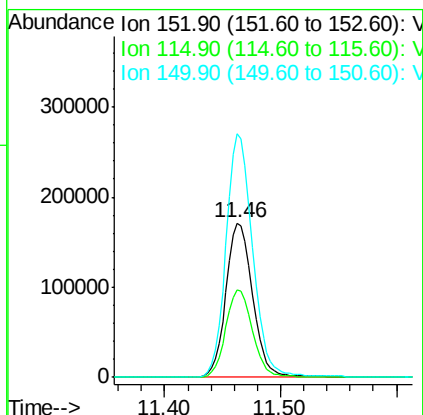
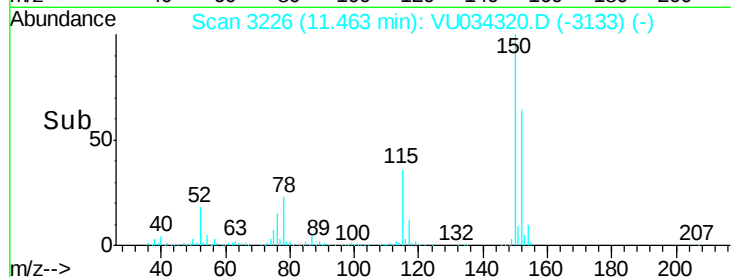
150 155.3 0.0 345.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.195 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VU034320.D

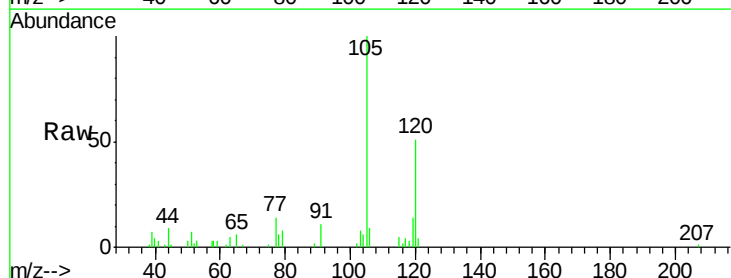
Acq: 06 Sep 2019 11:09

Tgt Ion:105 Resp: 17975

Ion Ratio Lower Upper

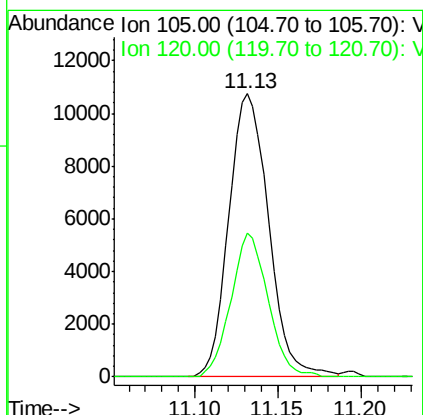
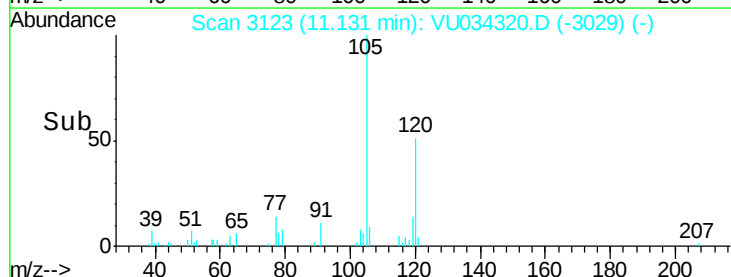
105 100

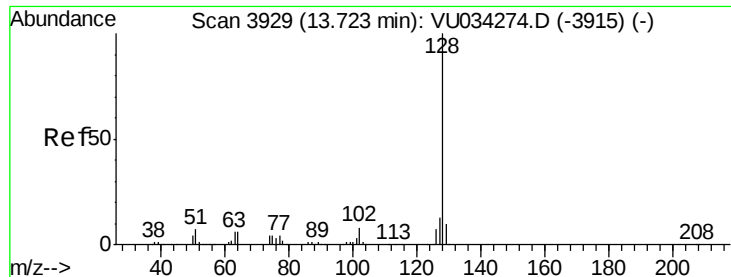
120 47.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
 Naphthalene
 Concen: 46.433 ug/l
 RT: 13.73 min Scan# 3930
 Delta R.T. 0.00 min
 Lab File: VU034320.D
 Acq: 06 Sep 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1ADL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	10.6	8.4	12.6

