

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034323.D
 Acq On : 06 Sep 2019 12:19
 Operator : JC/SP
 Sample : K4689-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5A

Quant Time: Sep 06 13:45:23 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	280924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	421818	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	417536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	259219	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	226804	53.36	ug/l	0.00
Spiked Amount			Recovery	=	106.72%	
35) Dibromofluoromethane	4.86	113	196136	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	7.55	98	721605	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	10.29	95	255103	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	

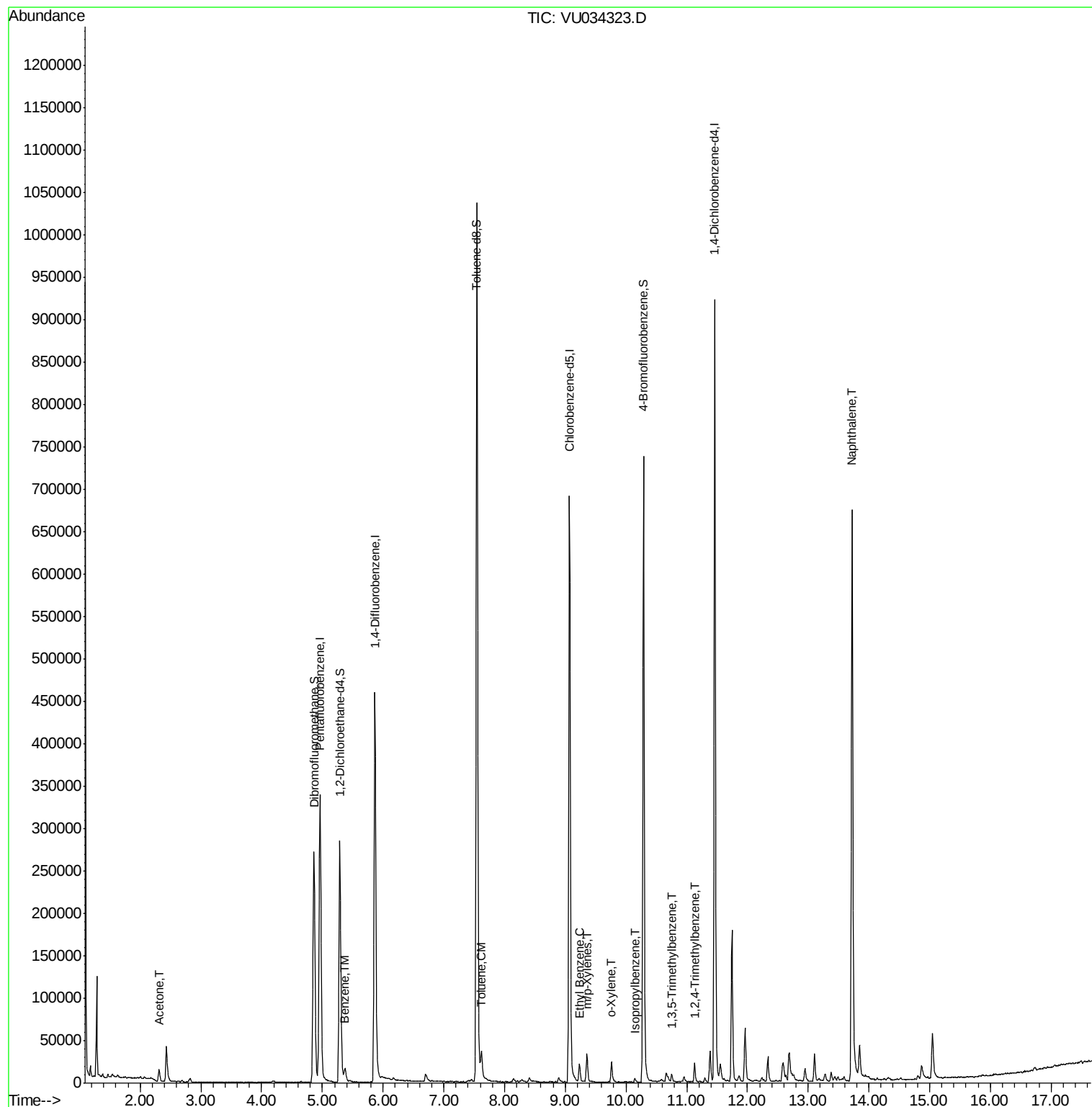
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.31	43	15737	7.155	ug/l	98
40) Benzene	5.37	78	13478	0.913	ug/l	92
52) Toluene	7.62	92	13513	1.459	ug/l	97
67) Ethyl Benzene	9.23	91	16342	0.944	ug/l	96
68) m/p-Xylenes	9.36	106	10618	1.628	ug/l	96
69) o-Xylene	9.76	106	6414	1.006	ug/l	97
73) Isopropylbenzene	10.15	105	3480	0.206	ug/l	97
80) 1,3,5-Trimethylbenzene	10.76	105	5466	0.387	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	12906	0.909	ug/l	98
95) Naphthalene	13.72	128	598409	35.856	ug/l	100

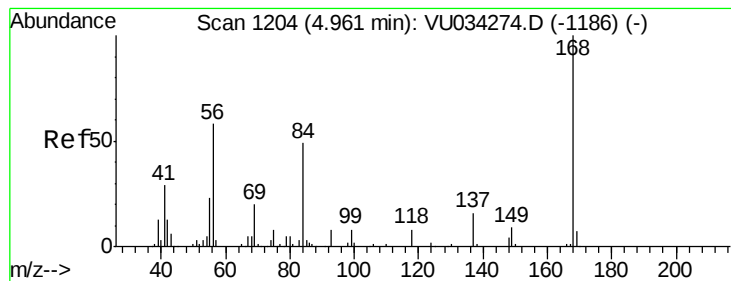
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
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: VU034323.D

Acq: 06 Sep 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

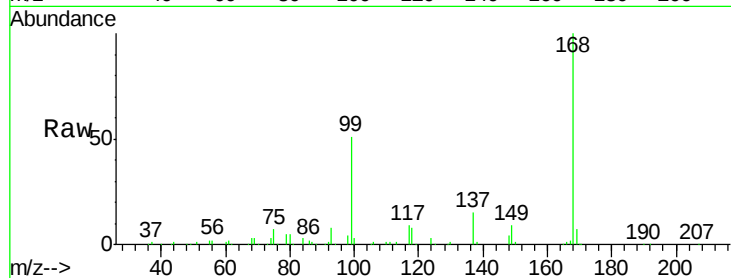
MW-5A

Tot Ion:168 Resp: 280924

Ion Ratio Lower Upper

168 100

99 50.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

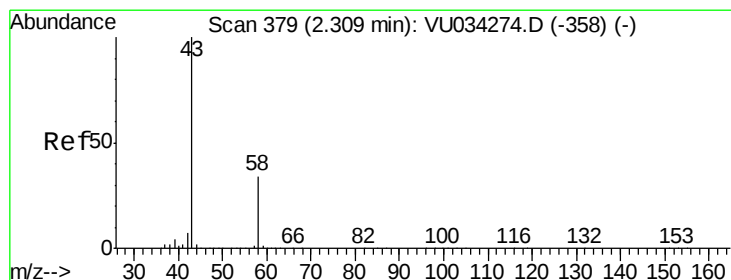
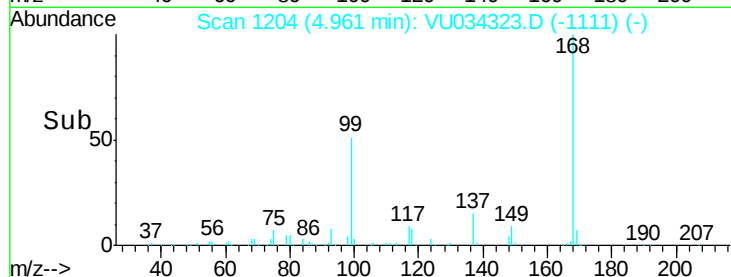
4.96

100000

50000

0

Time-->



#16

Acetone

Concen: 7.155 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034323.D

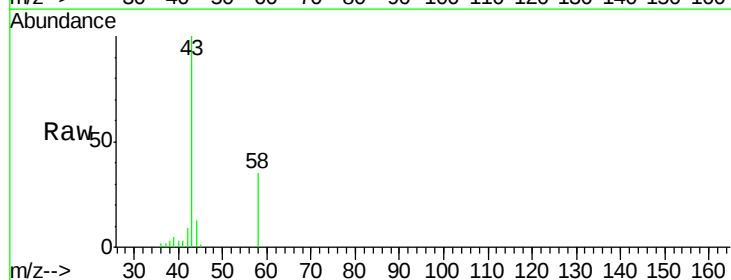
Acq: 06 Sep 2019 12:19

Tgt Ion: 43 Resp: 15737

Ion Ratio Lower Upper

43 100

58 35.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

10000

8000

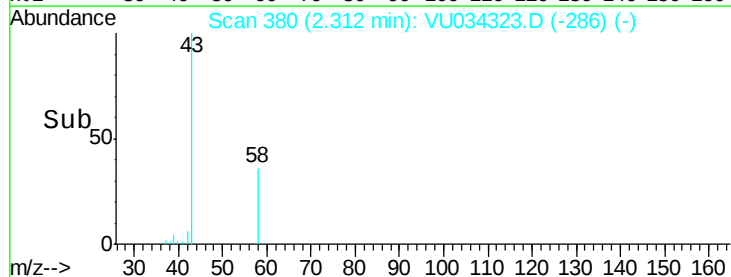
6000

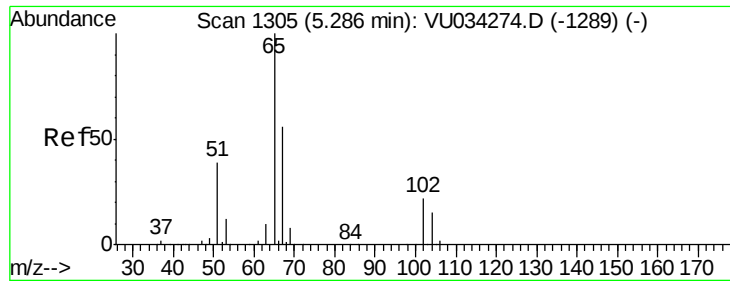
4000

2000

0

Time-->

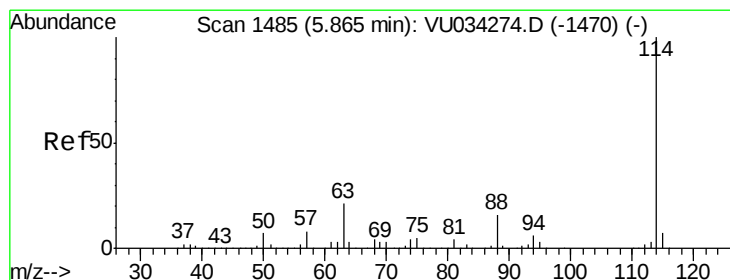
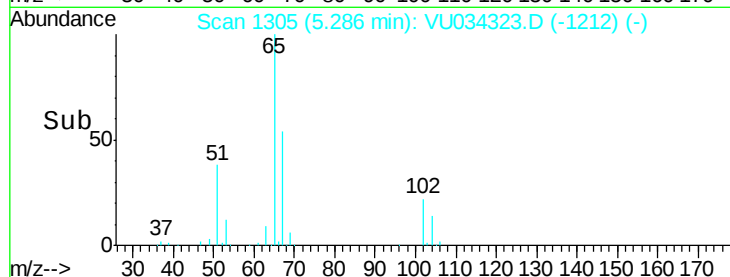
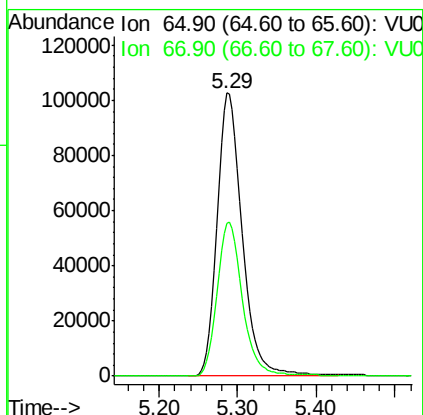
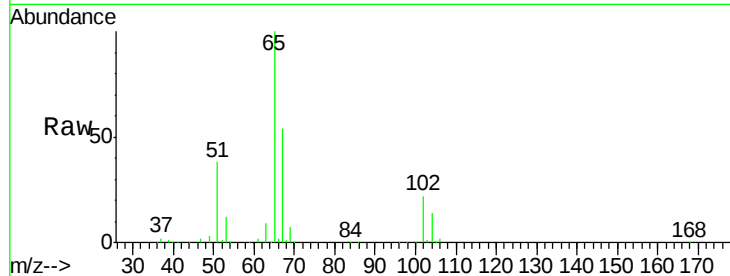




#33
 1,2-Dichloroethane-d4
 Concen: 53.360 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034323.D
 Acq: 06 Sep 2019 12:19

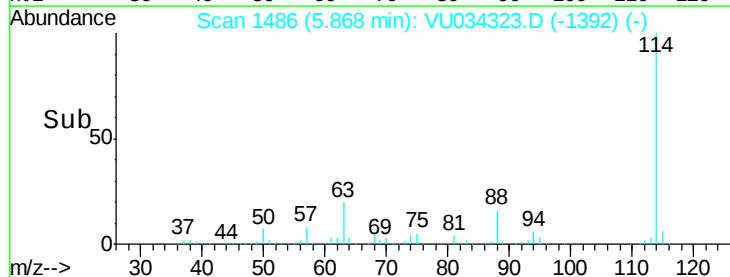
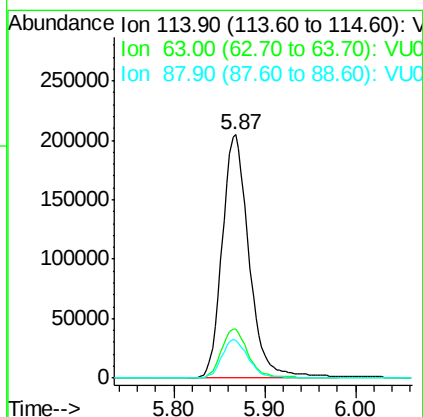
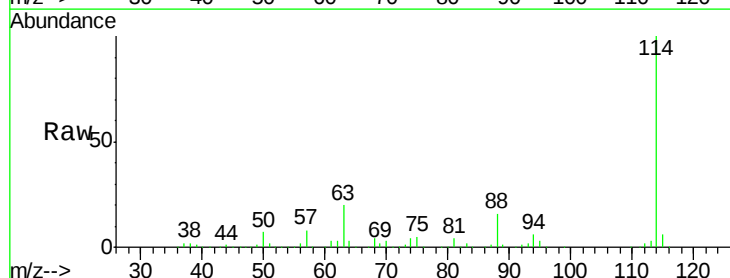
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5A

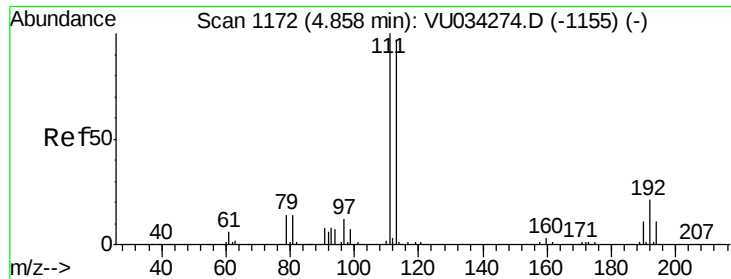
Tot Ion: 65 Resp: 226804
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034323.D
 Acq: 06 Sep 2019 12:19

Tgt Ion: 114 Resp: 421818
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.6 0.0 32.4

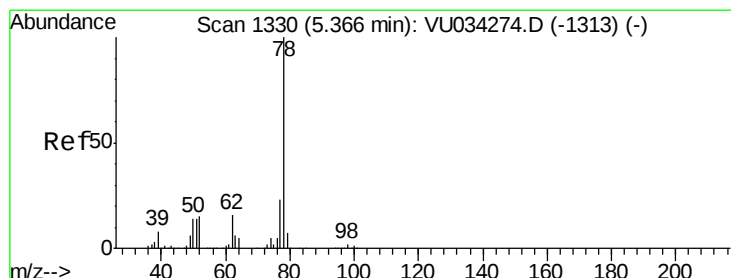
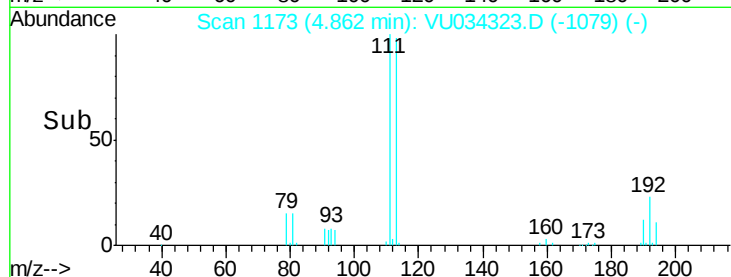
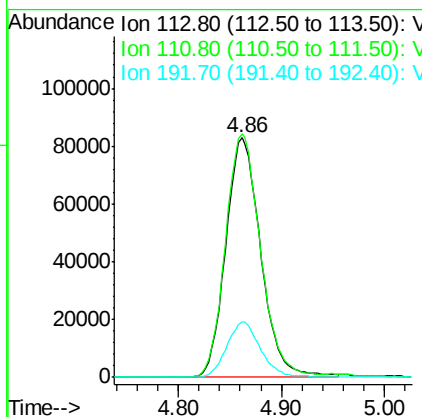
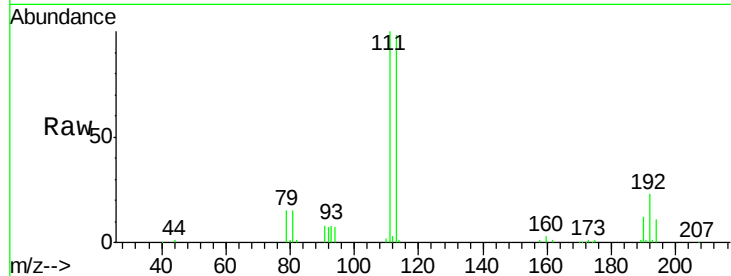




#35
Dibromofluoromethane
Concen: 49.971 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034323.D
Acq: 06 Sep 2019 12:19

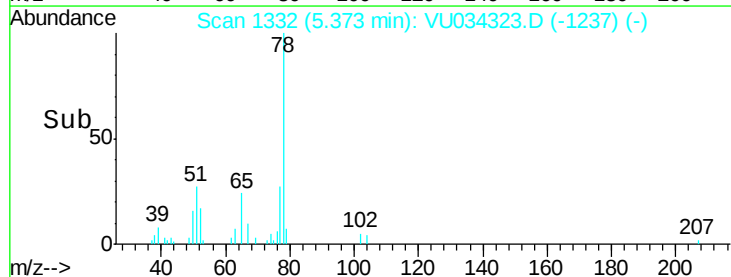
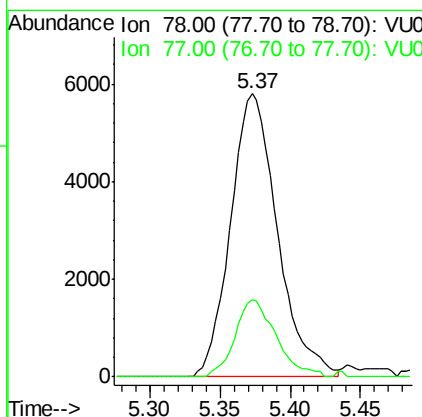
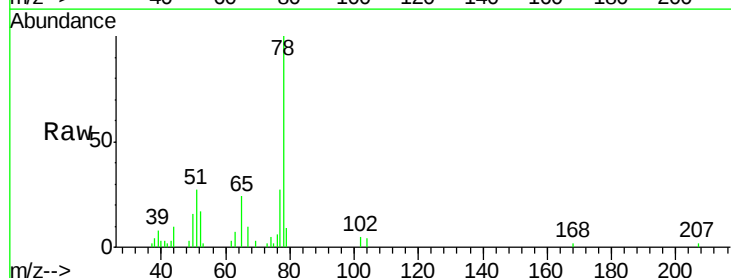
Instrument :
MSVOA_U
ClientSampled :
MW-5A

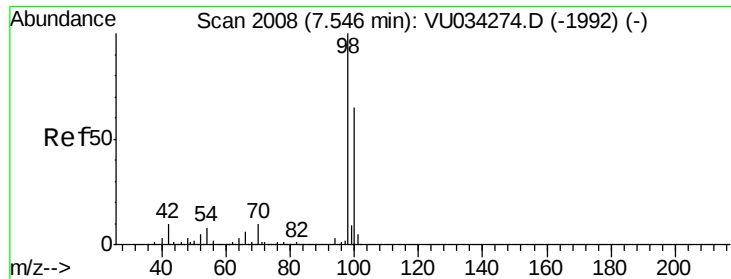
Tot Ion:113 Resp: 196136
Ion Ratio Lower Upper
113 100
111 101.8 81.5 122.3
192 22.5 17.8 26.8



#40
Benzene
Concen: 0.913 ug/l
RT: 5.37 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VU034323.D
Acq: 06 Sep 2019 12:19

Tgt Ion: 78 Resp: 13478
Ion Ratio Lower Upper
78 100
77 27.2 18.7 28.1

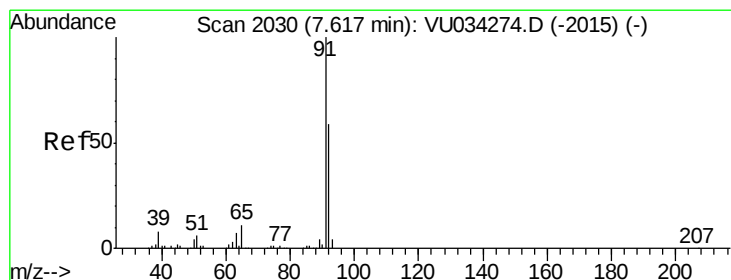
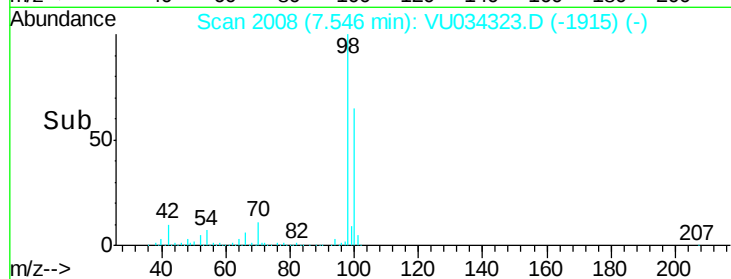
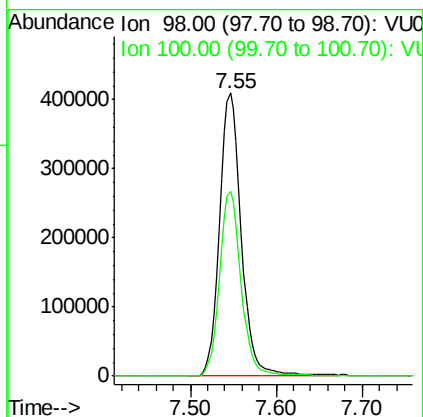
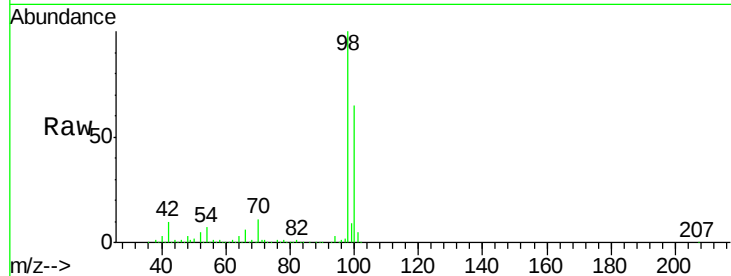




#50
Toluene-d8
Concen: 48.934 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034323.D
Acq: 06 Sep 2019 12:19

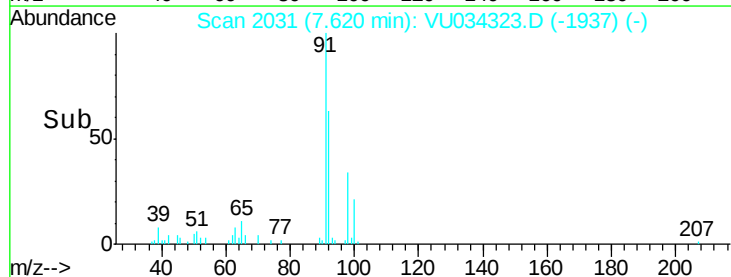
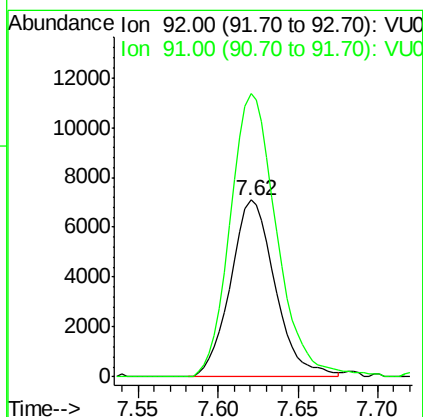
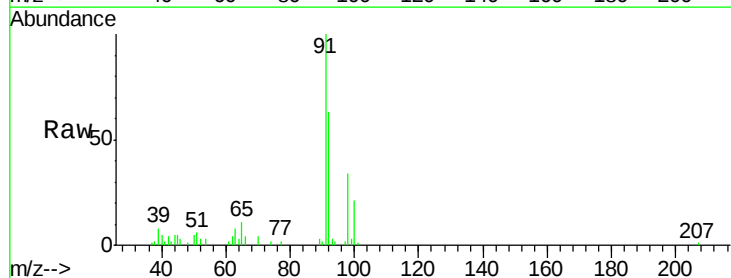
Instrument :
MSVOA_U
ClientSampleId :
MW-5A

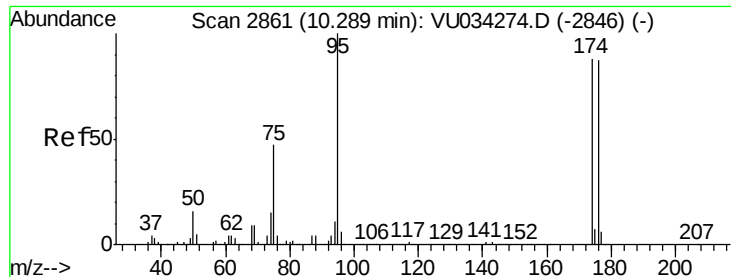
Tot Ion: 98 Resp: 721605
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#52
Toluene
Concen: 1.459 ug/l
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU034323.D
Acq: 06 Sep 2019 12:19

Tgt Ion: 92 Resp: 13513
Ion Ratio Lower Upper
92 100
91 167.0 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 44.806 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034323.D

Acq: 06 Sep 2019 12:19

Instrument :

MSVOA_U

ClientSampled :

MW-5A

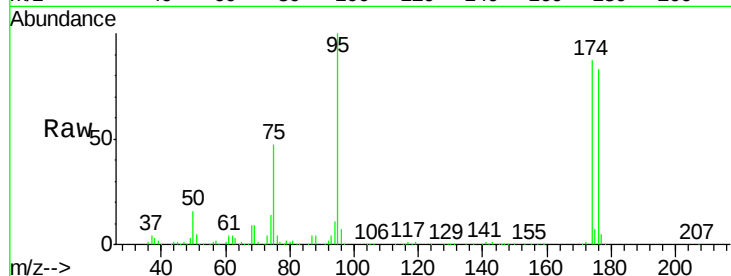
Tot Ion: 95 Resp: 255103

Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.2

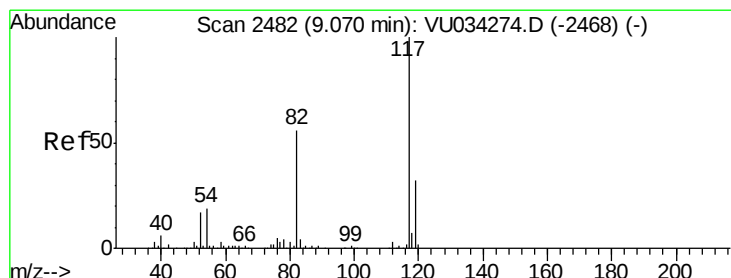
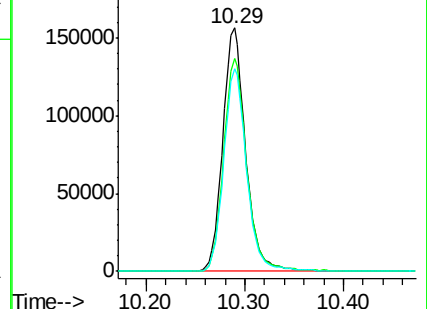
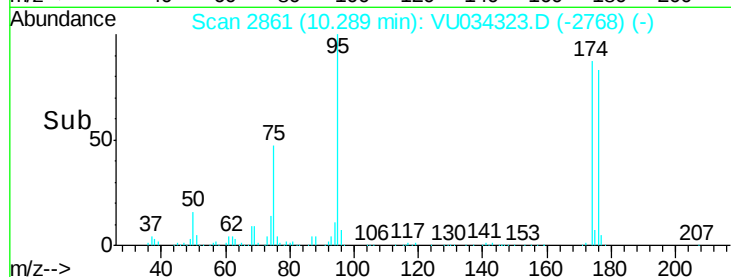
176 83.5 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034323.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034323.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034323.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034323.D

Acq: 06 Sep 2019 12:19

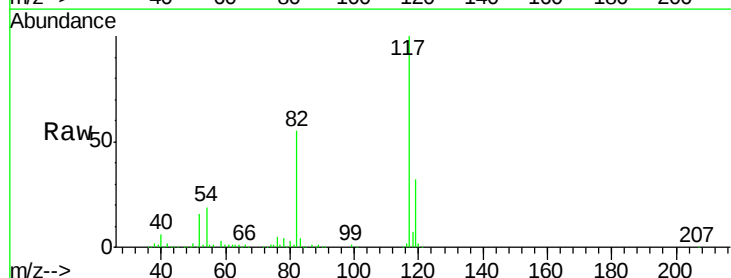
Tgt Ion: 117 Resp: 417536

Ion Ratio Lower Upper

117 100

82 55.2 44.6 67.0

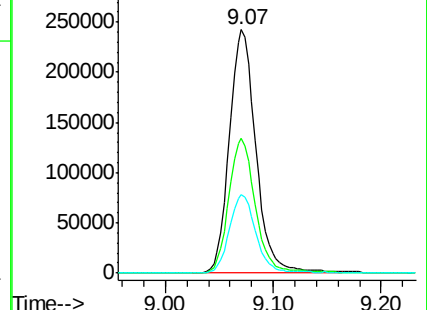
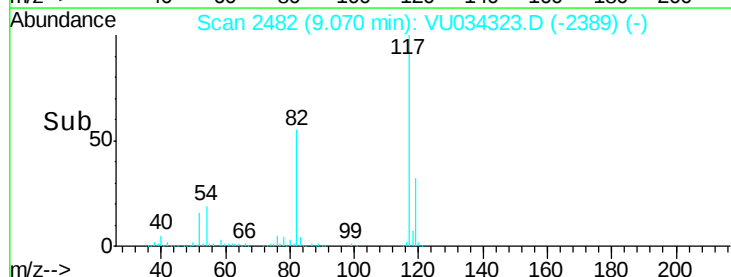
119 32.3 25.9 38.9

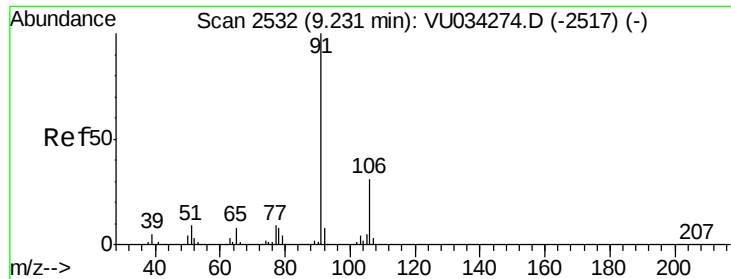


Abundance Ion 116.90 (116.60 to 117.60): VU034323.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034323.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034323.D (-2389) (-)

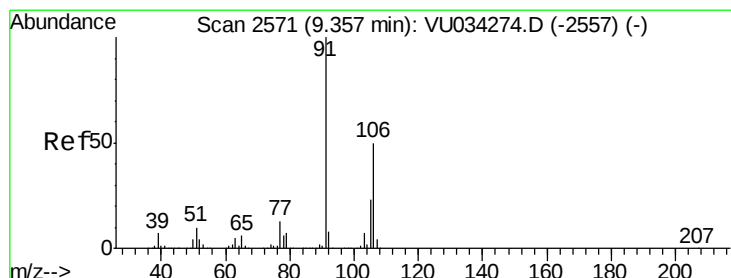
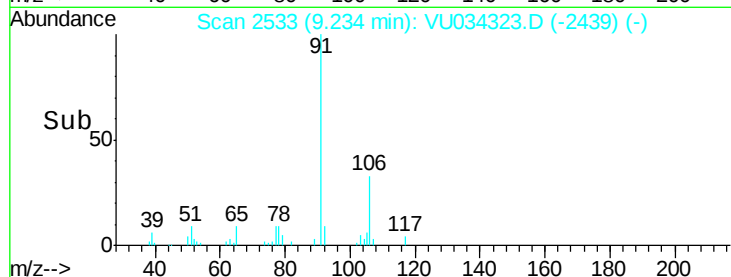
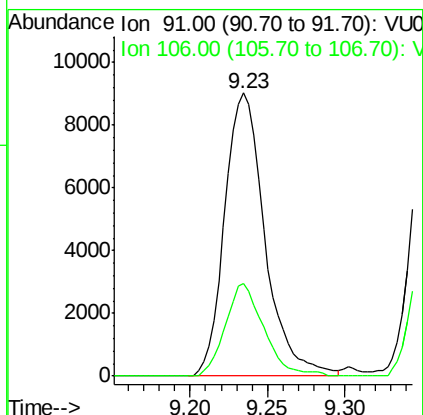
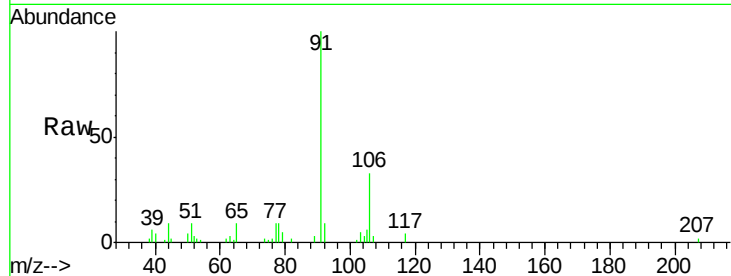




#67
Ethyl Benzene
Concen: 0.944 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU034323.D
Acq: 06 Sep 2019 12:19

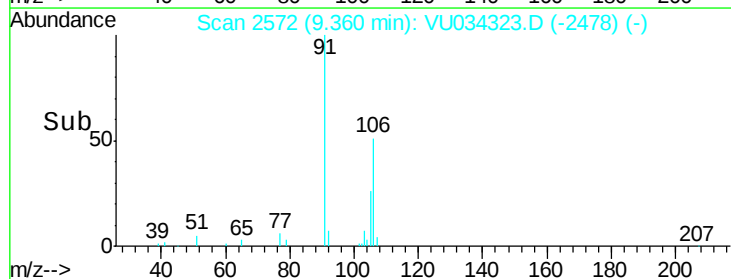
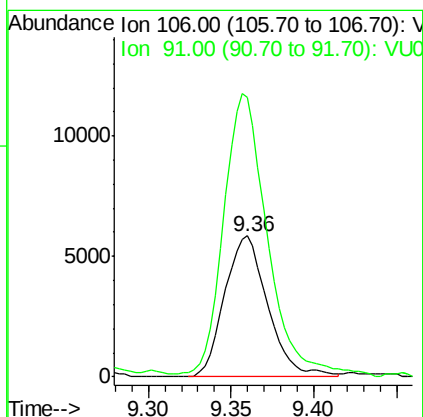
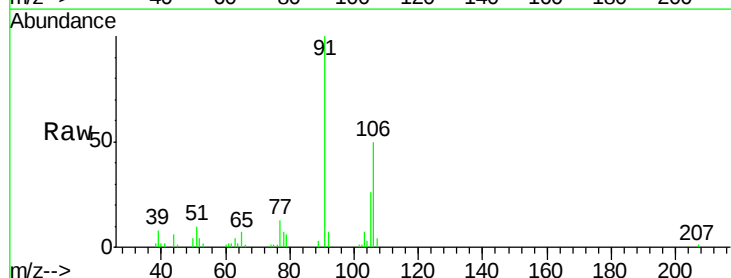
Instrument :
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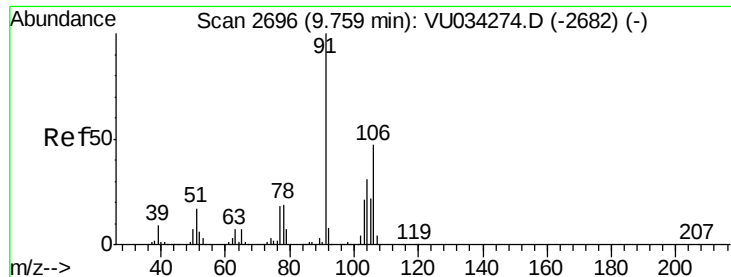
Tot Ion: 91 Resp: 16342
Ion Ratio Lower Upper
91 100
106 32.9 24.8 37.2



#68
m/p-Xylenes
Concen: 1.628 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU034323.D
Acq: 06 Sep 2019 12:19

Tgt Ion: 106 Resp: 10618
Ion Ratio Lower Upper
106 100
91 205.5 160.1 240.1

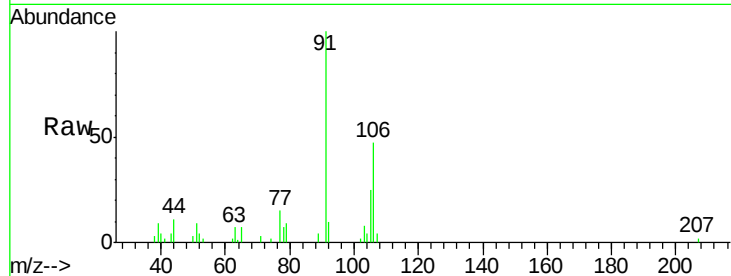




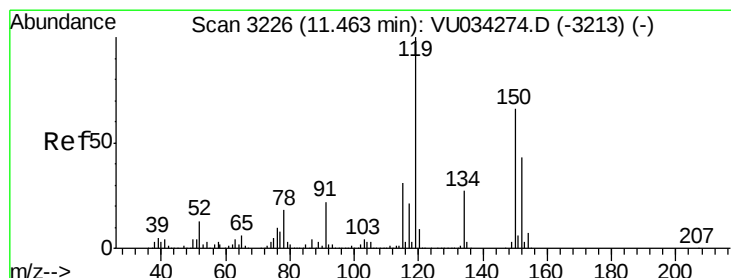
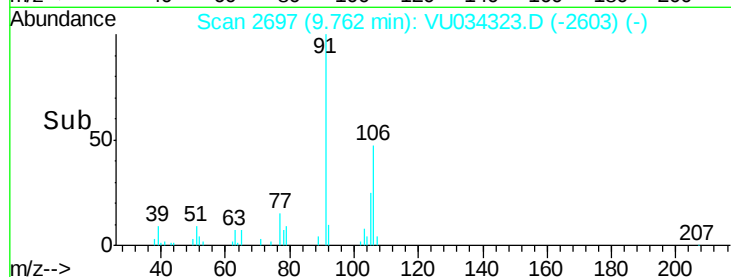
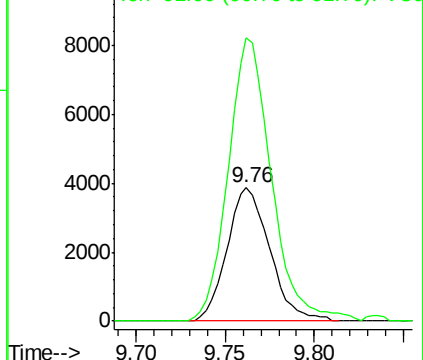
#69
o-Xylene
Concen: 1.006 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU034323.D
Acq: 06 Sep 2019 12:19

Instrument :
MSVOA_U
ClientSampleId :
MW-5A

Tot Ion:106 Resp: 6414
Ion Ratio Lower Upper
106 100
91 215.3 105.1 315.3

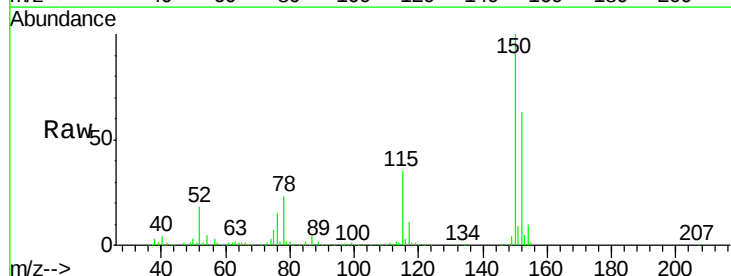


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

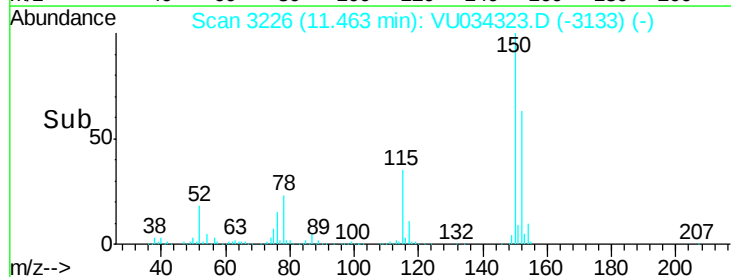
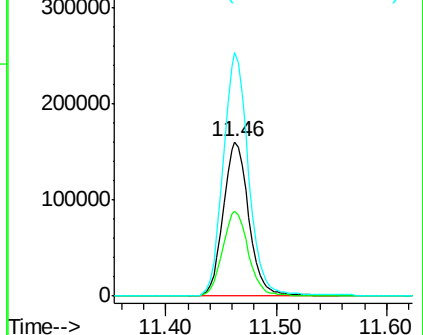


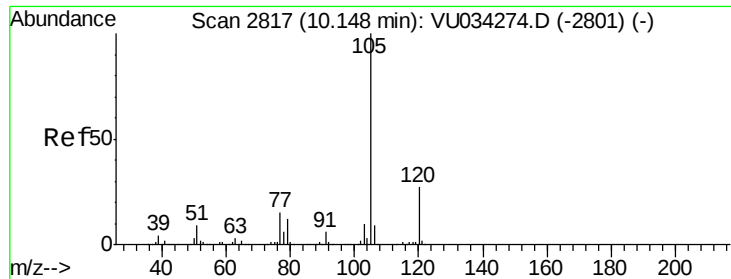
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034323.D
Acq: 06 Sep 2019 12:19

Tgt Ion:152 Resp: 259219
Ion Ratio Lower Upper
152 100
115 55.4 39.1 117.3
150 156.3 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





#73

Isopropylbenzene

Concen: 0.206 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034323.D

Acq: 06 Sep 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

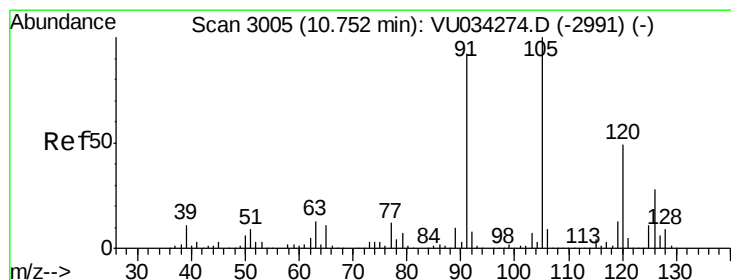
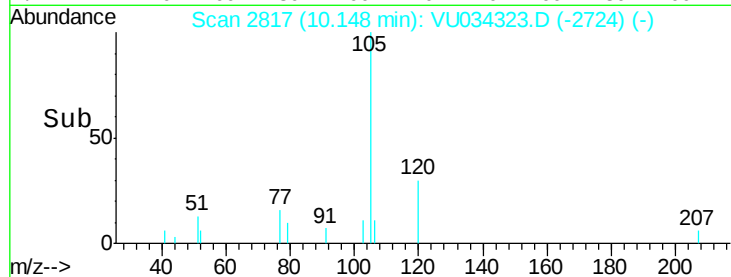
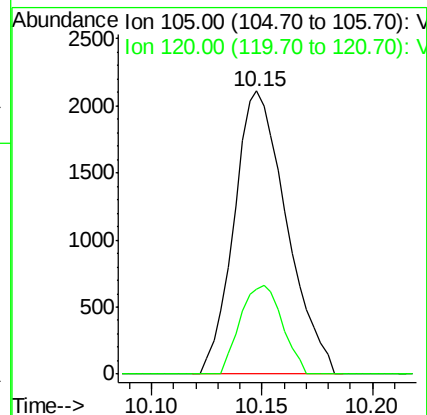
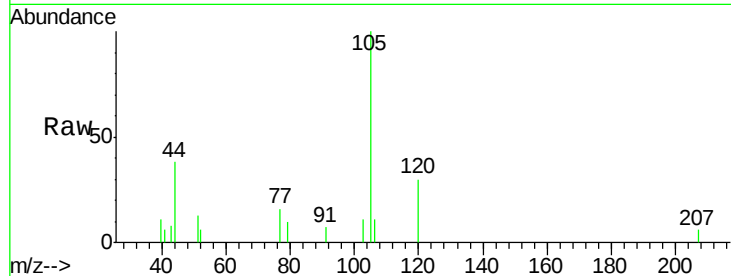
MW-5A

Tot Ion:105 Resp: 3480

Ion Ratio Lower Upper

105 100

120 25.1 13.4 40.2



#80

1,3,5-Trimethylbenzene

Concen: 0.387 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU034323.D

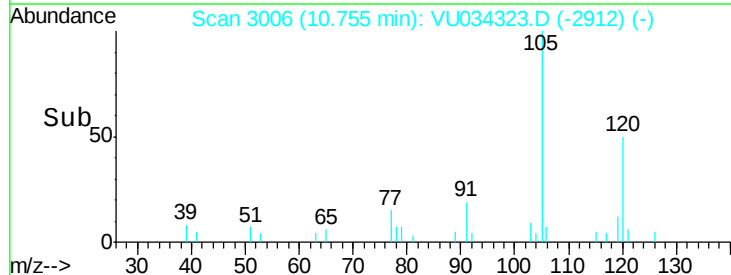
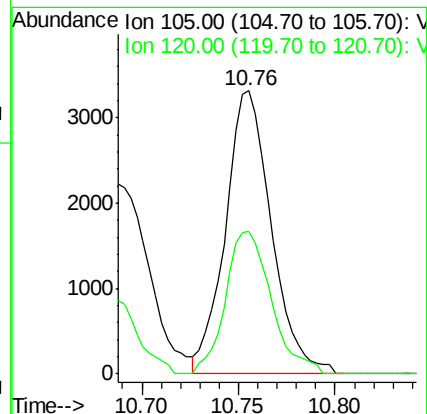
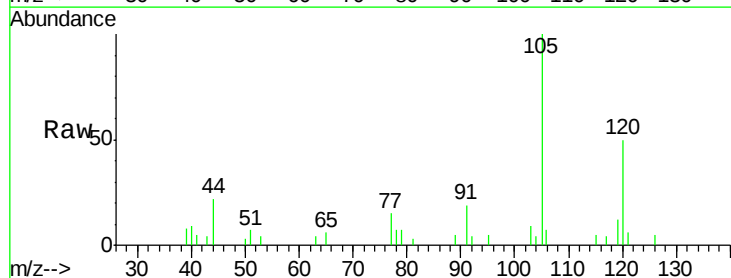
Acq: 06 Sep 2019 12:19

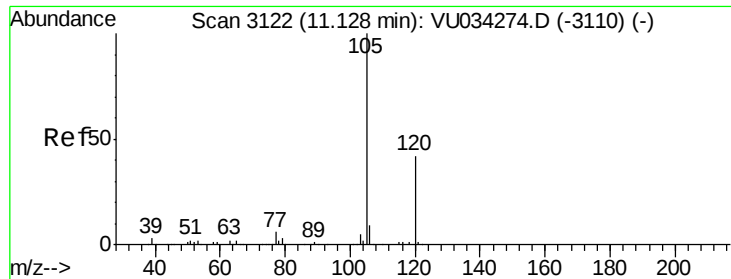
Tgt Ion:105 Resp: 5466

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 0.909 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VU034323.D

Acq: 06 Sep 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

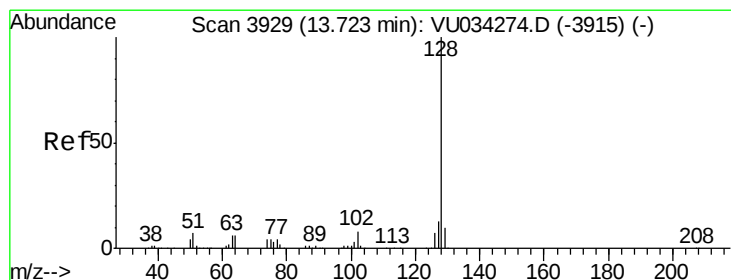
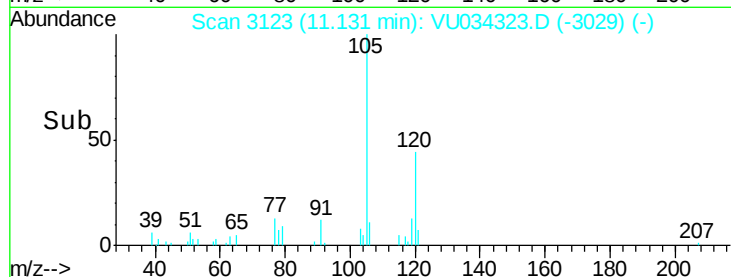
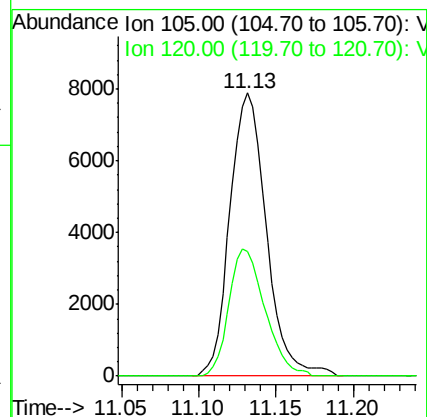
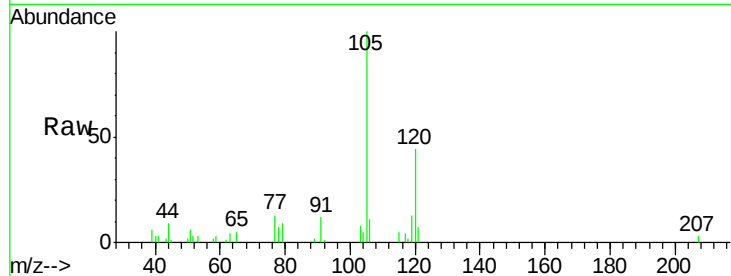
MW-5A

Tot Ion:105 Resp: 12906

Ion Ratio Lower Upper

105 100

120 44.3 22.9 68.8



#95

Naphthalene

Concen: 35.856 ug/l

RT: 13.72 min Scan# 3929

Delta R.T. 0.00 min

Lab File: VU034323.D

Acq: 06 Sep 2019 12:19

Tgt Ion:128 Resp: 598409

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.6 8.4 12.6

