

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036636.D
 Acq On : 30 Jan 2020 22:55
 Operator : JC/MD
 Sample : L1324-03
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAT60

Quant Time: Jan 31 06:00:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 04:01:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299369	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	291146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	156772	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79336	35.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.76%
7) Chloroethane-d5	1.89	69	16873	8.77	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	17.54%#
11) 1,1-Dichloroethene-d2	2.54	63	102341	28.23	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.46%#
21) 2-Butanone-d5	4.70	46	87849	66.01	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.01%
24) Chloroform-d	5.11	84	147045	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.10%
26) 1,2-Dichloroethane-d4	5.74	65	98048	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.68%
32) Benzene-d6	5.76	84	342201	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.56%
36) 1,2-Dichloropropane-d6	6.73	67	110759	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.80%
41) Toluene-d8	7.93	98	329641	41.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.68%
43) trans-1,3-Dichloropropene-	8.21	79	51121	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.24%
47) 2-Hexanone-d5	8.69	63	126626	106.99	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.99%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	169175	45.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.18%
64) 1,2-Dichlorobenzene-d4	12.22	152	142334	42.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.62%

Target Compounds

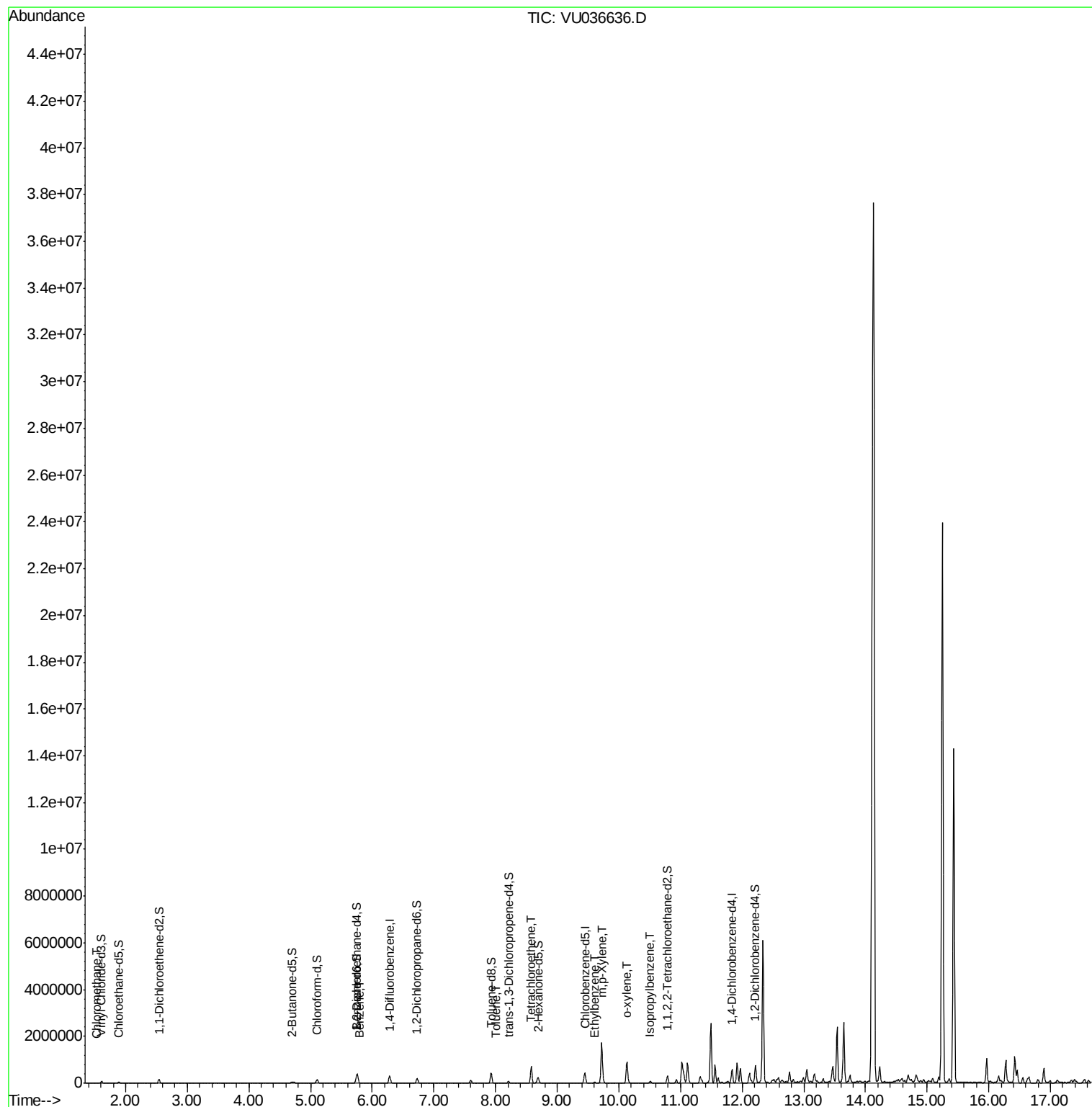
					Ovalue
3) Chloromethane	1.53	50	2229	0.918	ug/L 93
33) Benzene	5.80	78	13191	1.515	ug/L 100
42) Toluene	8.00	91	16425	1.736	ug/L 96
46) Tetrachloroethene	8.58	164	170472	93.658	ug/L 98
52) Ethylbenzene	9.60	91	31617	3.050	ug/L 96
53) m,p-Xylene	9.72	106	572758	141.683	ug/L 100
54) o-xylene	10.13	106	263075	65.241	ug/L 100
56) Isopropylbenzene	10.51	105	47044	4.589	ug/L 99

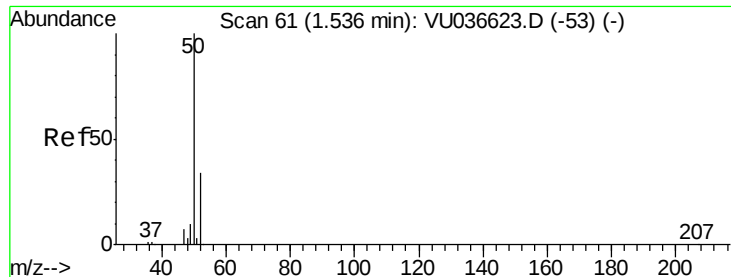
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.918 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.01 min

Lab File: VU036636.D

Acq: 30 Jan 2020 22:55

Instrument :

MSVOA_U

ClientSampleId :

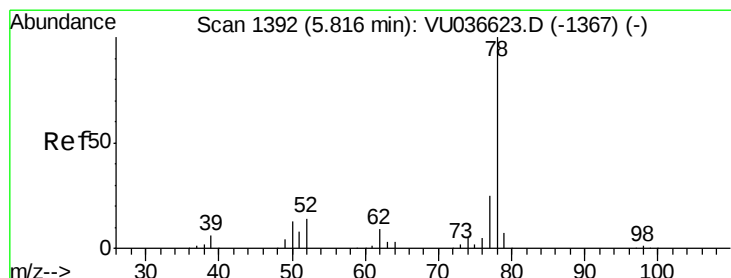
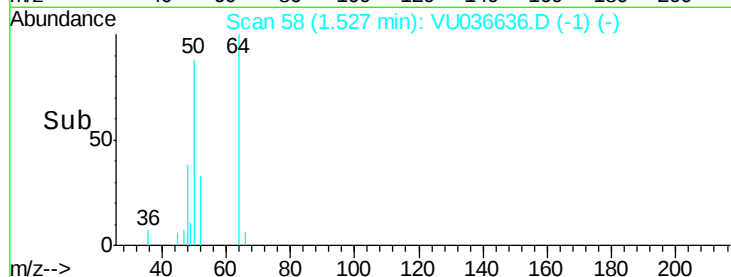
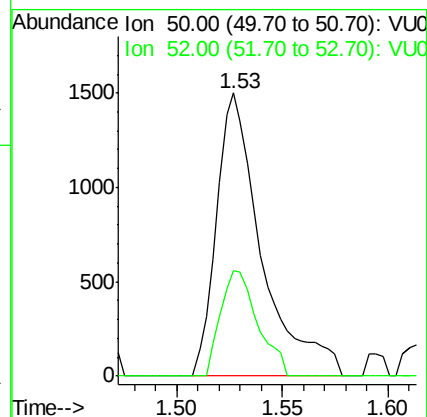
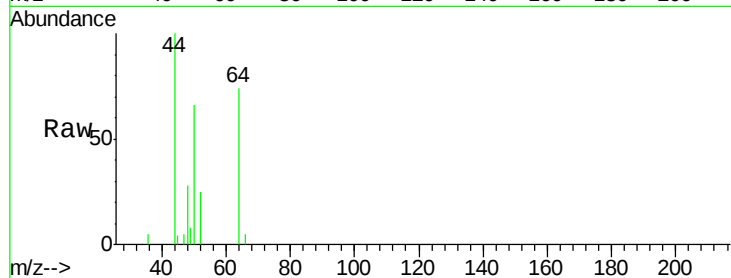
GAT60

Tot Ion: 50 Resp: 2229

Ion Ratio Lower Upper

50 100

52 37.2 23.2 43.0



#33

Benzene

Concen: 1.515 ug/L

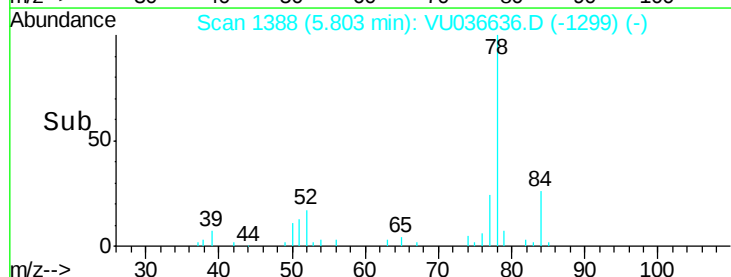
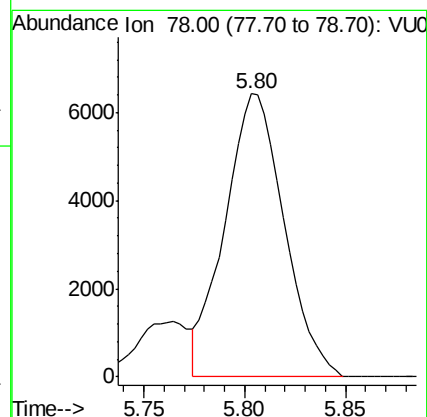
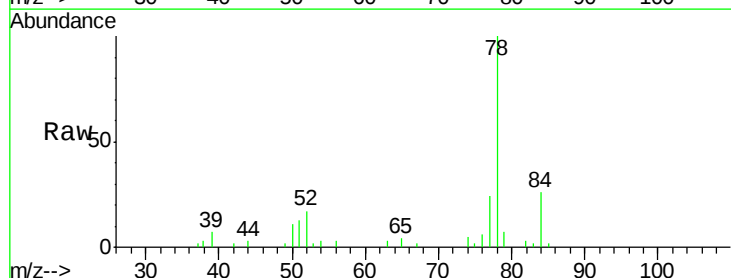
RT: 5.80 min Scan# 1388

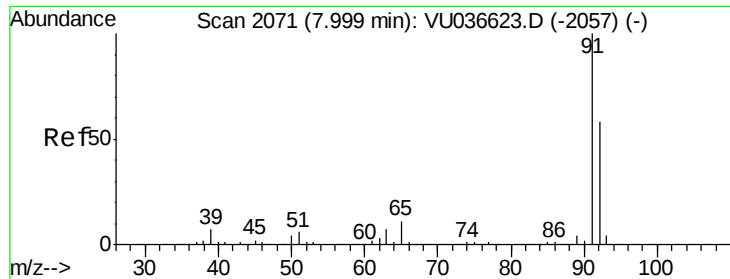
Delta R.T. -0.01 min

Lab File: VU036636.D

Acq: 30 Jan 2020 22:55

Tgt Ion: 78 Resp: 13191





#42

Toluene

Concen: 1.736 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU036636.D

Acq: 30 Jan 2020 22:55

Instrument :

MSVOA_U

ClientSampled :

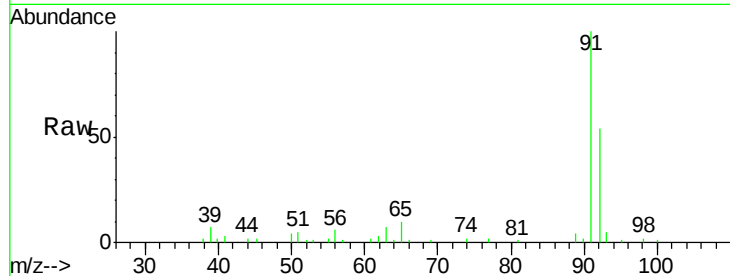
GAT60

Tot Ion: 91 Resp: 16425

Ion Ratio Lower Upper

91 100

92 54.2 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VU036636.D (-1978) (-)

Ion 92.00 (91.70 to 92.70): VU036636.D (-1978) (-)

8.00

10000

8000

6000

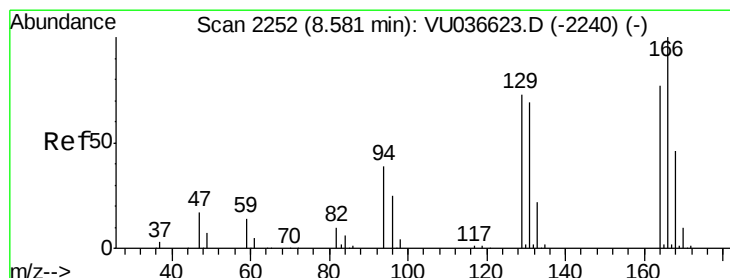
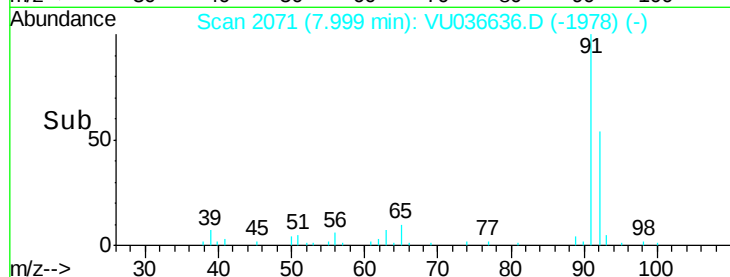
4000

2000

0

Time-->

7.95 8.00 8.05



#46

Tetrachloroethene

Concen: 93.658 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU036636.D

Acq: 30 Jan 2020 22:55

Tgt Ion:164 Resp: 170472

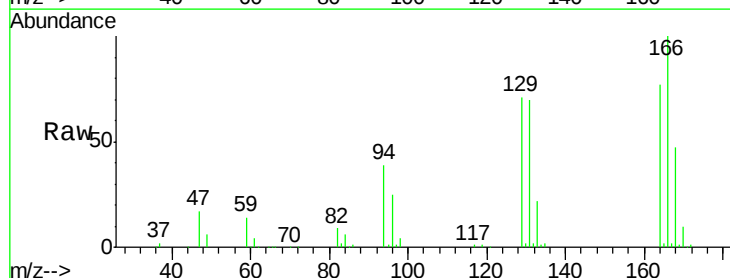
Ion Ratio Lower Upper

164 100

129 92.5 64.2 119.2

131 91.0 61.8 114.8

166 129.6 88.8 165.0



Abundance Ion 164.00 (163.70 to 164.70): VU036636.D (-2159) (-)

Ion 129.00 (128.70 to 129.70): VU036636.D (-2159) (-)

Ion 131.00 (130.70 to 131.70): VU036636.D (-2159) (-)

Ion 166.00 (165.70 to 166.70): VU036636.D (-2159) (-)

200000

150000

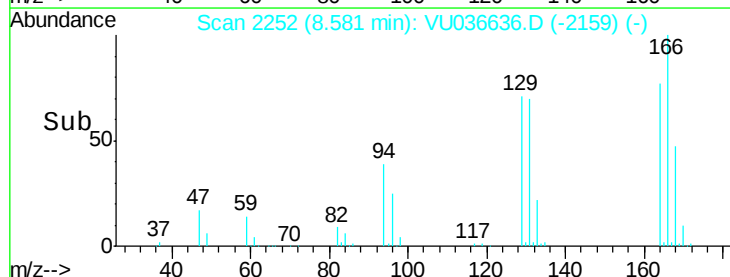
100000

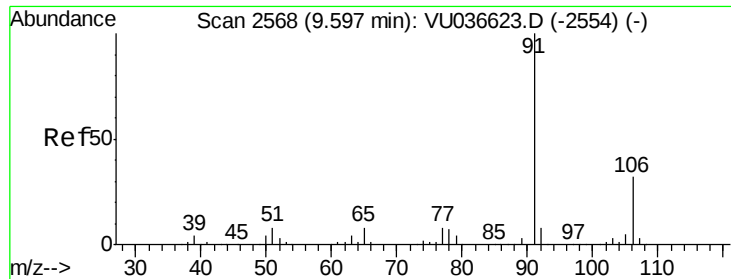
50000

0

Time-->

8.50 8.55 8.60 8.65





#52

Ethylbenzene

Concen: 3.050 ug/L

RT: 9.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: VU036636.D

Acq: 30 Jan 2020 22:55

Instrument :

MSVOA_U

ClientSampled :

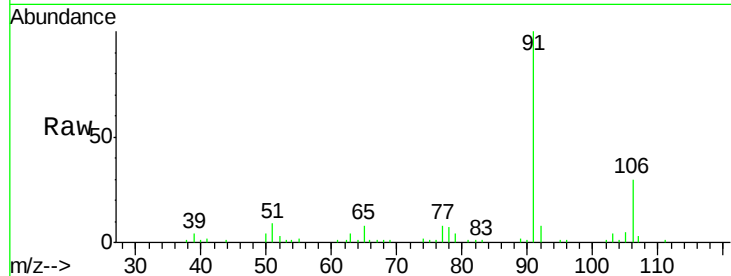
GAT60

Tot Ion: 91 Resp: 31617

Ion Ratio Lower Upper

91 100

106 30.1 22.6 42.0



Abundance Ion 91.00 (90.70 to 91.70): VU036636.D (-2568) (-)

Ion 106.00 (105.70 to 106.70): VU036636.D (-2568) (-)

9.60

20000

15000

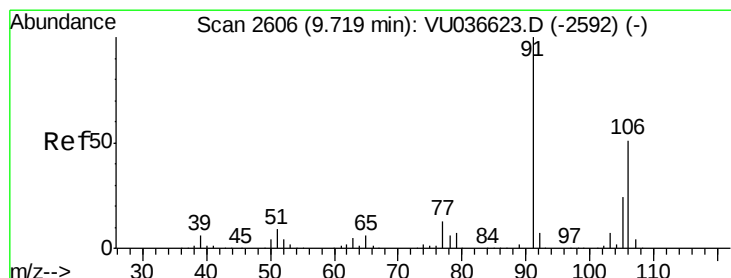
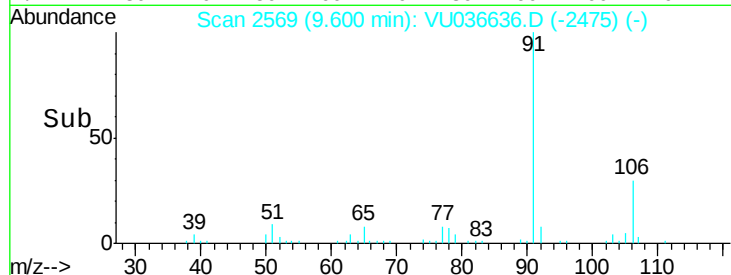
10000

5000

0

9.55 9.60 9.65

Time-->



#53

m,p-Xylene

Concen: 141.683 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU036636.D

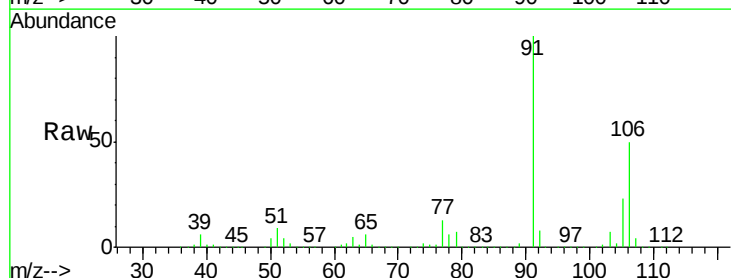
Acq: 30 Jan 2020 22:55

Tgt Ion: 106 Resp: 572758

Ion Ratio Lower Upper

106 100

91 199.8 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): VU036636.D (-2606) (-)

Ion 91.00 (90.70 to 91.70): VU036636.D (-2606) (-)

9.72

600000

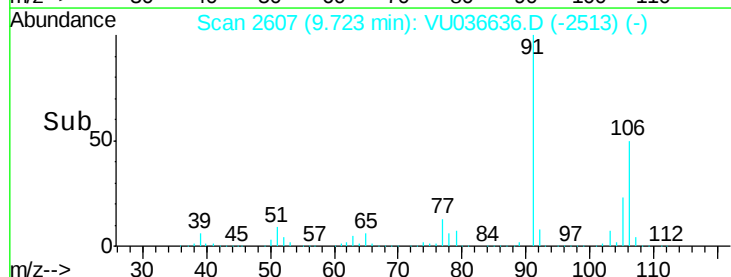
400000

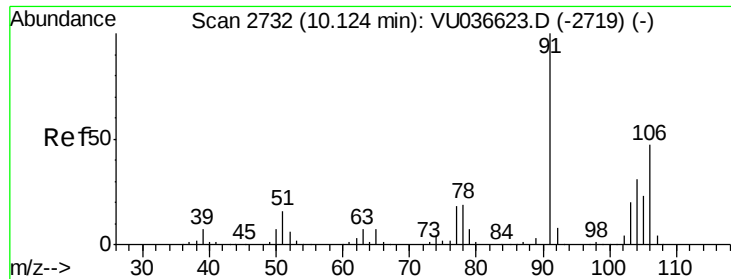
200000

0

9.65 9.70 9.75 9.80

Time-->

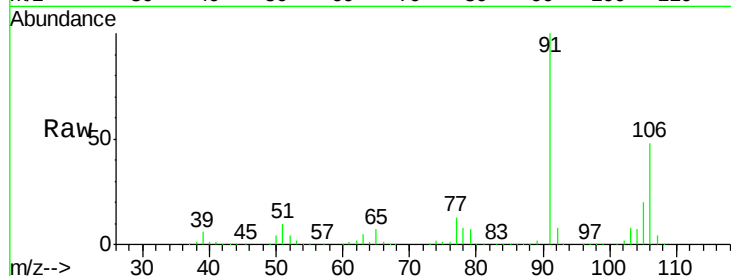




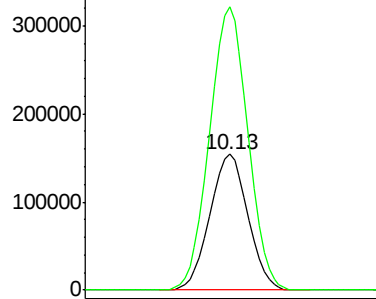
#54
o-xylene
Concen: 65.241 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VU036636.D
Acq: 30 Jan 2020 22:55

Instrument :
MSVOA_U
ClientSampled :
GAT60

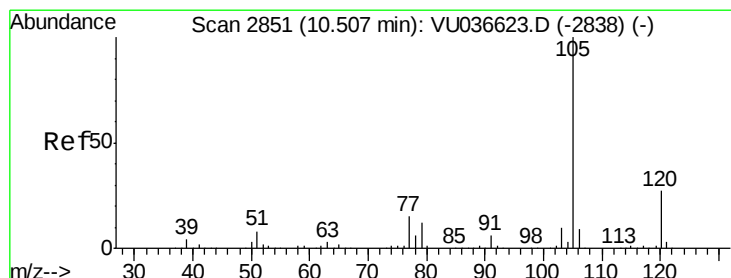
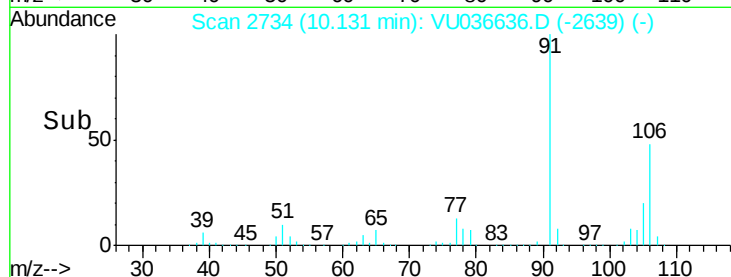
Tot Ion:106 Resp: 263075
Ion Ratio Lower Upper
106 100
91 208.5 145.9 271.1



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

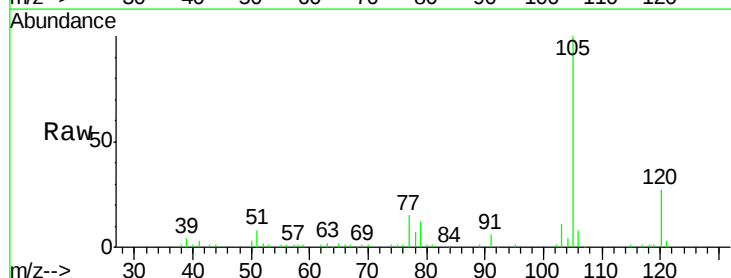


Time-->

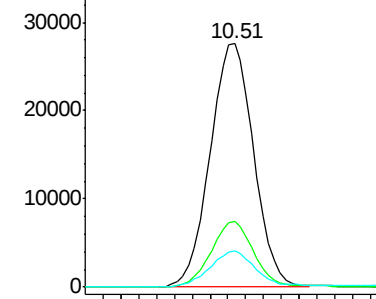


#56
Isopropylbenzene
Concen: 4.589 ug/L
RT: 10.51 min Scan# 2853
Delta R.T. 0.01 min
Lab File: VU036636.D
Acq: 30 Jan 2020 22:55

Tgt Ion:105 Resp: 47044
Ion Ratio Lower Upper
105 100
120 26.6 21.6 32.4
77 16.0 11.8 17.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VU0



Time-->

