

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\
 Data File : VU036588.D
 Acq On : 29 Jan 2020 12:57
 Operator : JC/MD
 Sample : L1271-02MS
 Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GASZ4MS

Quant Time: Jan 30 03:33:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 02:48:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	301394	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	302013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88682	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.56%
7) Chloroethane-d5	1.89	69	22329	11.53	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	23.06%#
11) 1,1-Dichloroethene-d2	2.57	63	114869	31.47	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.94%
21) 2-Butanone-d5	4.68	46	108660	81.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.09%
24) Chloroform-d	5.10	84	152700	41.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.62%
26) 1,2-Dichloroethane-d4	5.74	65	99093	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
32) Benzene-d6	5.76	84	358907	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.50%
36) 1,2-Dichloropropane-d6	6.73	67	111496	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.24%
41) Toluene-d8	7.93	98	354361	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	8.21	79	54642	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.80%
47) 2-Hexanone-d5	8.68	63	123521	100.62	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	174028	44.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.42%
64) 1,2-Dichlorobenzene-d4	12.21	152	150822	43.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

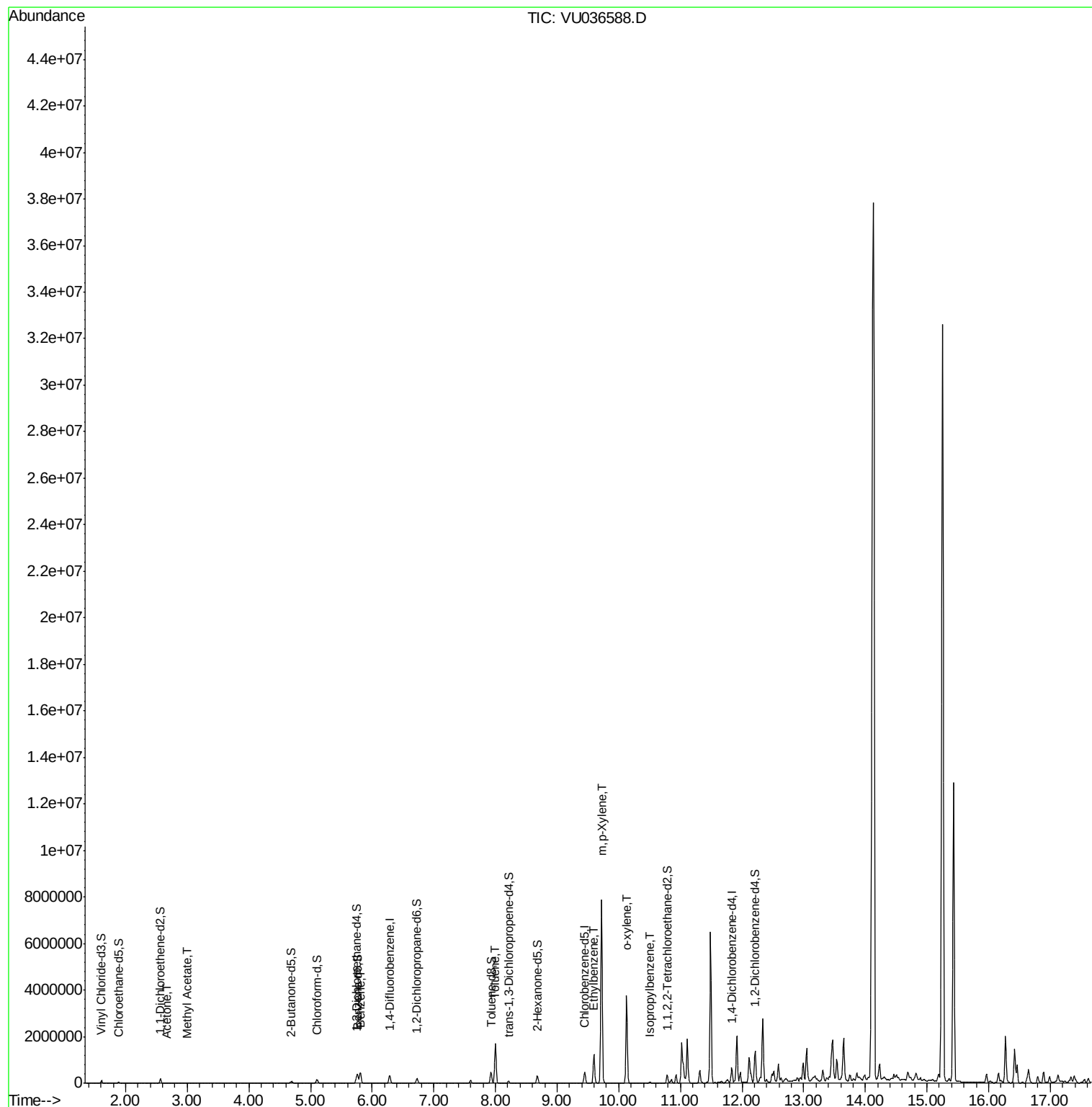
					Ovalue
13) Acetone	2.67	43	2177	1.678	ug/L 94
15) Methyl Acetate	2.99	43	1978	0.975	ug/L 98
33) Benzene	5.81	78	455203	50.413	ug/L 100
42) Toluene	8.00	91	1306866	133.155	ug/L 98
52) Ethylbenzene	9.60	91	931076	86.600	ug/L 99
53) m,p-Xylene	9.72	106	2432486	580.073	ug/L 99
54) o-xylene	10.13	106	1092138	261.100	ug/L 100
56) Isopropylbenzene	10.51	105	35213	3.311	ug/L 98

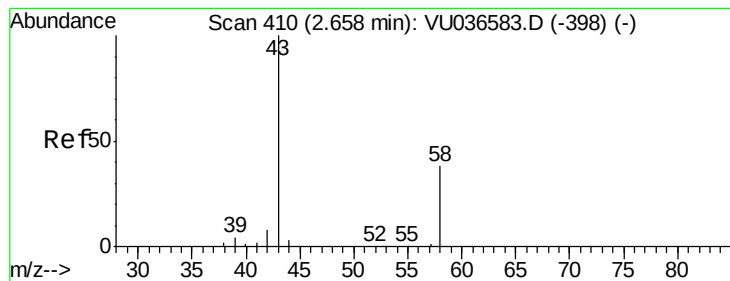
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012920\
Data File : VU036588.D
Acq On : 29 Jan 2020 12:57
Operator : JC/MD
Sample : L1271-02MS
Misc : 5.09g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASZ4MS

Quant Time: Jan 30 03:33:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.678 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.02 min

Lab File: VU036588.D

Acq: 29 Jan 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

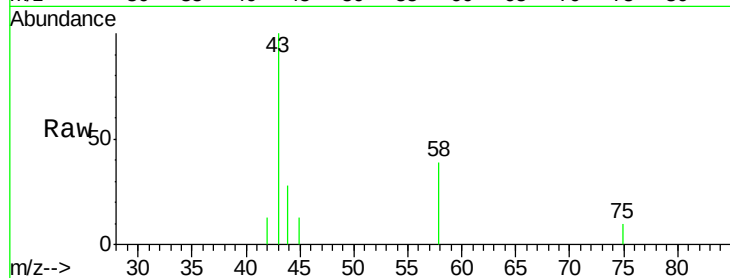
GASZ4MS

Tot Ion: 43 Resp: 2177

Ion Ratio Lower Upper

43 100

58 34.3 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036588.D (-415) (-)

Ion 58.00 (57.70 to 58.70): VU036588.D (-415) (-)

2.67

1200

1000

800

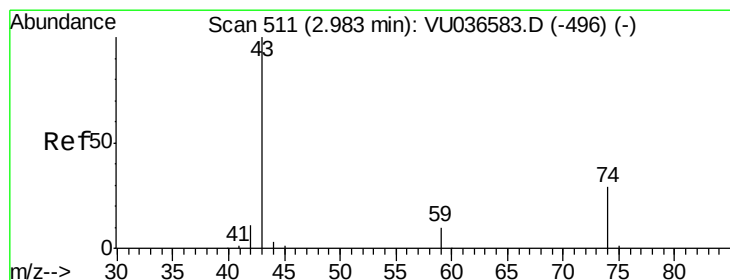
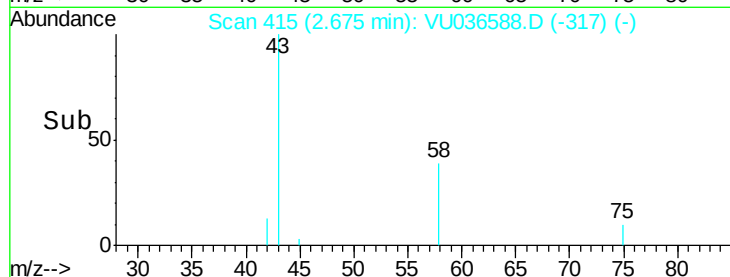
600

400

200

0

Time-->



#15

Methyl Acetate

Concen: 0.975 ug/L

RT: 2.99 min Scan# 513

Delta R.T. 0.01 min

Lab File: VU036588.D

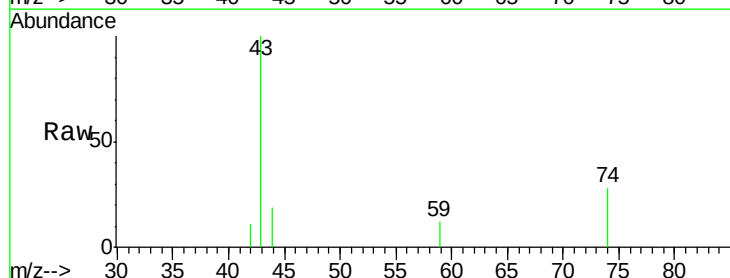
Acq: 29 Jan 2020 12:57

Tgt Ion: 43 Resp: 1978

Ion Ratio Lower Upper

43 100

74 27.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VU036588.D (-513) (-)

Ion 74.00 (73.70 to 74.70): VU036588.D (-513) (-)

2.99

1200

1000

800

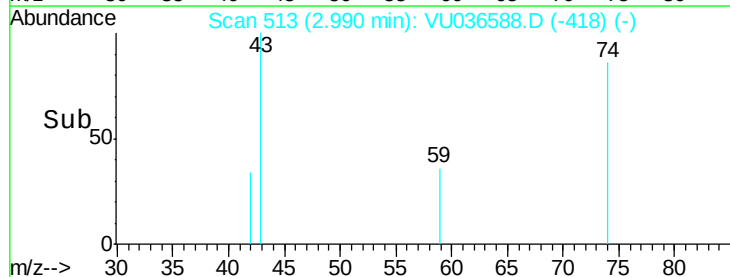
600

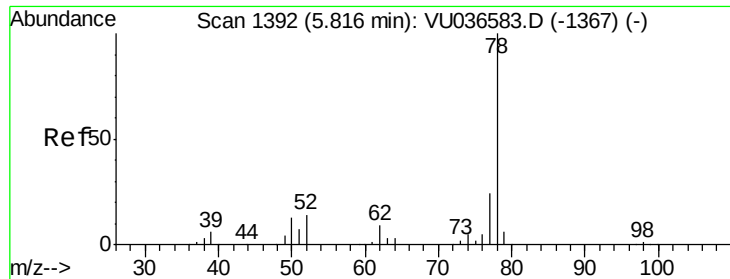
400

200

0

Time-->





#33

Benzene

Concen: 50.413 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VU036588.D

Acq: 29 Jan 2020 12:57

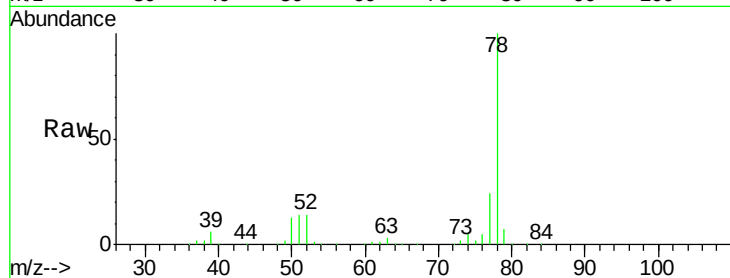
Instrument :

MSVOA_U

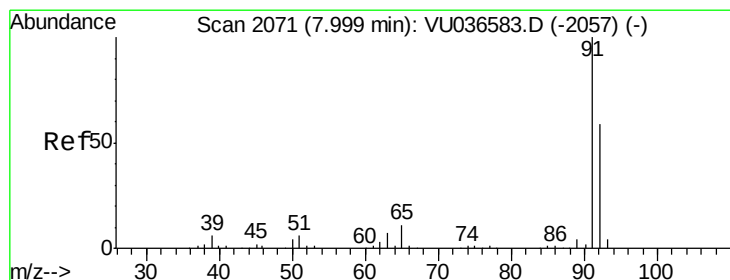
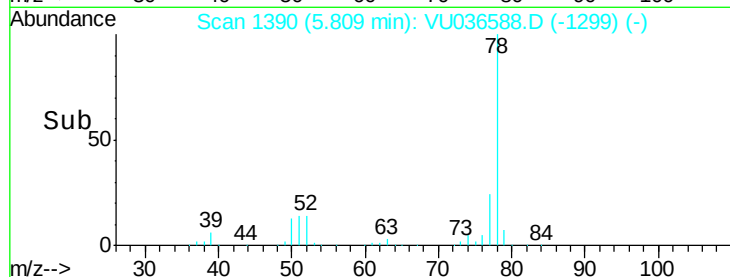
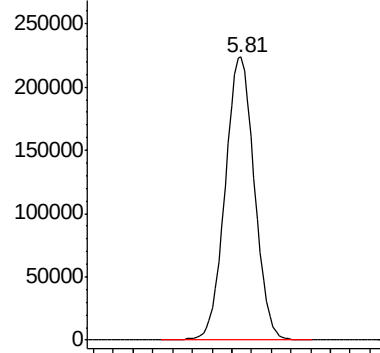
ClientSampleId :

GASZ4MS

Tgt Ion: 78 Resp: 455203



Abundance Ion 78.00 (77.70 to 78.70): VU0



#42

Toluene

Concen: 133.155 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VU036588.D

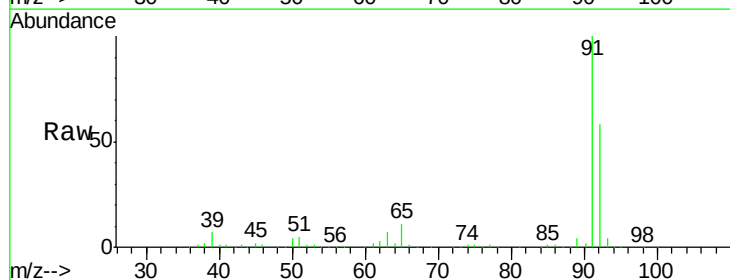
Acq: 29 Jan 2020 12:57

Tgt Ion: 91 Resp: 1306866

Ion Ratio Lower Upper

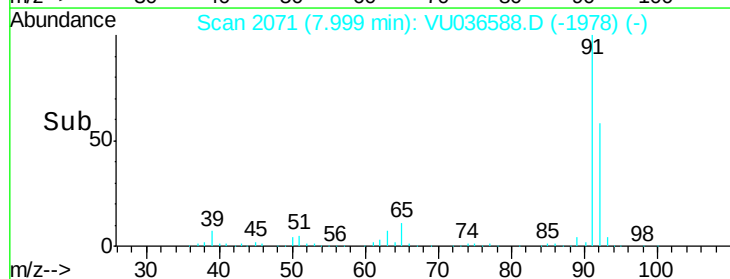
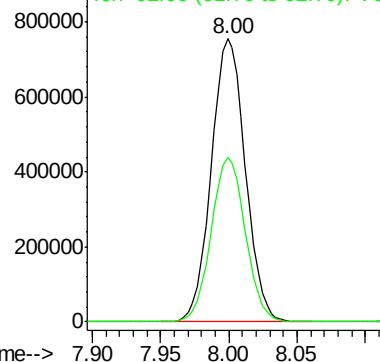
91 100

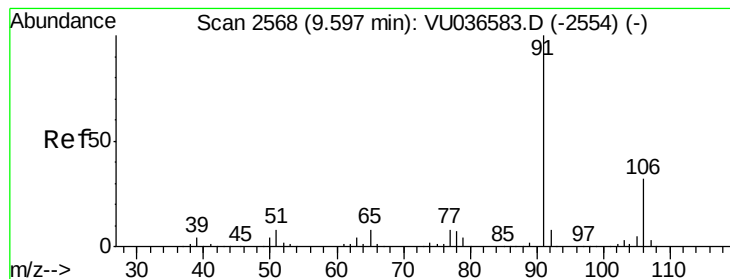
92 58.1 39.9 74.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#52

Ethylbenzene

Concen: 86.600 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036588.D

Acq: 29 Jan 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

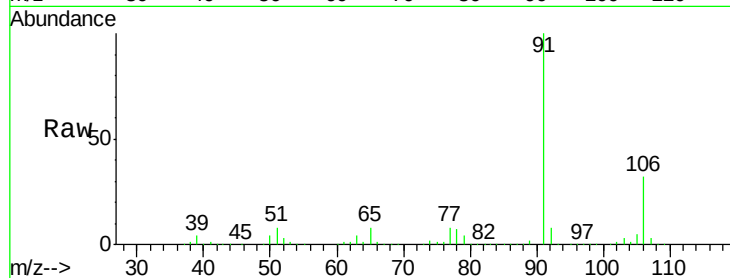
GASZ4MS

Tot Ion: 91 Resp: 931076

Ion Ratio Lower Upper

91 100

106 32.0 22.6 42.0



Abundance Ion 91.00 (90.70 to 91.70): VU036588.D (-2554) (-)

Ion 106.00 (105.70 to 106.70): VU036588.D (-2554) (-)

3000000

2500000

2000000

1500000

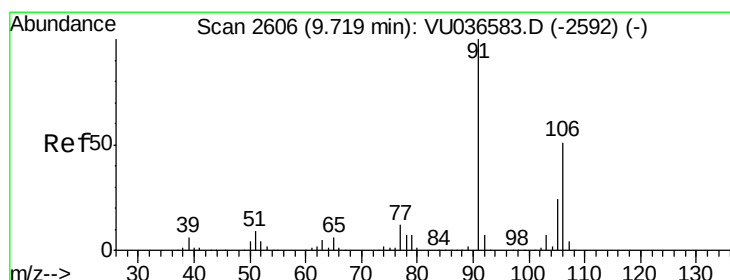
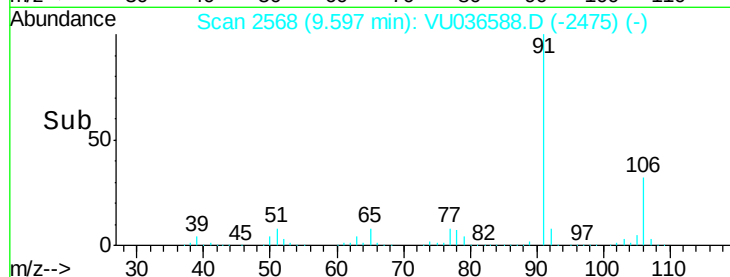
1000000

500000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#53

m,p-Xylene

Concen: 580.073 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU036588.D

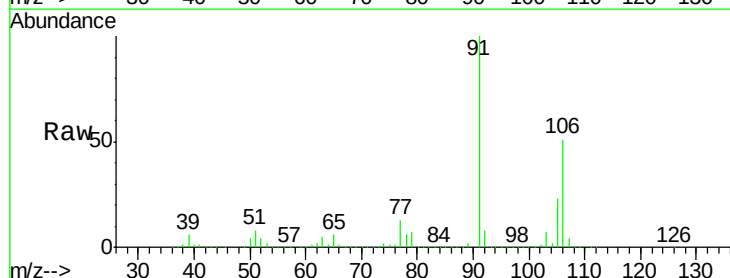
Acq: 29 Jan 2020 12:57

Tgt Ion: 106 Resp: 2432486

Ion Ratio Lower Upper

106 100

91 197.6 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): VU036588.D (-2606) (-)

Ion 91.00 (90.70 to 91.70): VU036588.D (-2606) (-)

3000000

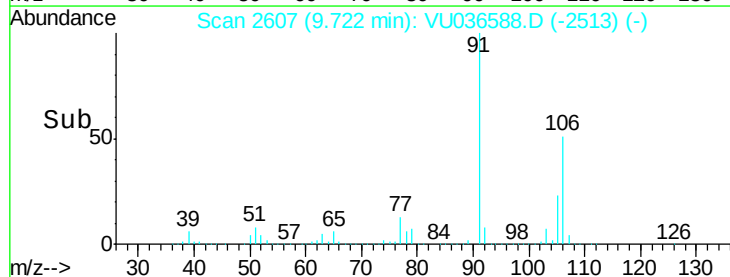
2000000

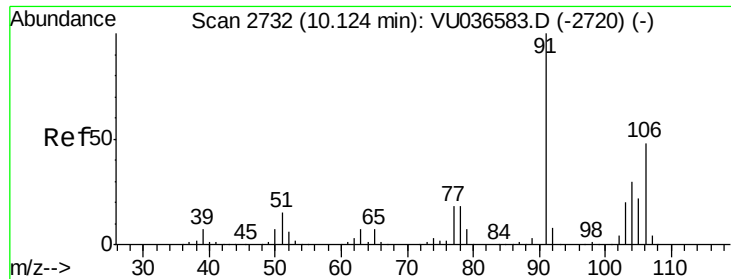
1000000

0

9.60 9.70 9.80

Time-->





#54

o-xylene

Concen: 261.100 ug/L

RT: 10.13 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU036588.D

Acq: 29 Jan 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

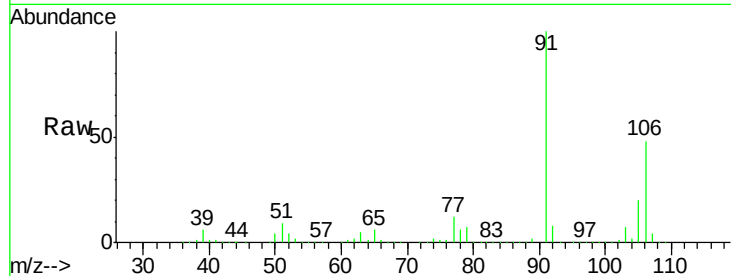
GASZ4MS

Tot Ion:106 Resp: 1092138

Ion Ratio Lower Upper

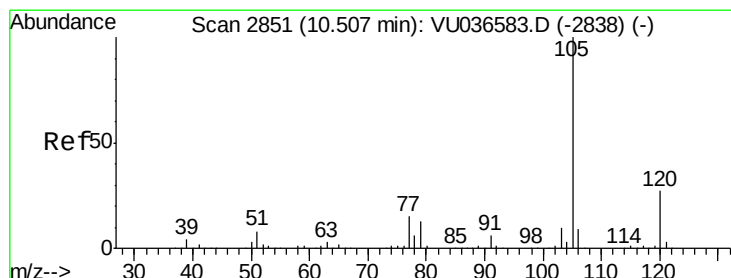
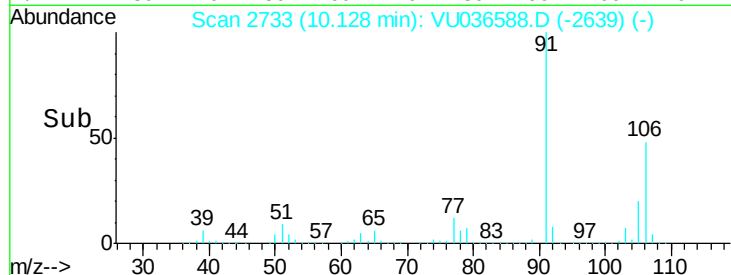
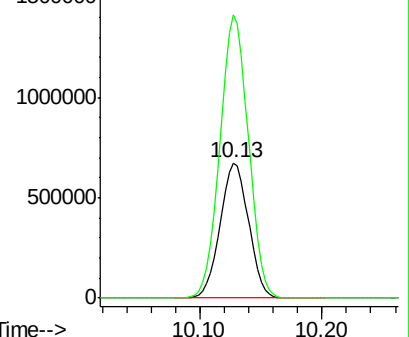
106 100

91 209.1 145.9 271.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 3.311 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036588.D

Acq: 29 Jan 2020 12:57

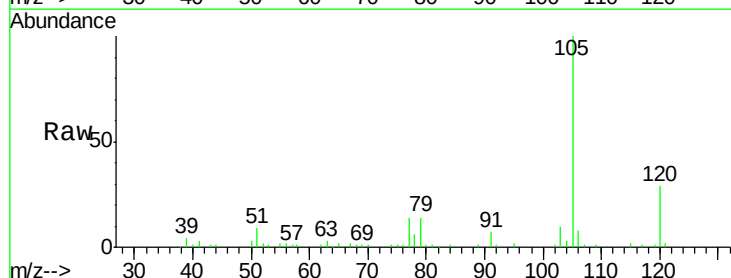
Tgt Ion:105 Resp: 35213

Ion Ratio Lower Upper

105 100

120 28.2 21.6 32.4

77 15.1 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

