

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039616.D
 Acq On : 21 Jul 2020 22:42
 Operator : SY/MD
 Sample : L3347-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY09

Quant Time: Jul 22 04:32:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	105646	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	99928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32204	6.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.40%#
7) Chloroethane-d5	1.92	69	32941	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.20%
11) 1,1-Dichloroethene-d2	2.58	63	50283	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.66	46	122165	55.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.46%
24) Chloroform-d	5.08	84	63995	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.72	65	42724	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.75	84	130741	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.71	67	42040	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.91	98	116681	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.19	79	16758	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.64	63	87292	51.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.86%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	35994	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	43882	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

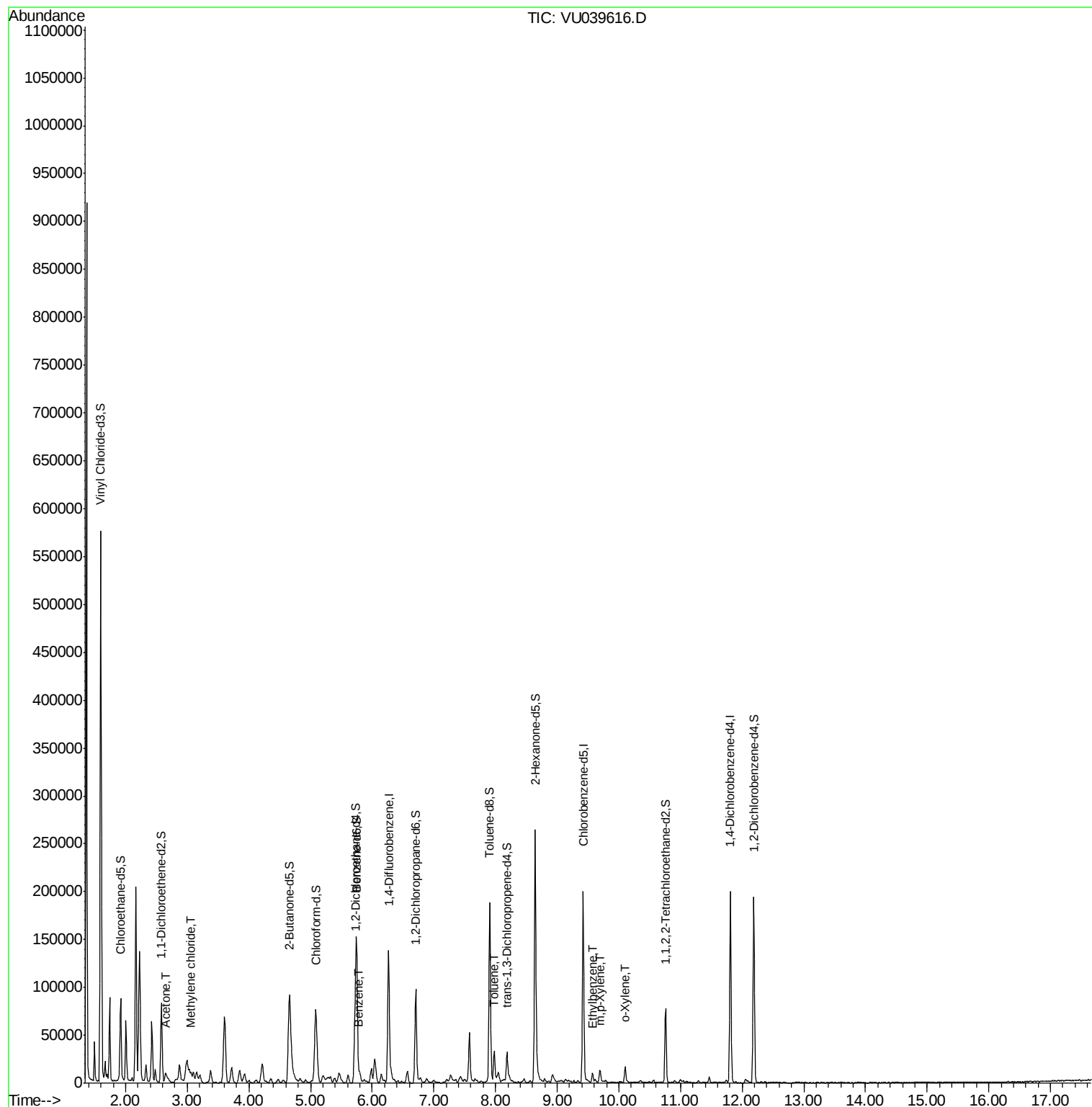
					Qvalue
13) Acetone	2.66	43	11731	9.530 ug/L	86
16) Methylene chloride	3.06	84	3144	0.436 ug/L	97
33) Benzene	5.79	78	7930	0.330 ug/L	100
42) Toluene	7.98	91	17368	0.661 ug/L	87
52) Ethylbenzene	9.57	91	6905	0.231 ug/L	97
53) m,p-Xylene	9.70	106	3465	0.311 ug/L	94
54) o-Xylene	10.10	106	4179	0.384 ug/L	93

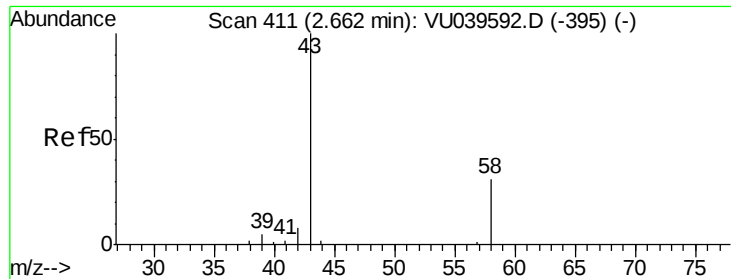
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.530 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

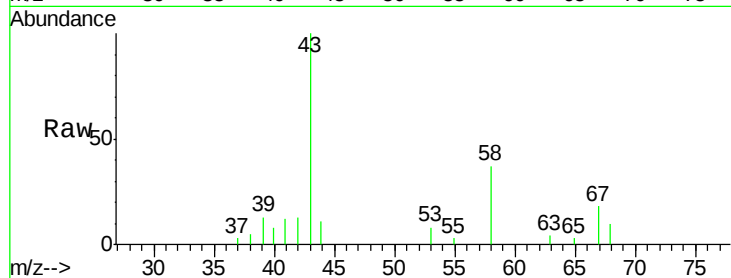
GAY09

Tgt Ion: 43 Resp: 11731

Ion Ratio Lower Upper

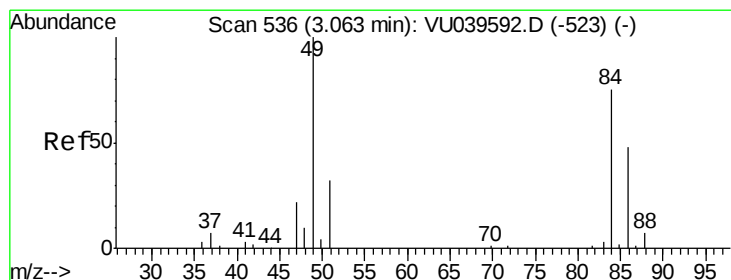
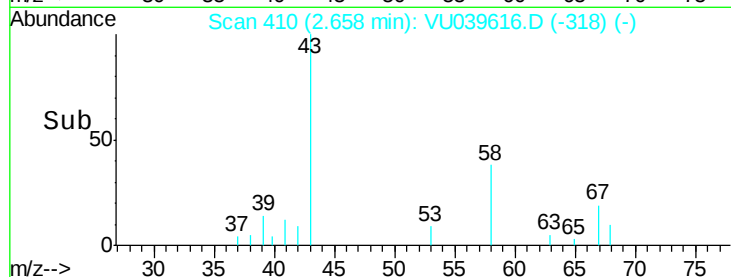
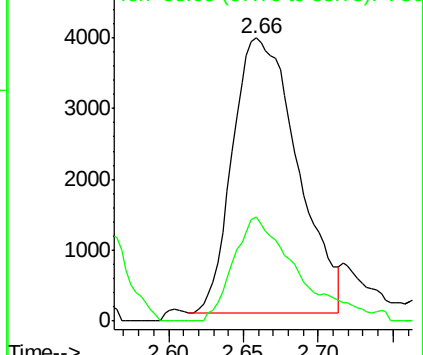
43 100

58 37.0 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.436 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU039616.D

Acq: 21 Jul 2020 22:42

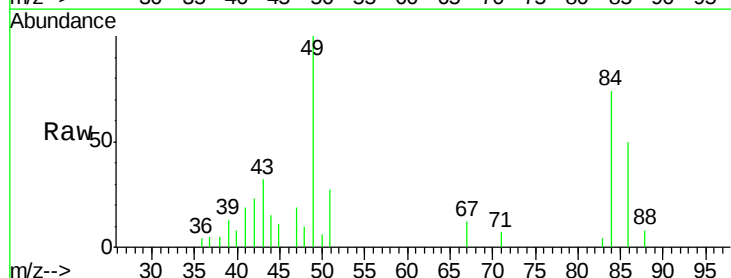
Tgt Ion: 84 Resp: 3144

Ion Ratio Lower Upper

84 100

86 67.2 43.8 81.4

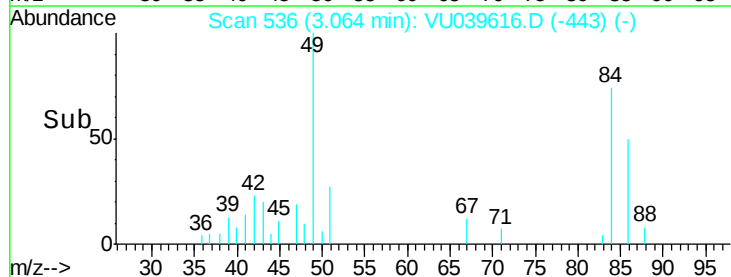
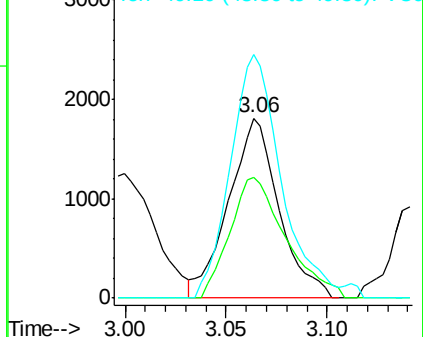
49 135.2 92.7 172.3

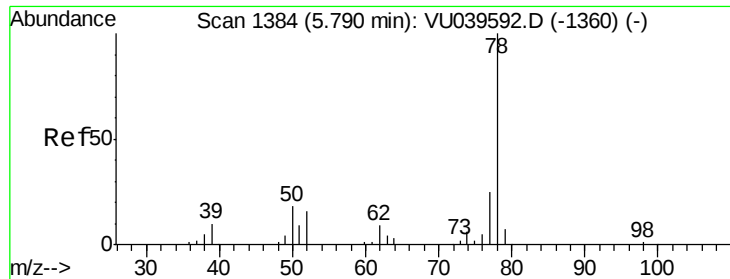


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#33

Benzene

Concen: 0.330 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VU039616.D

Acq: 21 Jul 2020 22:42

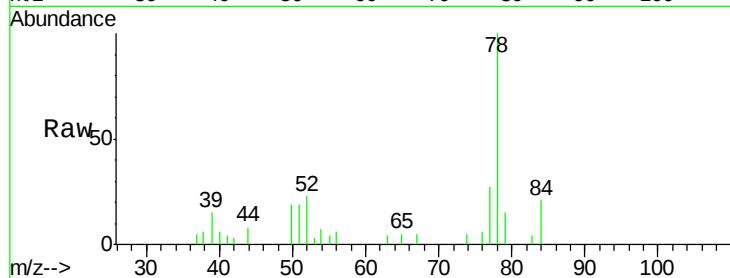
Instrument :

MSVOA_U

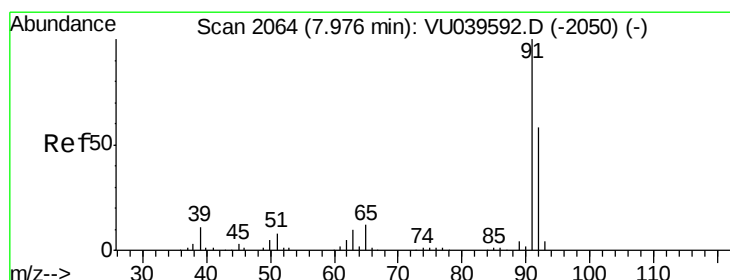
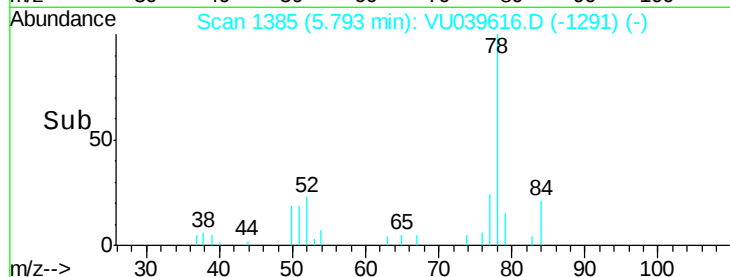
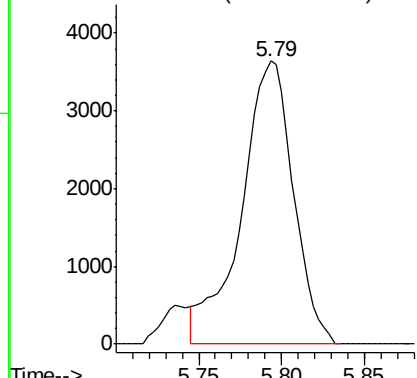
ClientSampleId :

GAY09

Tgt Ion: 78 Resp: 7930



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.661 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VU039616.D

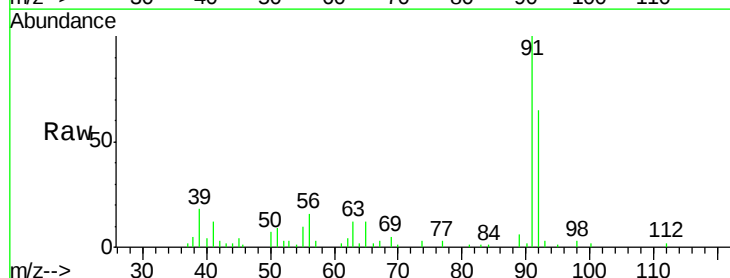
Acq: 21 Jul 2020 22:42

Tgt Ion: 91 Resp: 17368

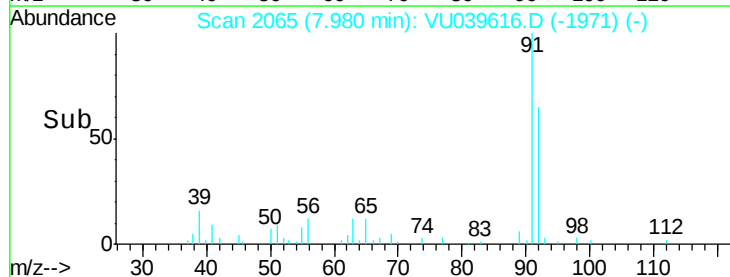
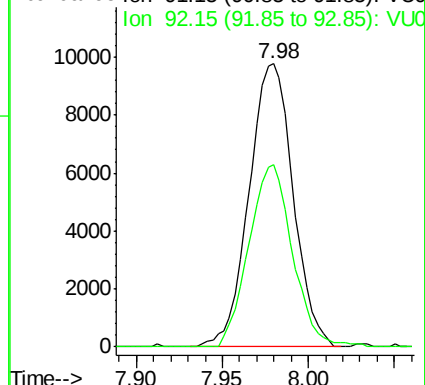
Ion Ratio Lower Upper

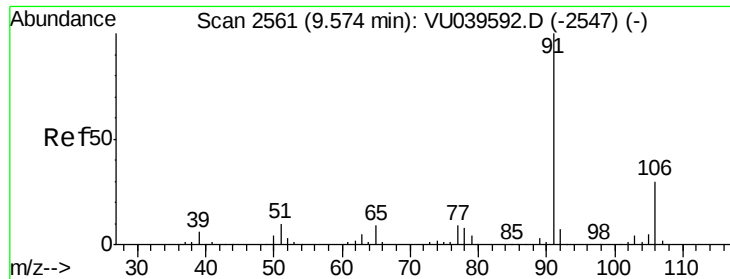
91 100

92 64.6 38.6 71.6



Abundance Ion 91.15 (90.85 to 91.85): VU0





#52

Ethylbenzene

Concen: 0.231 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039616.D

Acq: 21 Jul 2020 22:42

Instrument :

MSVOA_U

ClientSampleId :

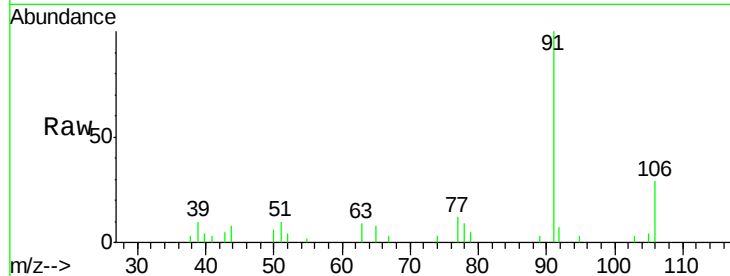
GAY09

Tgt Ion: 91 Resp: 6905

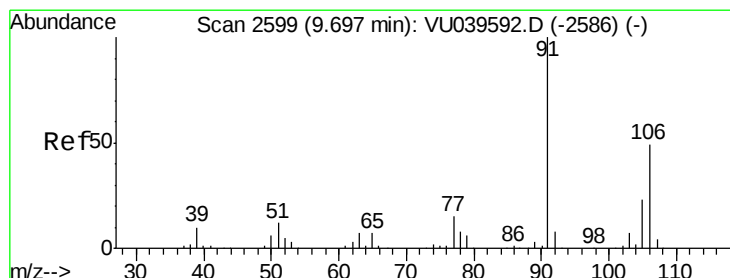
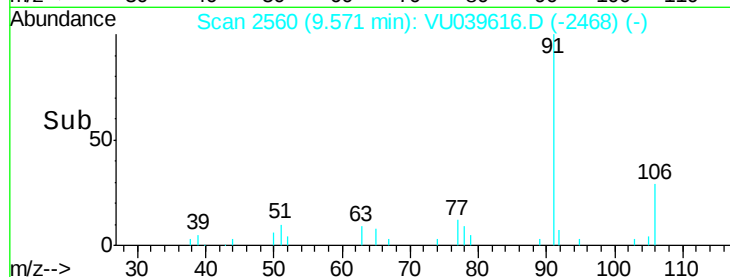
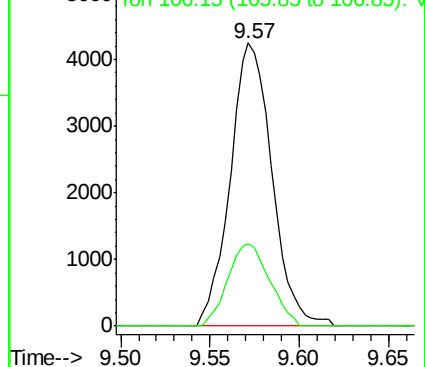
Ion Ratio Lower Upper

91 100

106 29.0 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU039592.D (-2547) (-)



#53

m,p-Xylene

Concen: 0.311 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039616.D

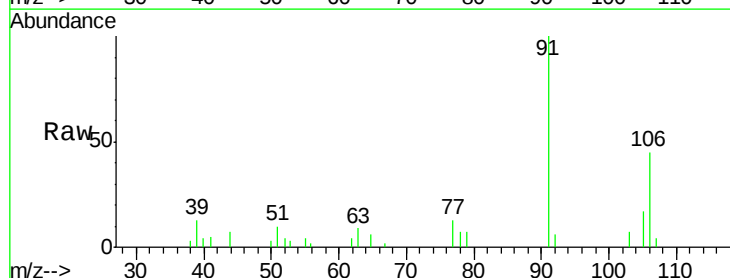
Acq: 21 Jul 2020 22:42

Tgt Ion: 106 Resp: 3465

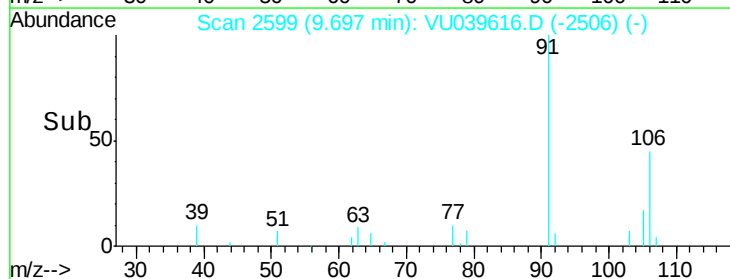
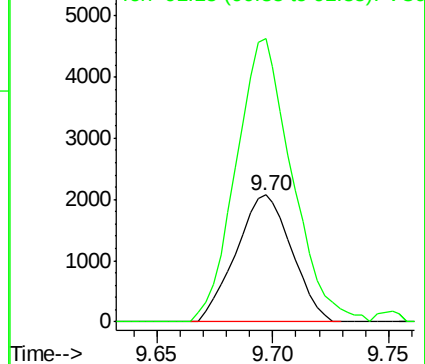
Ion Ratio Lower Upper

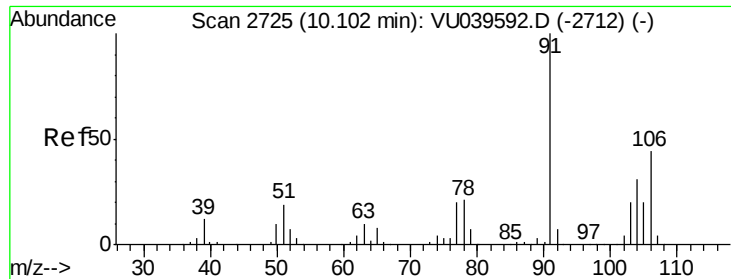
106 100

91 222.8 149.3 277.3



Abundance Ion 106.15 (105.85 to 106.85): VU039592.D (-2586) (-)





#54
o-Xylene
Concen: 0.384 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039616.D
Acq: 21 Jul 2020 22:42

Instrument :
MSVOA_U
ClientSampleId :
GAY09

Tgt Ion:106 Resp: 4179
Ion Ratio Lower Upper
106 100
91 213.4 157.4 292.4

