

Data File : VU039865.D
Acq On : 14 Aug 2020 17:44
Operator : SY/MD
Sample : L3517-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4L41

Manual Integrations
APPROVED

sam
8/18/2020 5:52:17 PM

Quant Time: Aug 17 05:40:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78299	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17349	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.92	69	18099	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.58	63	26032	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.67	46	72783	39.14	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.28%
24) Chloroform-d	5.08	84	43873	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.72	65	26044	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
32) Benzene-d6	5.74	84	78169	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.70	67	27321	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.91	98	63896	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.19	79	10689	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	56549	43.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.46%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	25186	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	30276	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Qvalue
5) Vinyl chloride	1.61	62	4214	0.662 ug/L	99
13) Acetone	2.68	43	5652m	5.156 ug/L	
33) Benzene	5.78	78	3668	0.174 ug/L	100
42) Toluene	7.97	91	4134	0.187 ug/L	92
52) Ethylbenzene	9.58	91	3627	0.146 ug/L	100
53) m,p-Xylene	9.69	106	4436	0.470 ug/L	94
54) o-Xylene	10.10	106	1518	0.164 ug/L	93

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

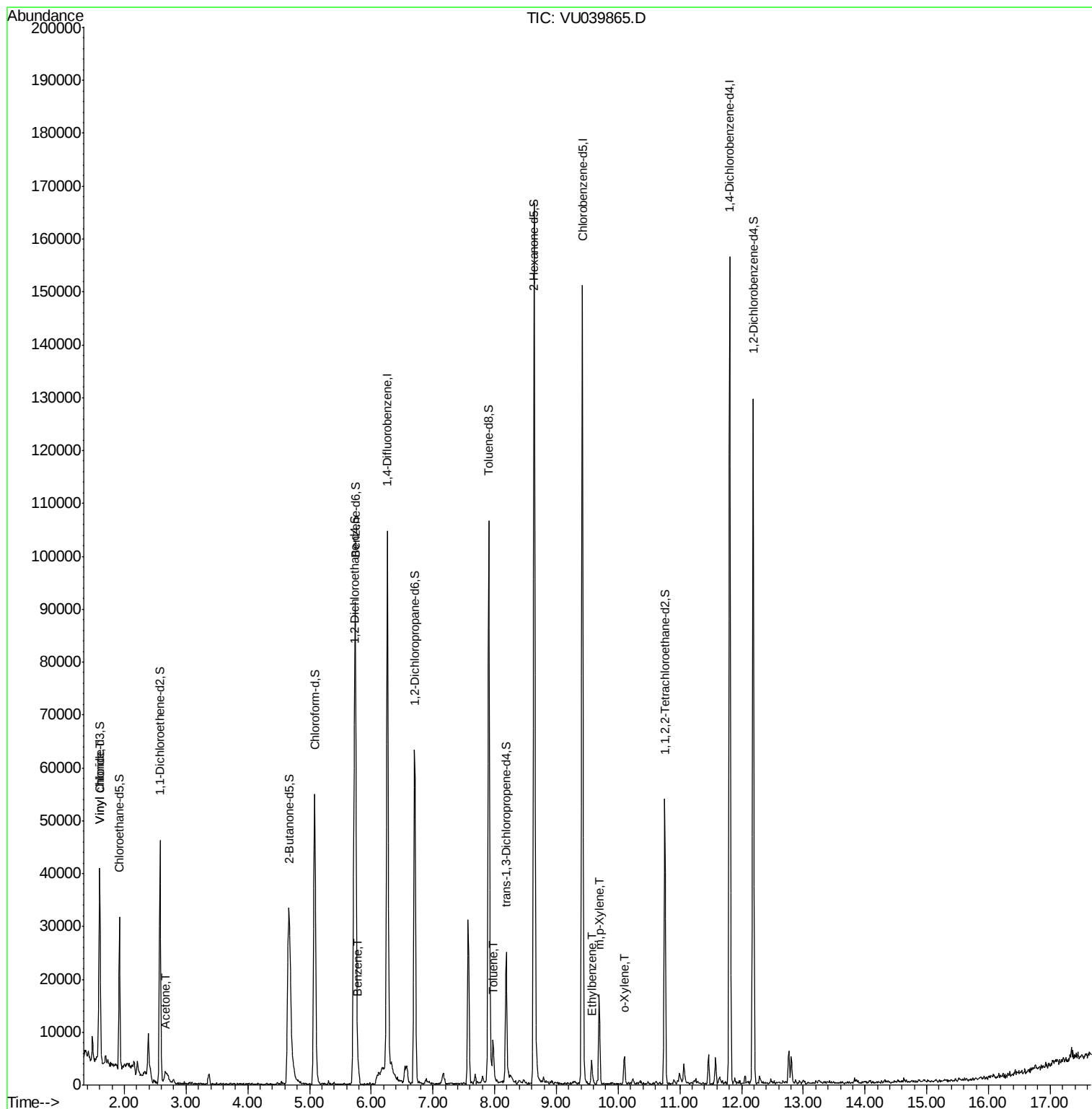
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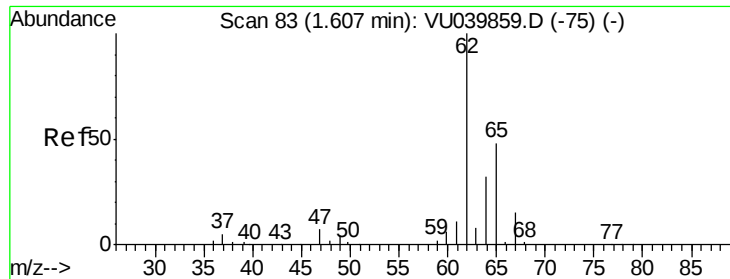
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.662 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039865.D

Acq: 14 Aug 2020 17:44

Instrument :

MSVOA_U

ClientSampled :

F4L41

Tgt Ion: 62 Resp: 4214

Ion Ratio Lower Upper

62 100

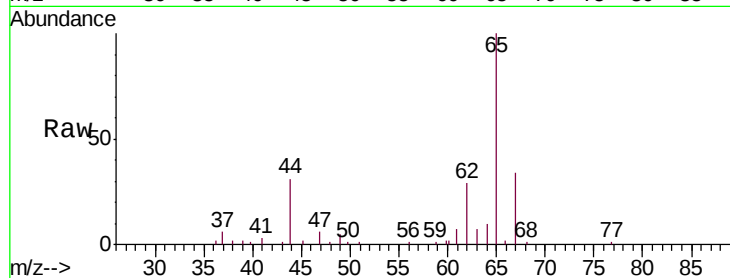
64 35.0 24.1 44.7

Manual Integrations

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Abundance Ion 62.00 (61.70 to 62.70): VU039865.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU039865.D (-1) (-)

1.61

4000

3000

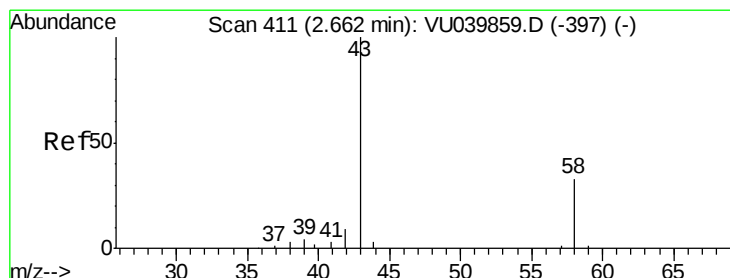
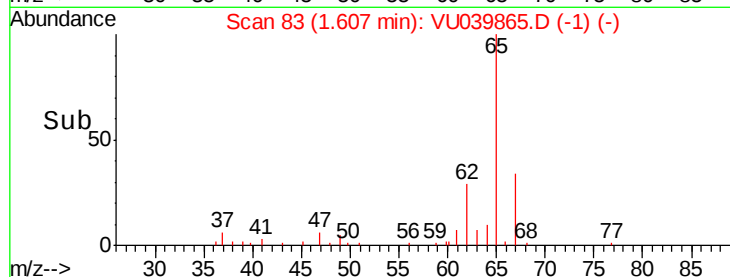
2000

1000

0

Time-->

1.60 1.65



#13

Acetone

Concen: 5.156 ug/L m

RT: 2.68 min Scan# 418

Delta R.T. 0.02 min

Lab File: VU039865.D

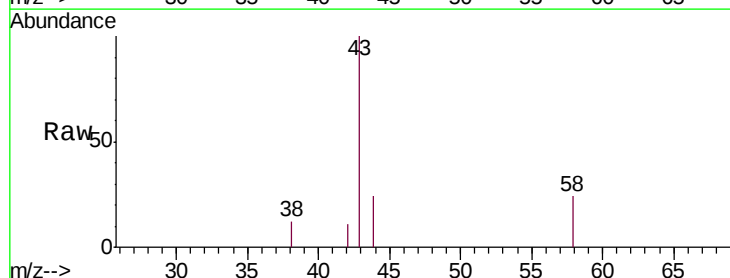
Acq: 14 Aug 2020 17:44

Tgt Ion: 43 Resp: 5652

Ion Ratio Lower Upper

43 100

58 5.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039865.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU039865.D (-318) (-)

2.68

1500

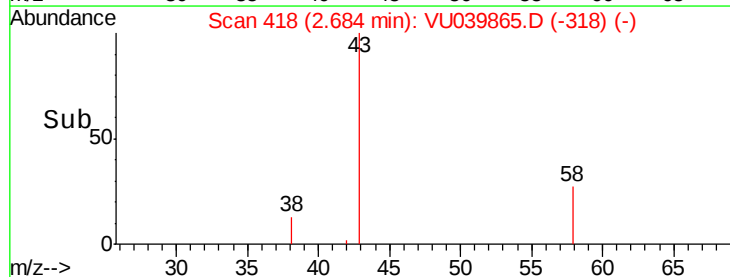
1000

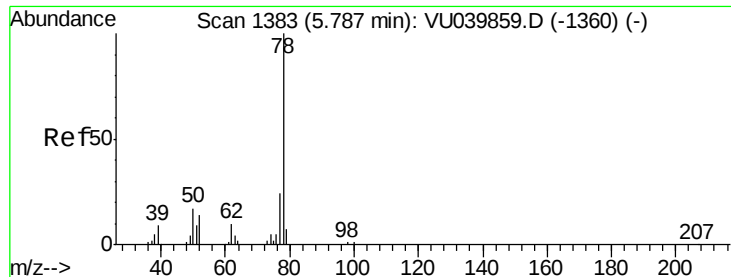
500

0

Time-->

2.60 2.65 2.70 2.75





#33

Benzene

Concen: 0.174 ug/L

RT: 5.78 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VU039865.D

Acq: 14 Aug 2020 17:44

Instrument :

MSVOA_U

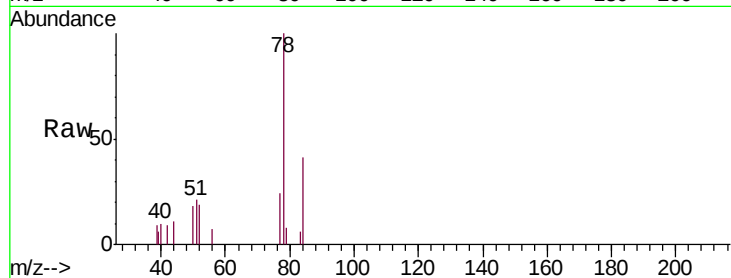
ClientSampleId :

F4L41

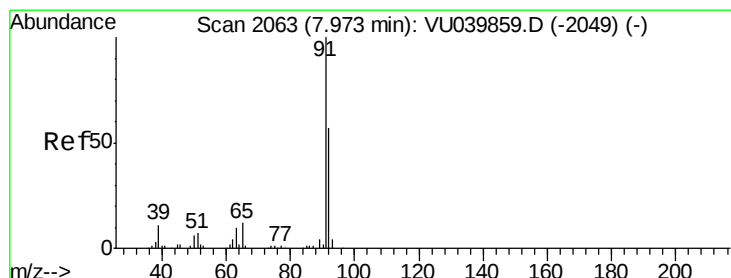
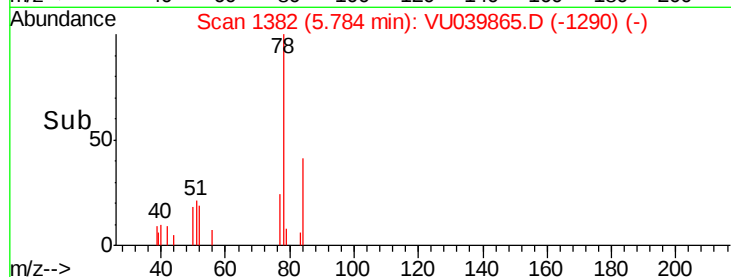
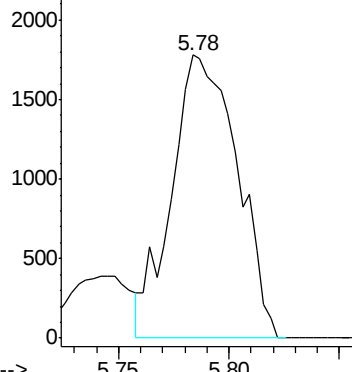
Tgt Ion: 78 Resp: 3668

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Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.187 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU039865.D

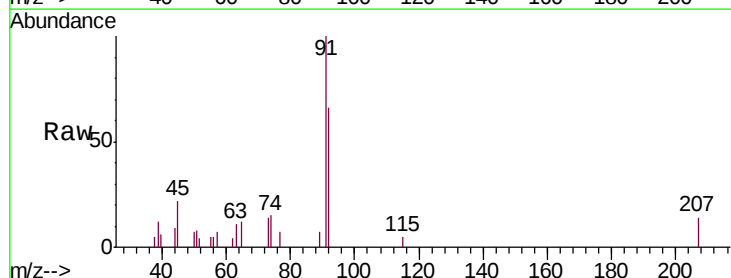
Acq: 14 Aug 2020 17:44

Tgt Ion: 91 Resp: 4134

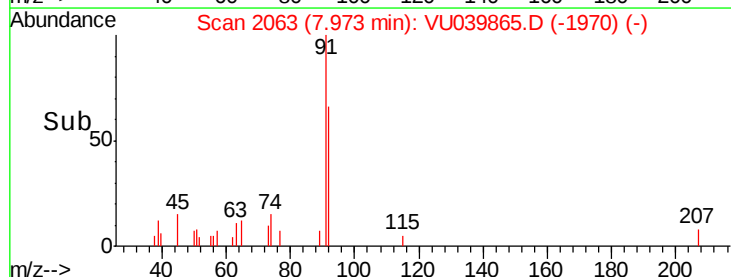
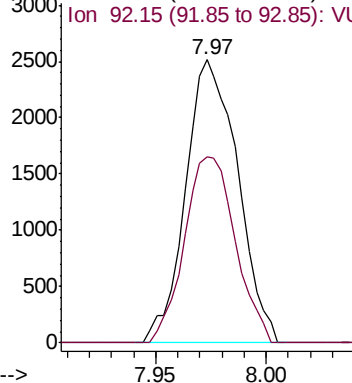
Ion Ratio Lower Upper

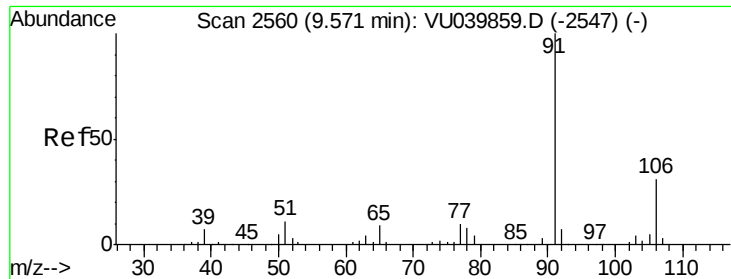
91 100

92 65.9 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VU0





#52

Ethylbenzene

Concen: 0.146 ug/L

RT: 9.58 min Scan# 2562

Delta R.T. 0.01 min

Lab File: VU039865.D

Acq: 14 Aug 2020 17:44

Instrument :

MSVOA_U

ClientSampled :

F4L41

Tgt Ion: 91 Resp: 3627

Ion Ratio Lower Upper

91 100

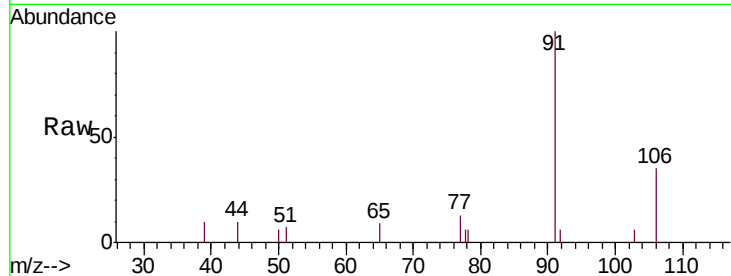
106 32.6 22.8 42.4

Manual Integrations

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Abundance Ion 91.15 (90.85 to 91.85): VU039859.D (-2547) (-)

Ion 106.15 (105.85 to 106.85): VU039865.D (-2467) (-)

2500

2000

1500

1000

500

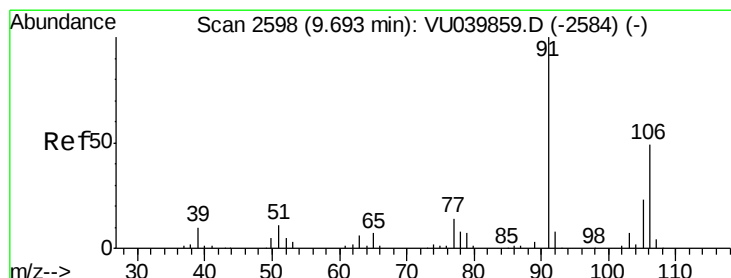
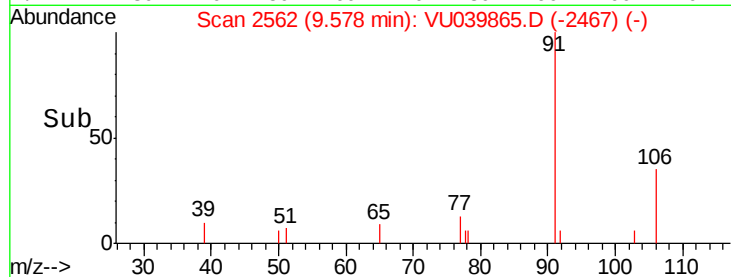
0

9.55

9.58

9.60

Time-->



#53

m,p-Xylene

Concen: 0.470 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU039865.D

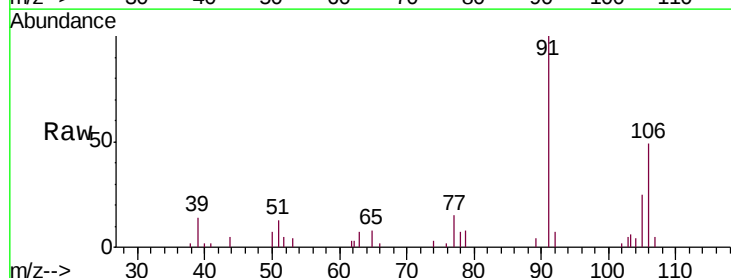
Acq: 14 Aug 2020 17:44

Tgt Ion: 106 Resp: 4436

Ion Ratio Lower Upper

106 100

91 202.4 135.5 251.7



Abundance Ion 106.15 (105.85 to 106.85): VU039865.D (-2505) (-)

Ion 91.15 (90.85 to 91.85): VU039859.D (-2584) (-)

6000

5000

4000

3000

2000

1000

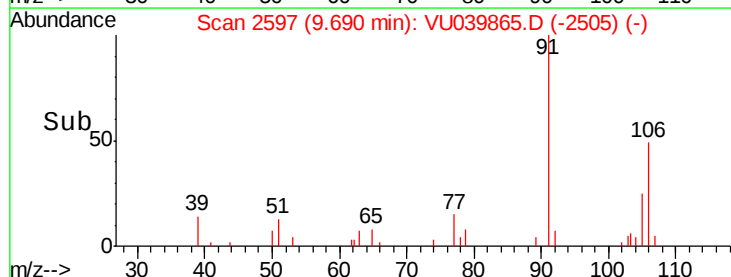
0

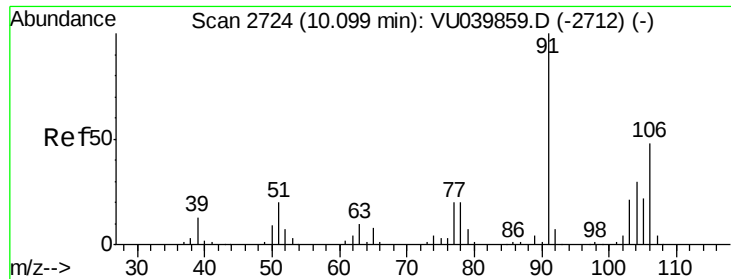
9.65

9.69

9.75

Time-->





#54
 o-Xylene
 Concen: 0.164 ug/L
 RT: 10.10 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VU039865.D
 Acq: 14 Aug 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L41

Tgt Ion:106 Resp: 1518
 Ion Ratio Lower Upper
 106 100
 91 190.2 140.8 261.6

Manual Integrations
 APPROVED

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