

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039941.D
 Acq On : 21 Aug 2020 20:27
 Operator : SY/MD
 Sample : L3776-03 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4Y02

Quant Time: Aug 22 03:02:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78531	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36303	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27776	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.92	69	27734	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.58	63	38886	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.66	46	111330	50.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.56%
24) Chloroform-d	5.08	84	53645	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.72	65	32475	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.75	84	100447	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.70	67	35765	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	86144	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.19	79	13618	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.64	63	81050	47.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31381	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	35885	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

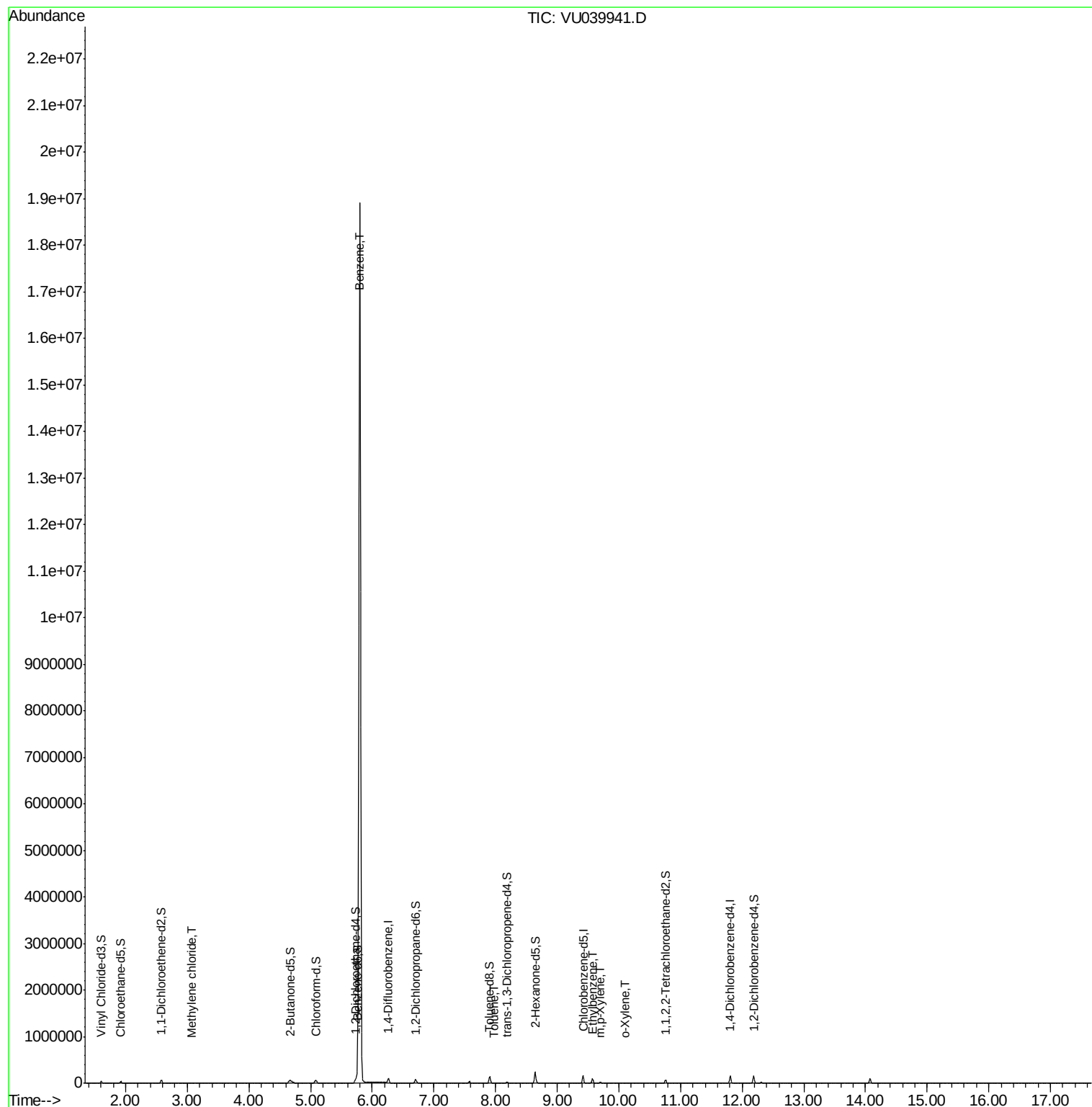
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.07	84	2033	0.215	ug/L	96
33) Benzene	5.80	78	15803125	537.040	ug/L	100
42) Toluene	7.97	91	4170	0.139	ug/L	90
52) Ethylbenzene	9.57	91	69487	2.123	ug/L	99
53) m,p-Xylene	9.70	106	3711	0.295	ug/L	99
54) o-Xylene	10.10	106	1630	0.137	ug/L	87

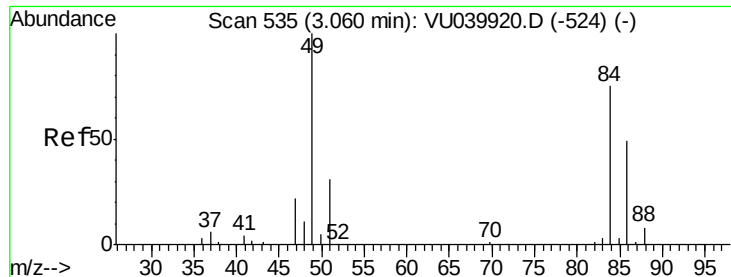
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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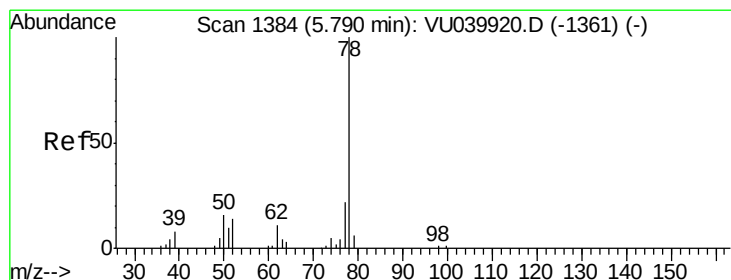
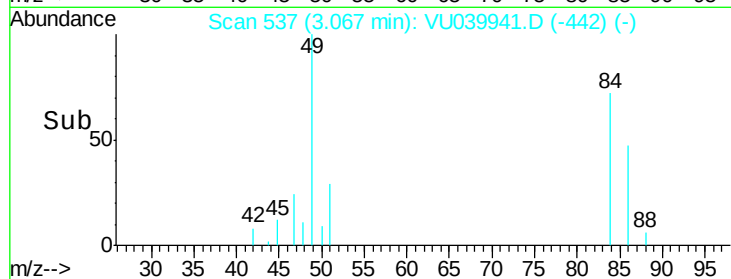
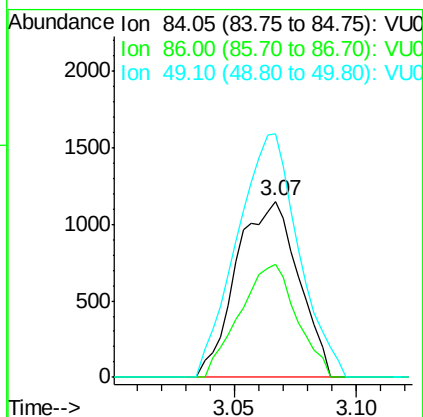
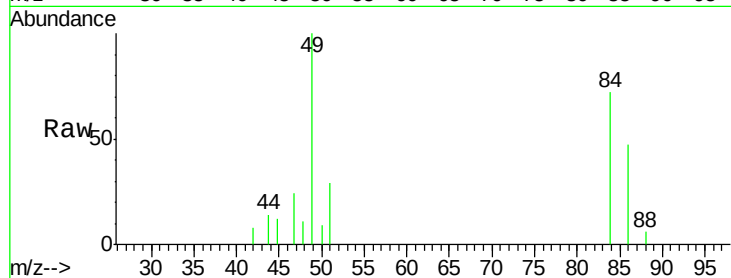




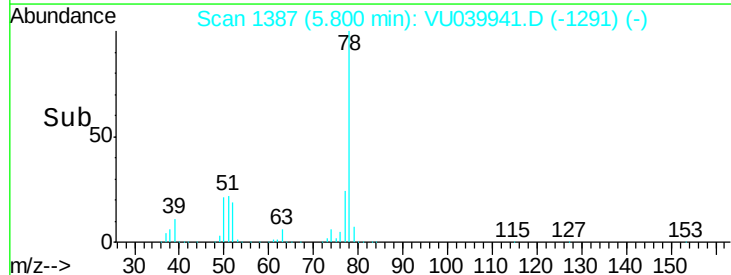
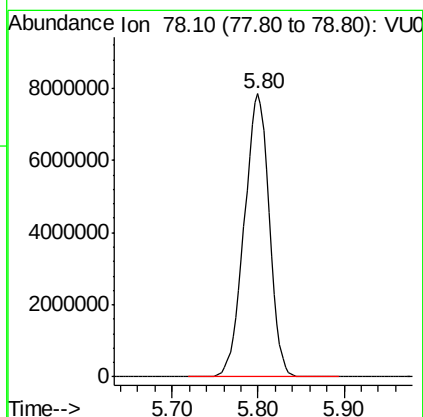
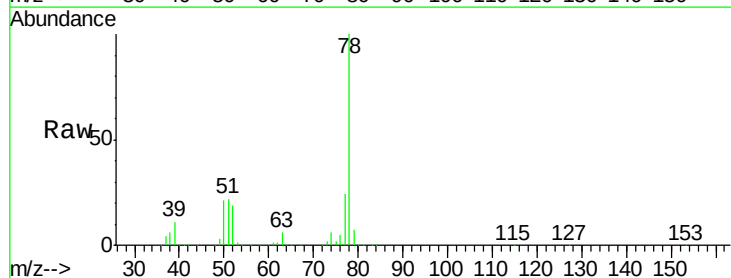
#16
Methvlene chloride
Concen: 0.215 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU039941.D
Acq: 21 Aug 2020 20:27

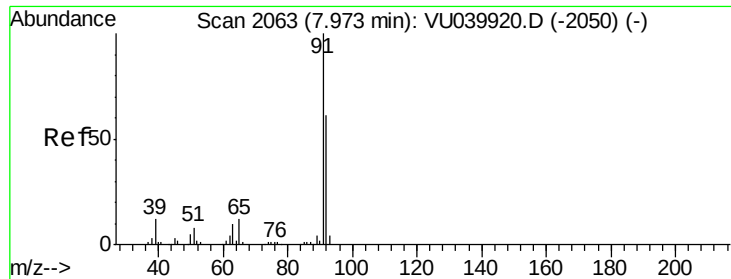
Instrument :
MSVOA_U
ClientSampleId :
F4Y02

Tot Ion: 84 Resp: 2033
Ion Ratio Lower Upper
84 100
86 64.4 47.2 87.6
49 138.2 99.8 185.4



#33
Benzene
Concen: 537.040 ug/L
RT: 5.80 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VU039941.D
Acq: 21 Aug 2020 20:27
Tgt Ion: 78 Resp:15803125





#42

Toluene

Concen: 0.139 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU039941.D

Acq: 21 Aug 2020 20:27

Instrument :

MSVOA_U

ClientSampleId :

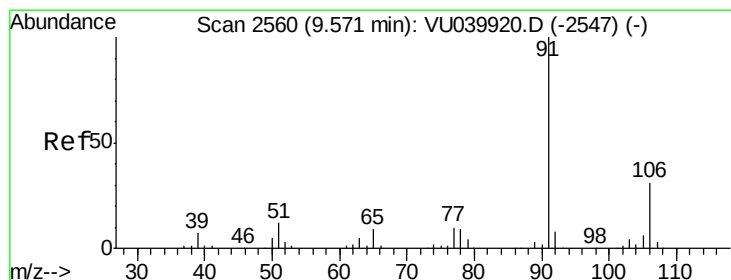
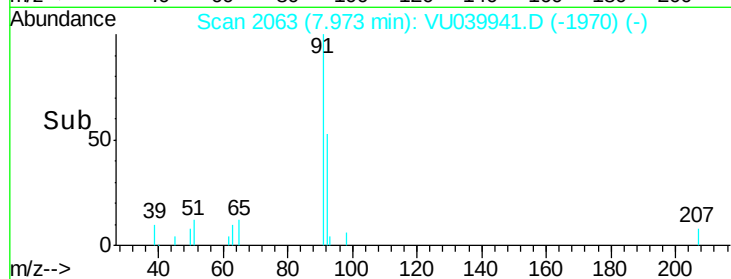
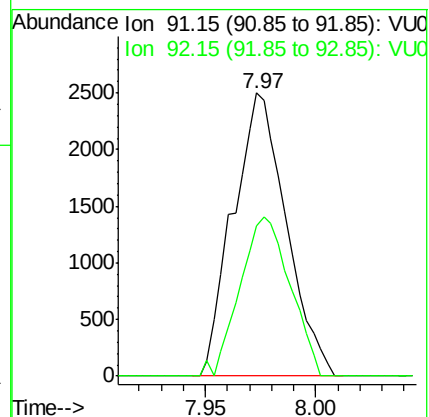
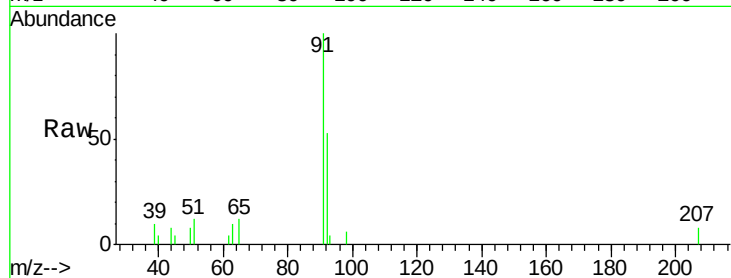
F4Y02

Tot Ion: 91 Resp: 4170

Ion Ratio Lower Upper

91 100

92 53.0 42.3 78.5



#52

Ethylbenzene

Concen: 2.123 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU039941.D

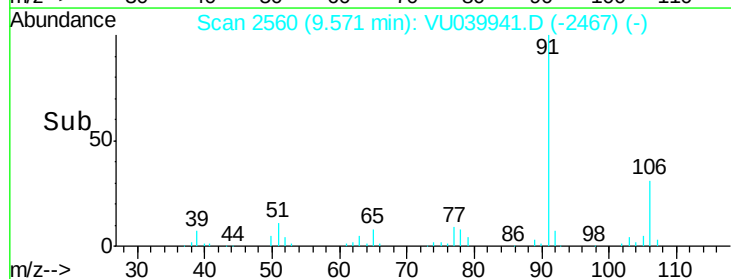
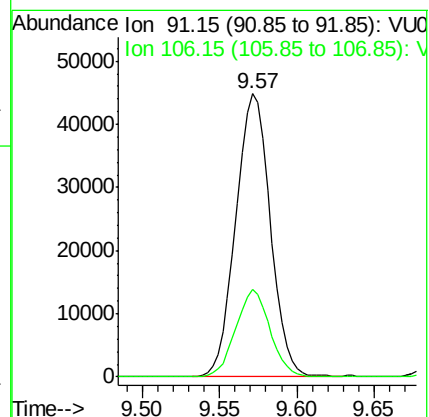
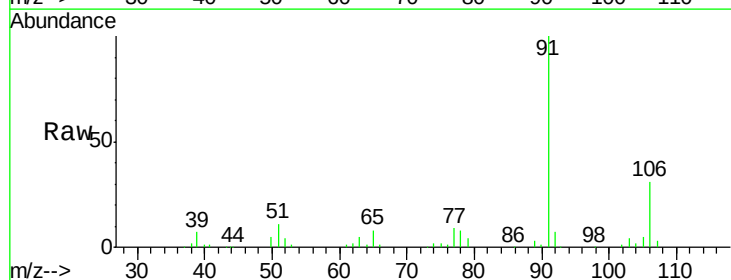
Acq: 21 Aug 2020 20:27

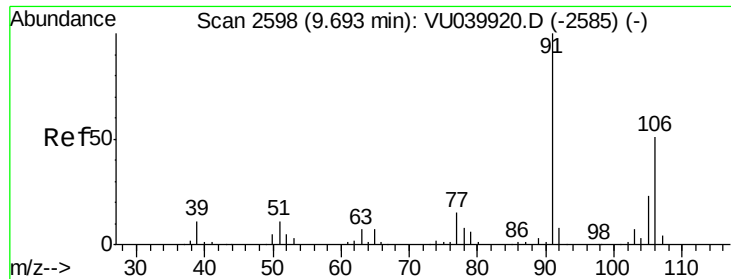
Tgt Ion: 91 Resp: 69487

Ion Ratio Lower Upper

91 100

106 30.8 21.2 39.4





#53

m,p-Xylene

Concen: 0.295 ug/L

RT: 9.70 min Scan# 2600

Delta R.T. 0.01 min

Lab File: VU039941.D

Acq: 21 Aug 2020 20:27

Instrument :

MSVOA_U

ClientSampleId :

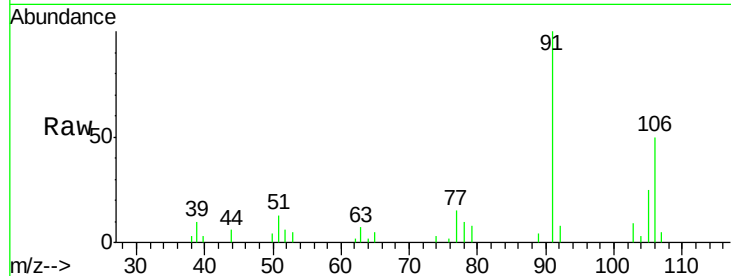
F4Y02

Tot Ion:106 Resp: 3711

Ion Ratio Lower Upper

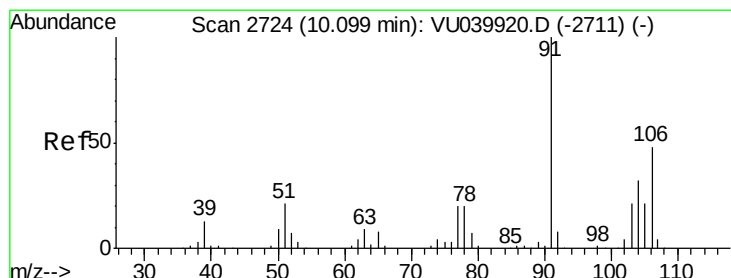
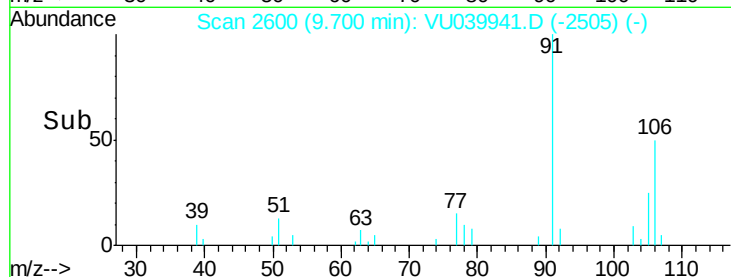
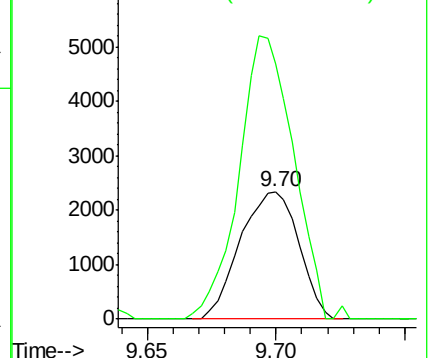
106 100

91 200.9 139.8 259.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.137 ug/L

RT: 10.10 min Scan# 2724

Delta R.T. 0.00 min

Lab File: VU039941.D

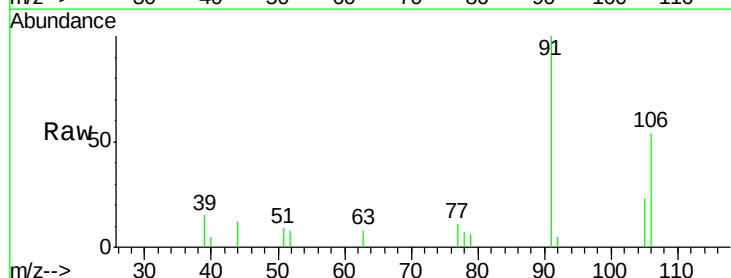
Acq: 21 Aug 2020 20:27

Tgt Ion:106 Resp: 1630

Ion Ratio Lower Upper

106 100

91 186.7 144.6 268.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

