

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038782.D
 Acq On : 10 Jun 2020 17:49
 Operator : SY/MD
 Sample : L2913-05DL2 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D84DL2

Quant Time: Jun 11 03:44:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 03:42:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	536903	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	527015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	247348	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193559	64.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	129.06%
7) Chloroethane-d5	1.93	69	152739	65.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.28%#
11) 1,1-Dichloroethene-d2	2.59	63	296725	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
21) 2-Butanone-d5	4.66	46	354413	121.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.45%
24) Chloroform-d	5.10	84	375181	58.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.02%
26) 1,2-Dichloroethane-d4	5.74	65	259379	60.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.02%
32) Benzene-d6	5.76	84	767716	60.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.94%
36) 1,2-Dichloropropane-d6	6.72	67	233134	59.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.18%
41) Toluene-d8	7.92	98	654997	57.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.20%
43) trans-1,3-Dichloropropene-	8.20	79	108795	55.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.46%
47) 2-Hexanone-d5	8.65	63	255078	122.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	331046	56.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.44%
64) 1,2-Dichlorobenzene-d4	12.20	152	261830	60.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.94%#

Target Compounds

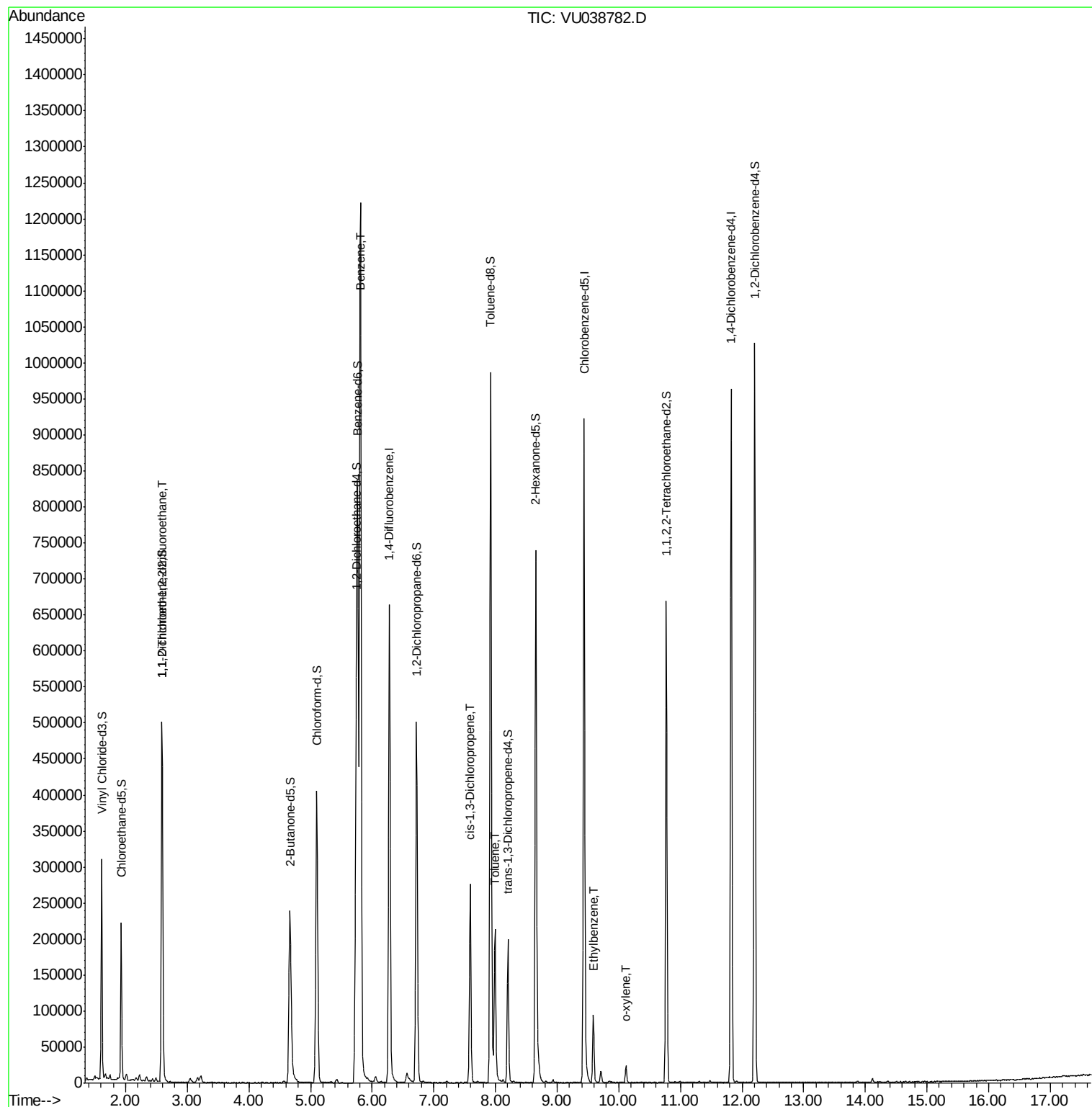
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2667	0.773	ug/L #	21
33) Benzene	5.81	78	1168274	74.650	ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	6997	1.113	ug/L #	58
42) Toluene	7.99	91	149939	9.163	ug/L	99
52) Ethylbenzene	9.59	91	66293	3.671	ug/L	100
54) o-xylene	10.12	106	6746	1.002	ug/L	88

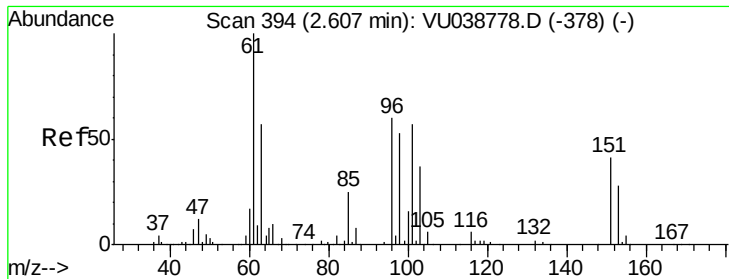
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 03:42:48 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.773 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

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ClientSampleId :

F9D84DL2

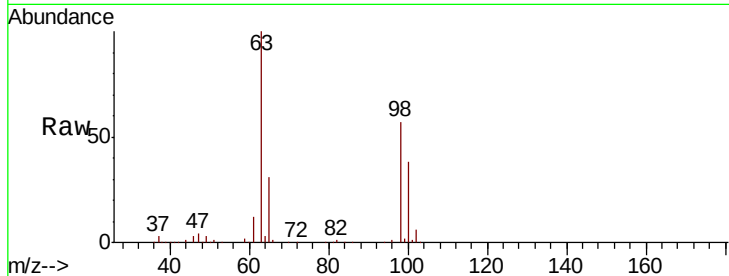
Tot Ion:101 Resp: 2667

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

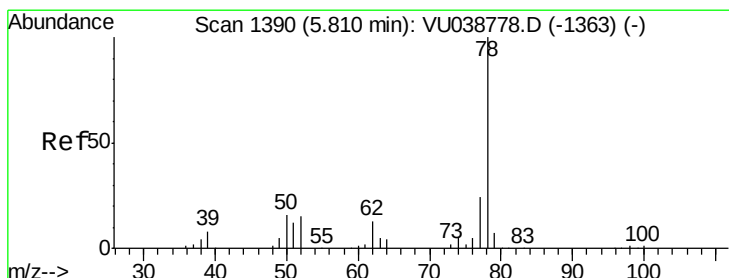
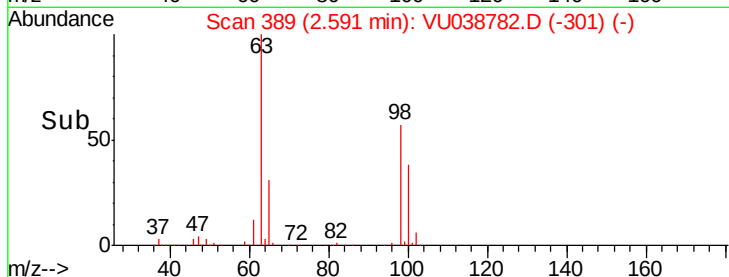
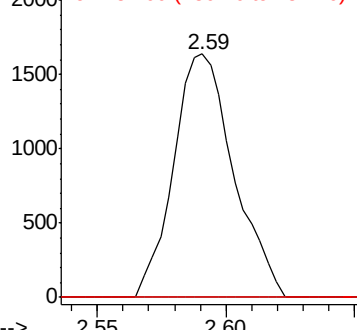
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#33

Benzene

Concen: 74.650 ug/L

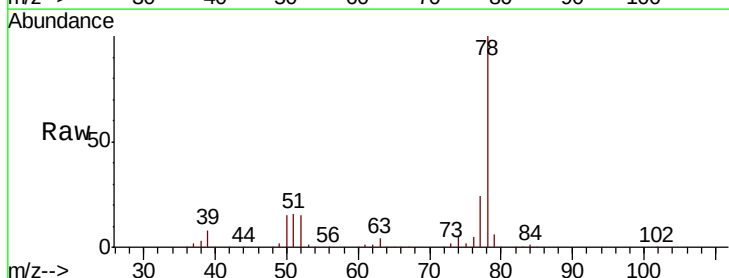
RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

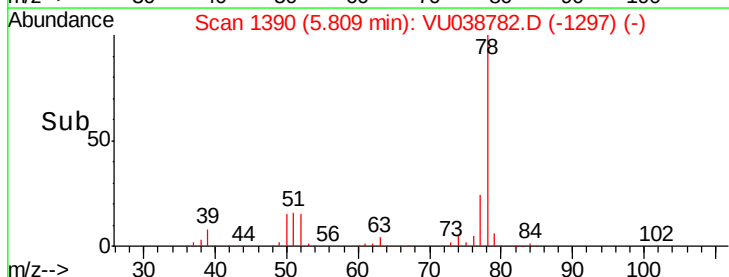
Lab File: VU038782.D

Acq: 10 Jun 2020 17:49

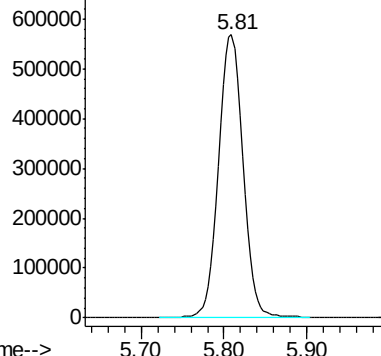
Tgt Ion: 78 Resp: 1168274

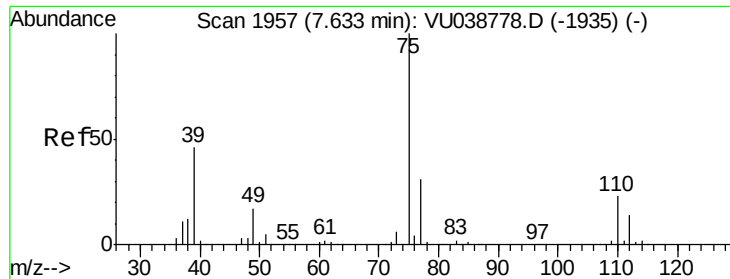


Abundance Ion 78.00 (77.70 to 78.70): VU0



Time-->



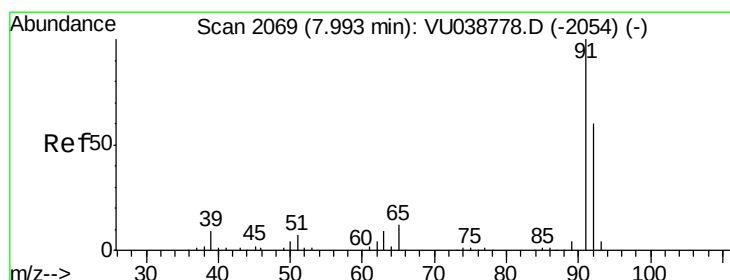
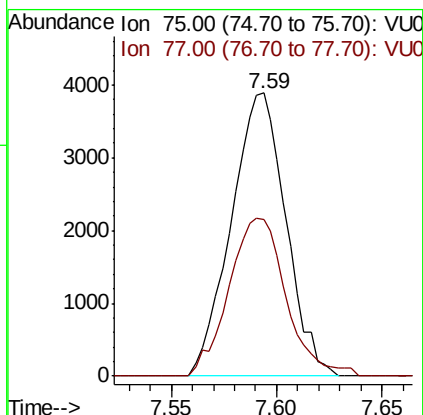
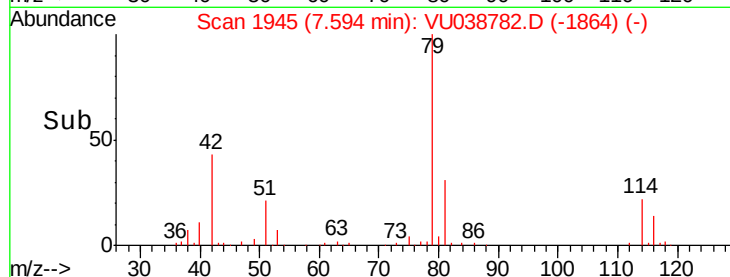
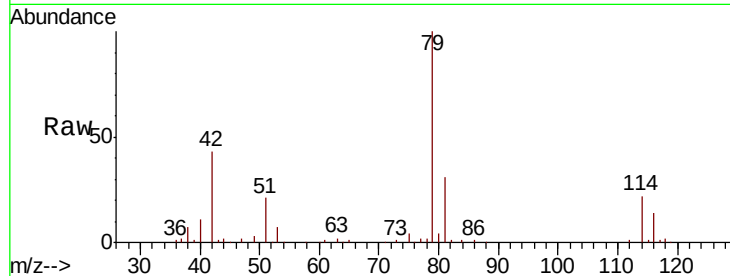


#39

cis-1,3-Dichloropropene
Concen: 1.113 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.04 min
Lab File: VU038782.D
Acq: 10 Jun 2020 17:49

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F9D84DL2

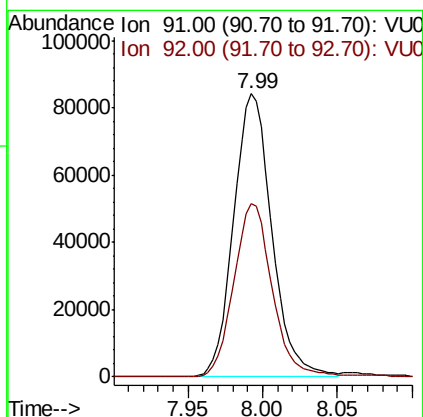
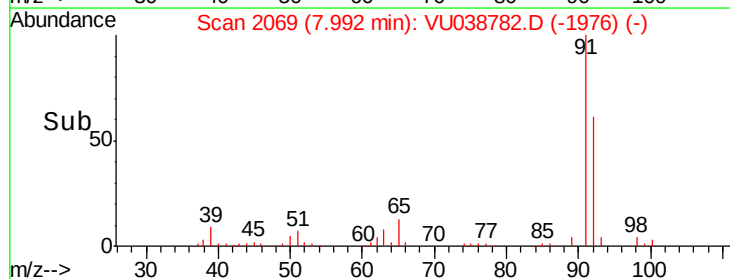
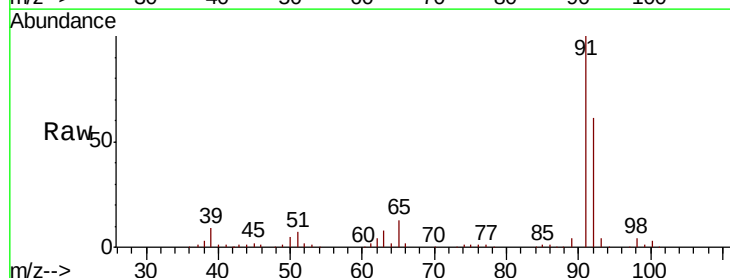
Tot Ion: 75 Resp: 6997
Ion Ratio Lower Upper
75 100
77 55.3 22.2 41.2#

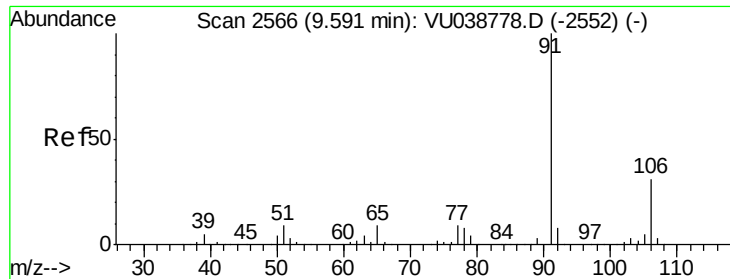


#42

Toluene
Concen: 9.163 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038782.D
Acq: 10 Jun 2020 17:49

Tgt Ion: 91 Resp: 149939
Ion Ratio Lower Upper
91 100
92 61.1 42.2 78.4





#52

Ethylbenzene

Concen: 3.671 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038782.D

Acq: 10 Jun 2020 17:49

Instrument :

MSVOA_U

ClientSampleId :

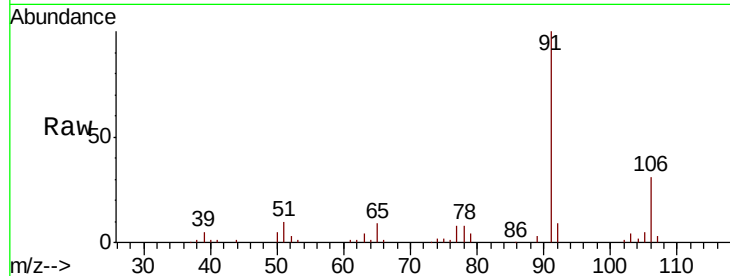
F9D84DL2

Tot Ion: 91 Resp: 66293

Ion Ratio Lower Upper

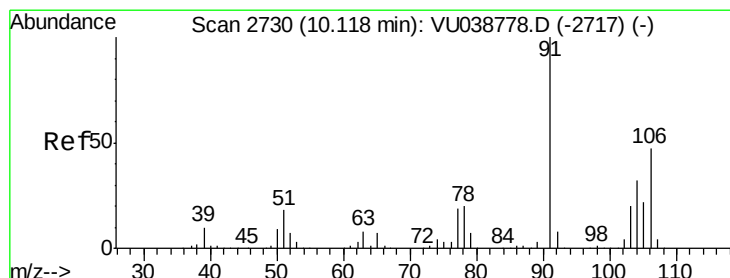
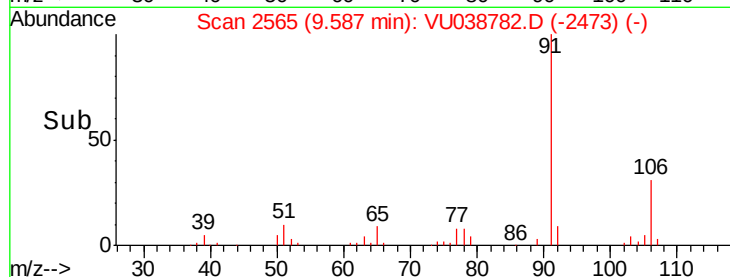
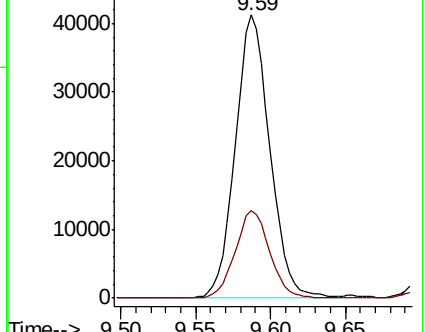
91 100

106 30.8 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VU038778.D (-2552) (-)

Ion 106.00 (105.70 to 106.70): VU038778.D (-2552) (-)



#54

o-xylene

Concen: 1.002 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VU038782.D

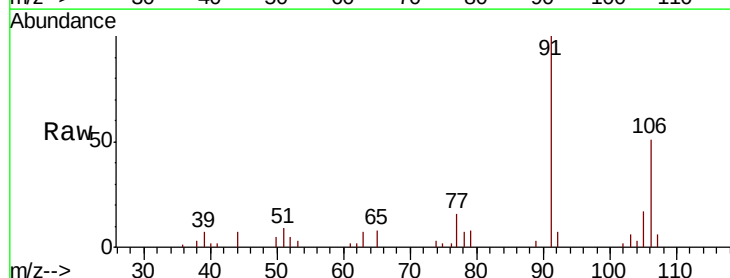
Acq: 10 Jun 2020 17:49

Tgt Ion: 106 Resp: 6746

Ion Ratio Lower Upper

106 100

91 196.8 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): VU038778.D (-2717) (-)

Ion 91.00 (90.70 to 91.70): VU038778.D (-2717) (-)

