

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038786.D
 Acq On : 10 Jun 2020 19:18
 Operator : SY/MD
 Sample : L2913-09DL 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E49DL

Quant Time: Jun 11 04:43:36 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	575998	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	554774	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	261750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	193028	59.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.96%
7) Chloroethane-d5	1.93	69	150449	60.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.52%
11) 1,1-Dichloroethene-d2	2.59	63	289849	41.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.66%
21) 2-Butanone-d5	4.67	46	377365	120.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.53%
24) Chloroform-d	5.10	84	375474	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.24%
26) 1,2-Dichloroethane-d4	5.74	65	260334	56.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.22%
32) Benzene-d6	5.76	84	761446	56.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.96%
36) 1,2-Dichloropropane-d6	6.72	67	232213	56.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.76%
41) Toluene-d8	7.92	98	654024	54.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.32%
43) trans-1,3-Dichloropropene-	8.20	79	110191	53.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.28%
47) 2-Hexanone-d5	8.65	63	258078	117.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	325907	53.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.10%
64) 1,2-Dichlorobenzene-d4	12.20	152	265438	58.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.82%

Target Compounds

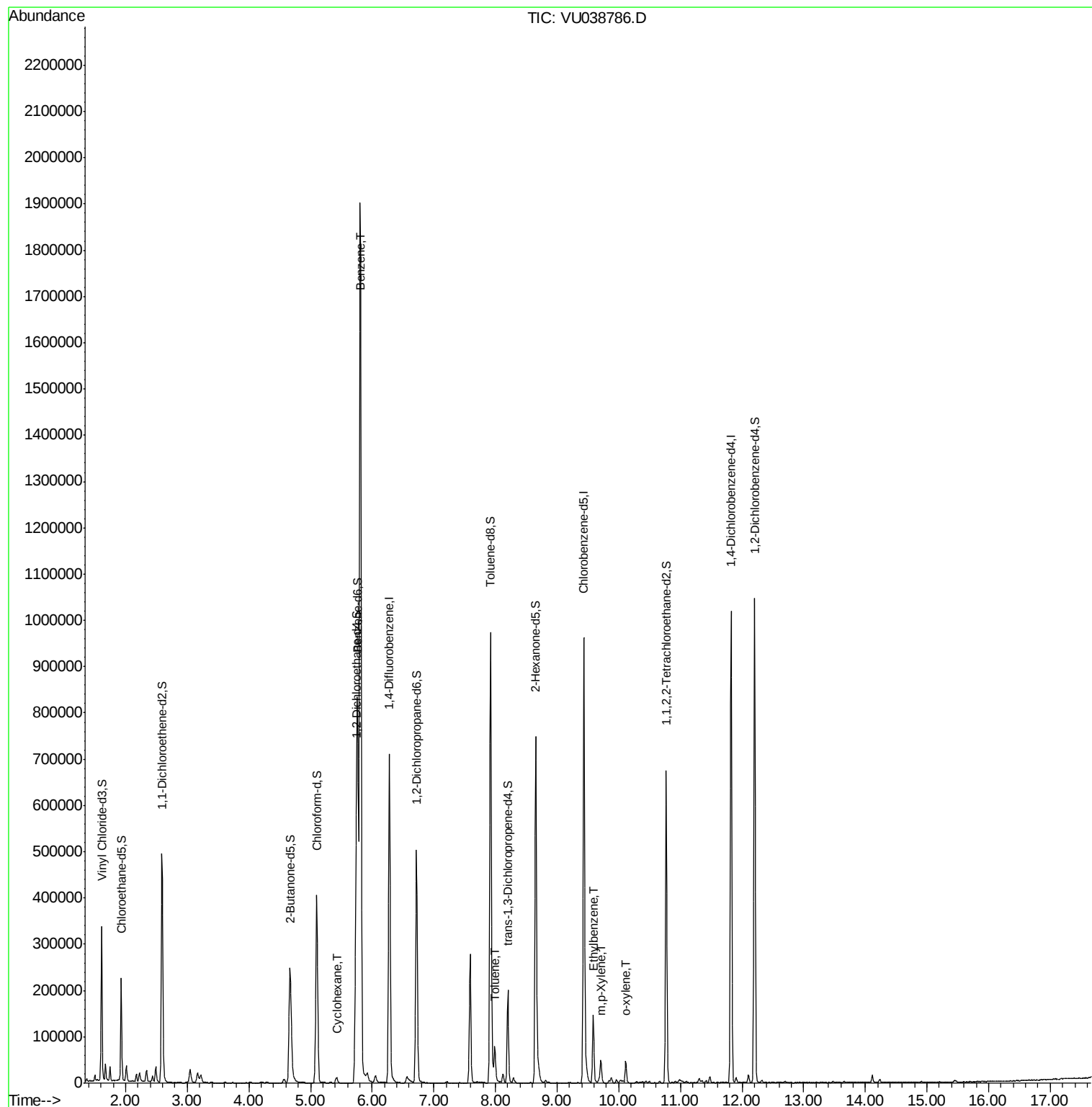
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	5.42	56	5281	0.832	ug/L	# 81
33) Benzene	5.81	78	1809164	109.817	ug/L	100
42) Toluene	7.99	91	51155	2.970	ug/L	97
52) Ethylbenzene	9.59	91	105908	5.571	ug/L	99
53) m,p-Xylene	9.71	106	12958	1.776	ug/L	92
54) o-xylene	10.11	106	12511	1.766	ug/L	96

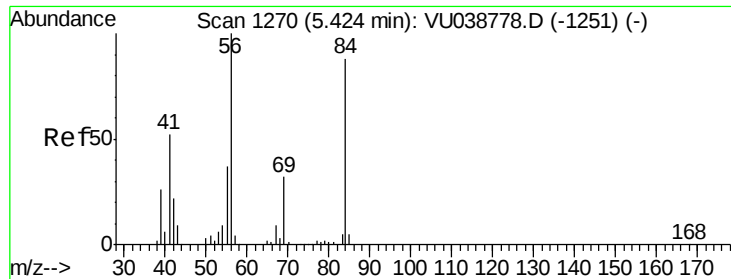
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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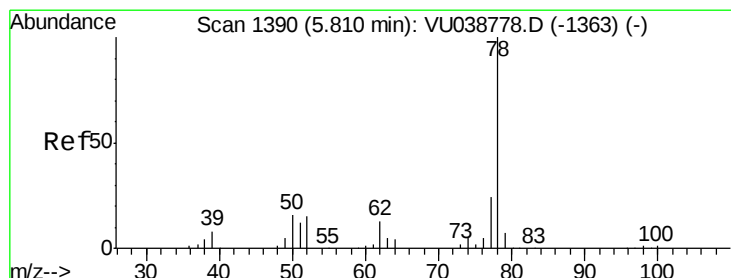
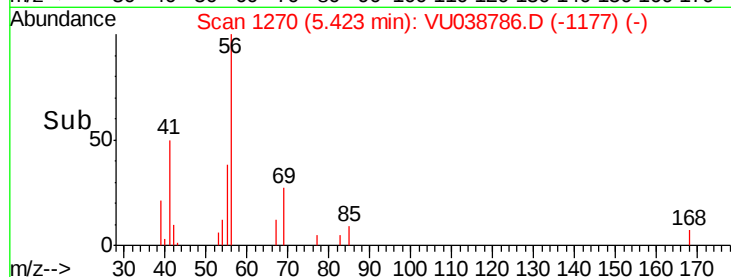
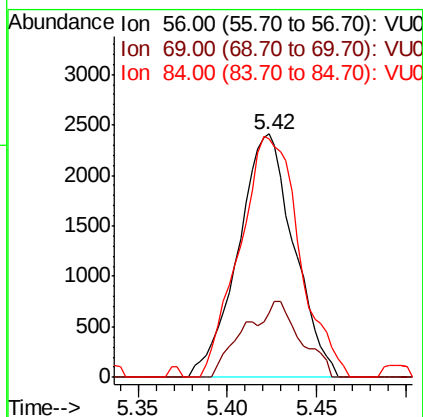
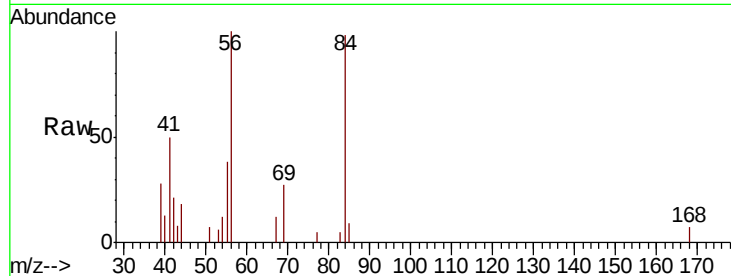




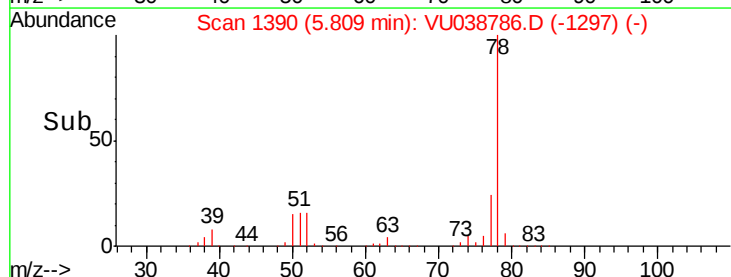
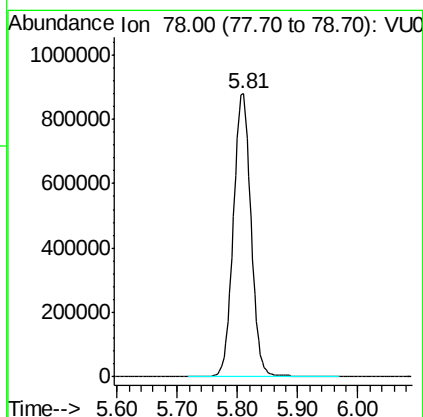
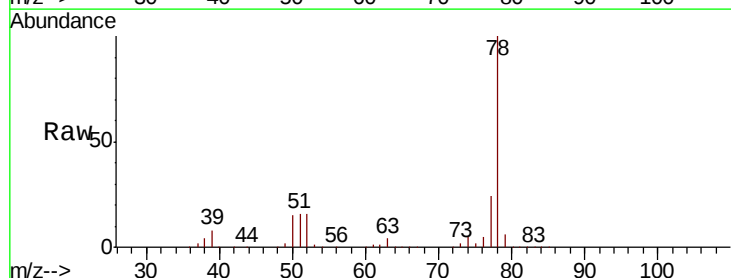
#29
Cyclohexane
Concen: 0.832 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038786.D
Acq: 10 Jun 2020 19:18

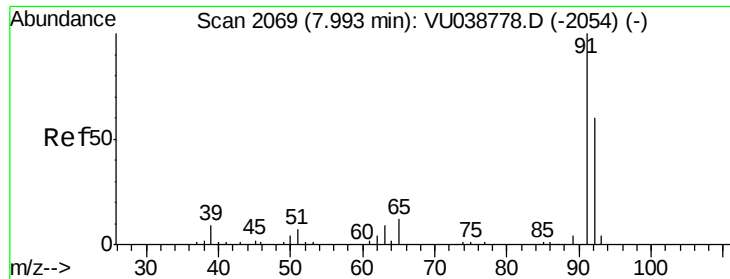
Instrument :
MSVOA_U
ClientSampleId :
F9E49DL

Tot Ion: 56 Resp: 5281
Ion Ratio Lower Upper
56 100
69 20.2 25.1 37.7#
84 106.0 70.5 105.7#



#33
Benzene
Concen: 109.817 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038786.D
Acq: 10 Jun 2020 19:18
Tgt Ion: 78 Resp: 1809164





#42

Toluene

Concen: 2.970 ug/L

RT: 7.99 min Scan# 2068

Delta R.T. -0.00 min

Lab File: VU038786.D

Acq: 10 Jun 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

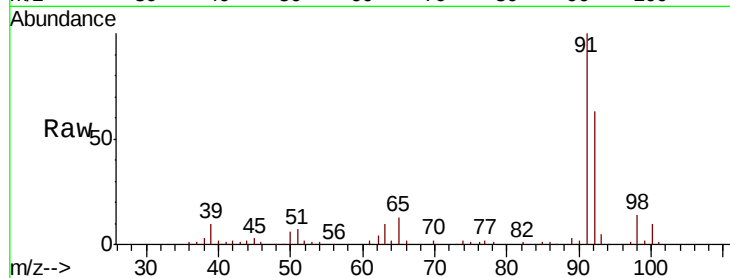
F9E49DL

Tot Ion: 91 Resp: 51155

Ion Ratio Lower Upper

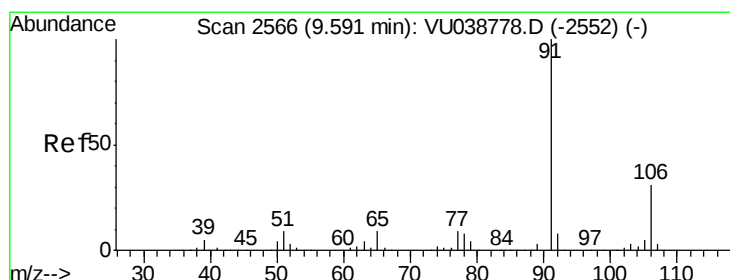
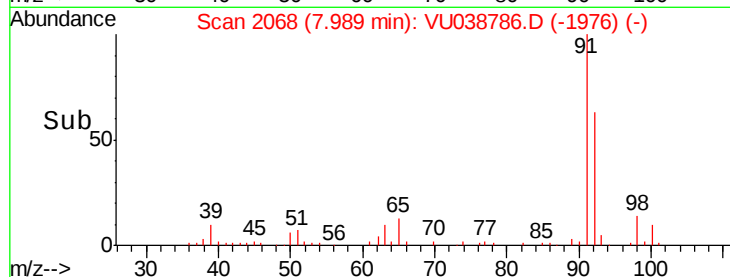
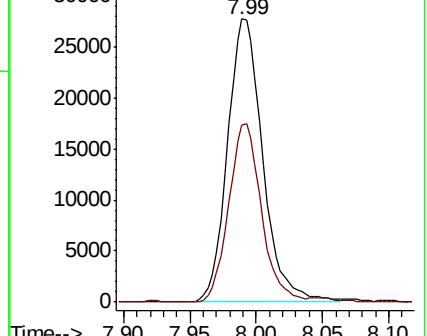
91 100

92 62.8 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038778.D (-2054) (-)

Ion 92.00 (91.70 to 92.70): VU038778.D (-2054) (-)



#52

Ethylbenzene

Concen: 5.571 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038786.D

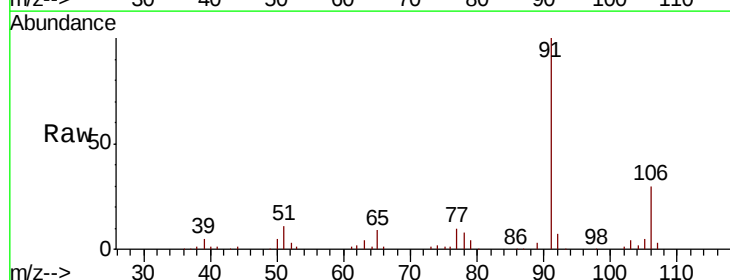
Acq: 10 Jun 2020 19:18

Tgt Ion: 91 Resp: 105908

Ion Ratio Lower Upper

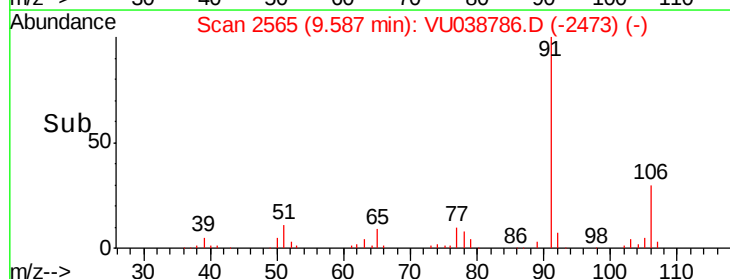
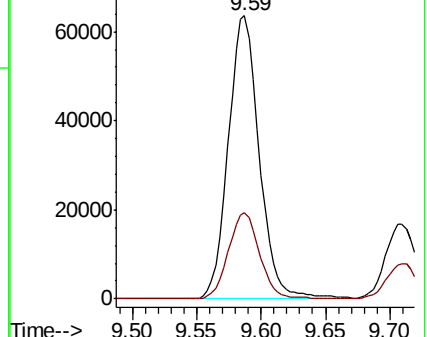
91 100

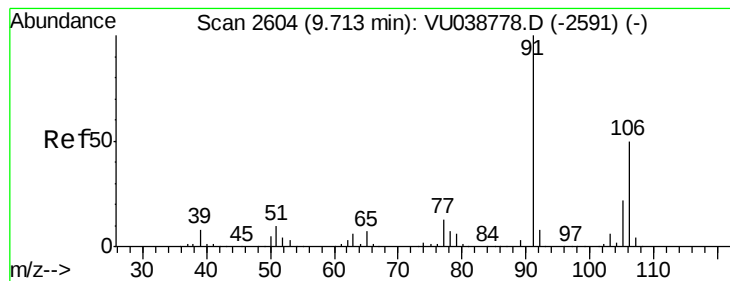
106 30.3 21.5 39.9



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

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





#53

m,p-Xylene

Concen: 1.776 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038786.D

Acq: 10 Jun 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

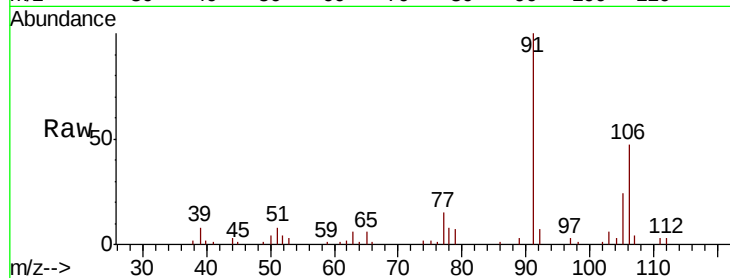
F9E49DL

Tot Ion:106 Resp: 12958

Ion Ratio Lower Upper

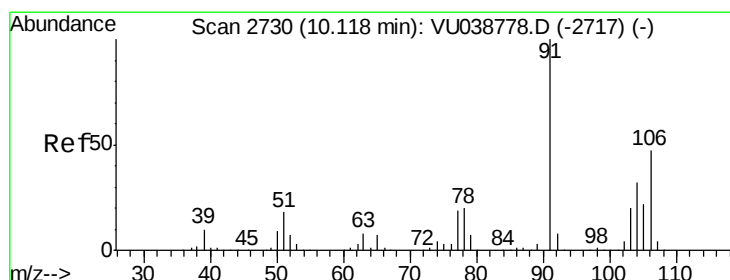
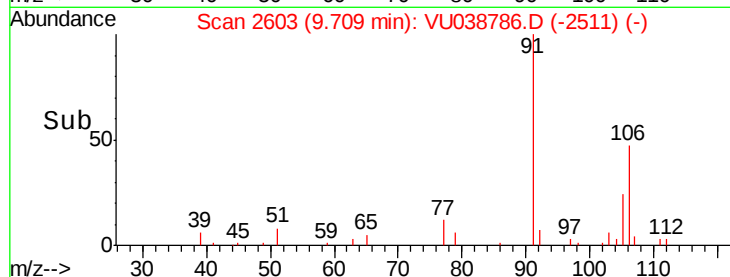
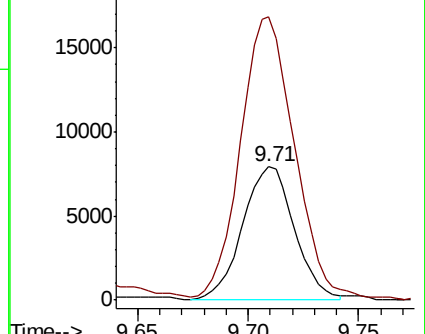
106 100

91 212.4 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.766 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU038786.D

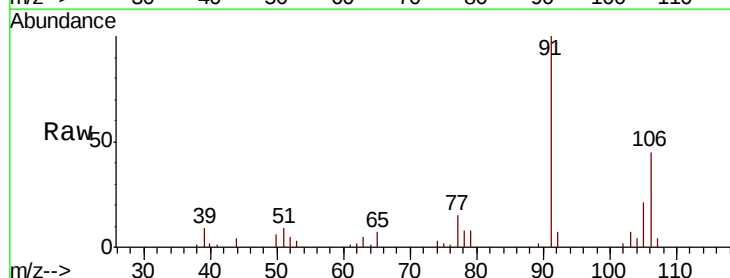
Acq: 10 Jun 2020 19:18

Tgt Ion:106 Resp: 12511

Ion Ratio Lower Upper

106 100

91 222.2 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

