

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040603.D
 Acq On : 09 Oct 2020 23:24
 Operator : SY/MD
 Sample : L4352-17MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ09MSD

Quant Time: Oct 10 06:24:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 05:58:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136904	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136113	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49556	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.92	69	42060	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.58	63	100354	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.66	46	197942	54.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.06%
24) Chloroform-d	5.08	84	97013	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.72	65	60470	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.75	84	179448	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	62205	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	145919	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.19	79	24668	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.64	63	142596	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53753	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	59572	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

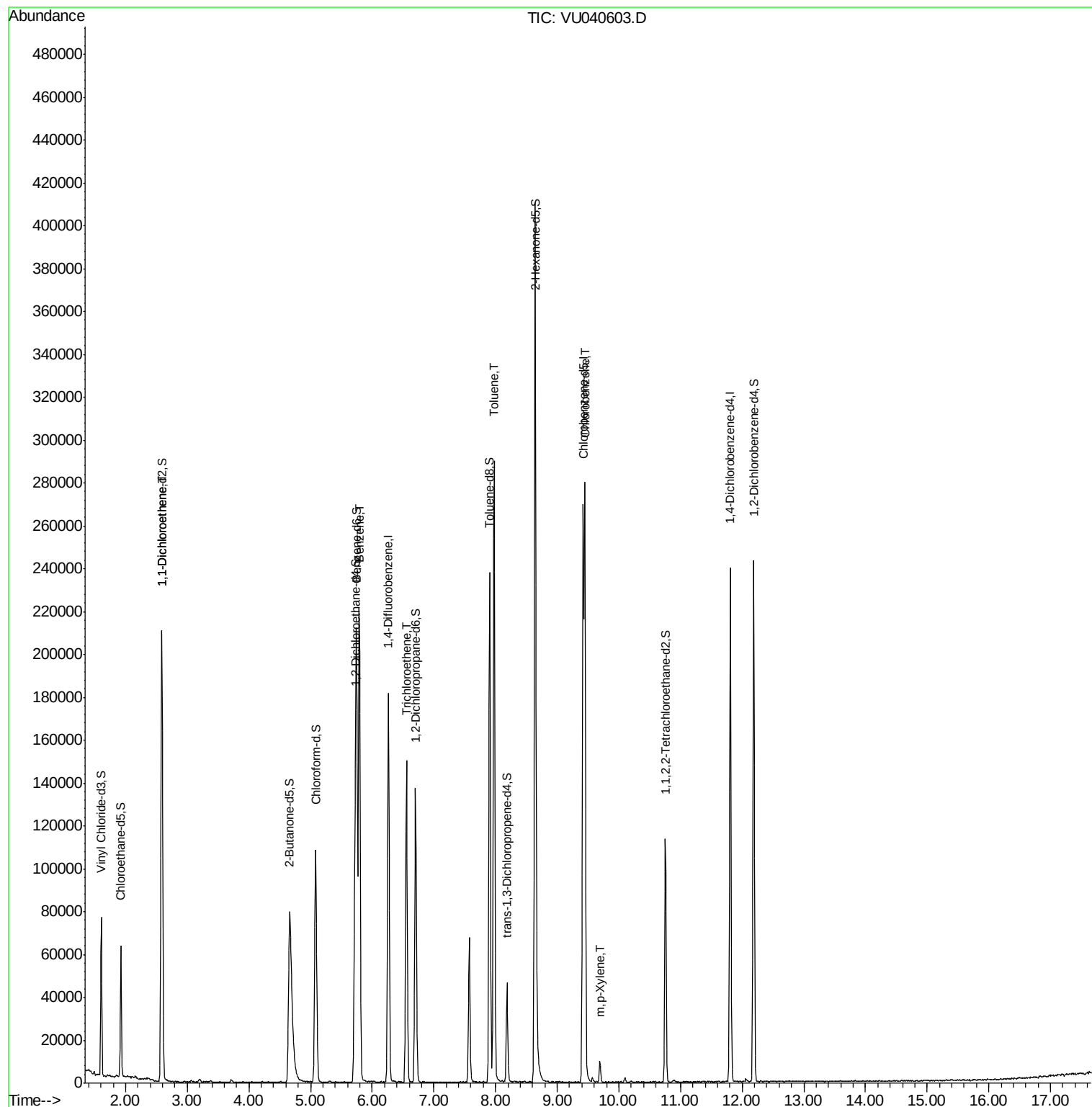
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	43918	4.496	ug/L	94
33) Benzene	5.79	78	199033	4.551	ug/L	100
34) Trichloroethene	6.56	95	49583	4.374	ug/L	97
42) Toluene	7.98	91	197040	4.422	ug/L	98
51) Chlorobenzene	9.45	112	136827	4.662	ug/L	98
53) m,p-Xylene	9.69	106	2566	0.146	ug/L	98

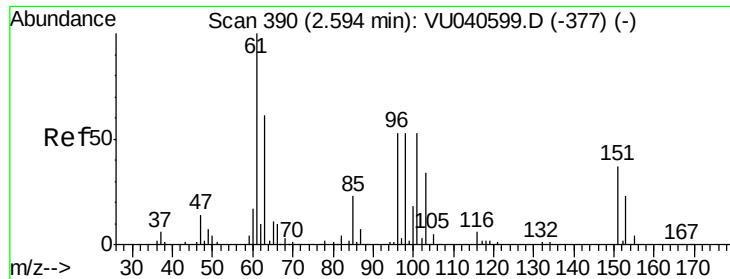
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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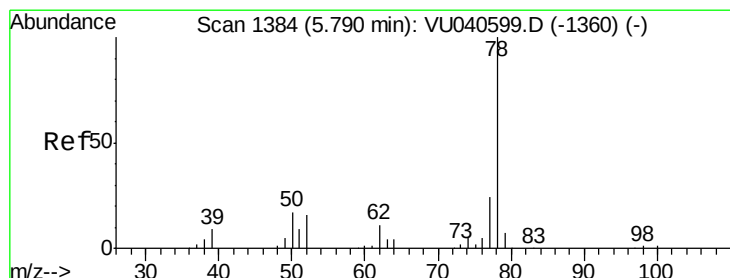
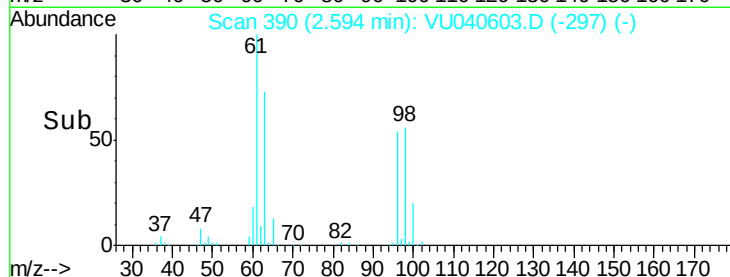
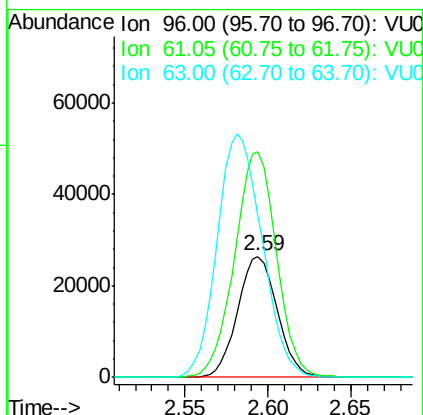
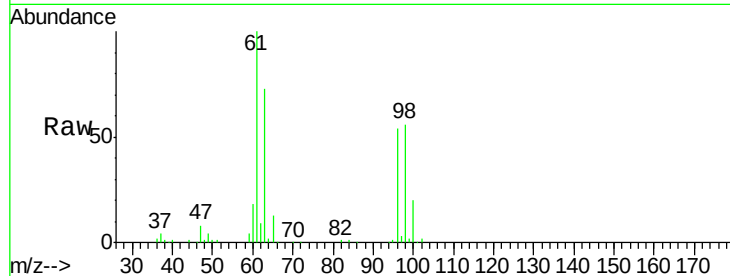




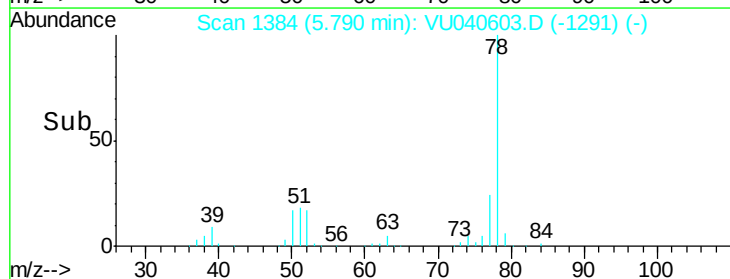
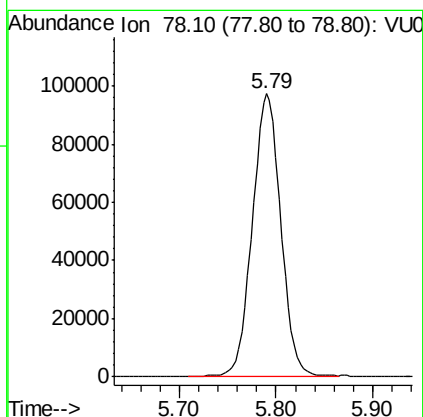
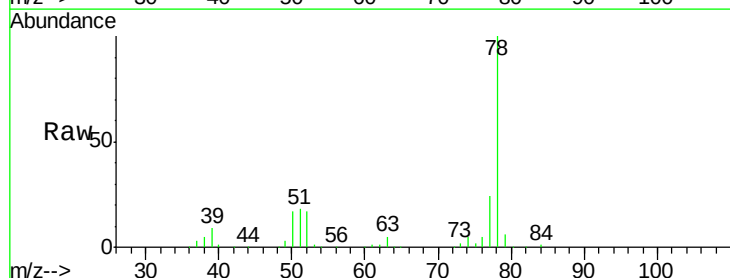
#12
 1,1-Dichloroethene
 Concen: 4.496 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040603.D
 Acq: 09 Oct 2020 23:24

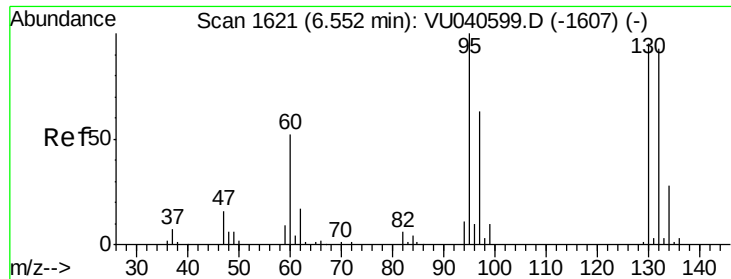
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ09MSD

Tot Ion: 96 Resp: 43918
 Ion Ratio Lower Upper
 96 100
 61 185.9 128.8 239.2
 63 134.8 84.6 157.2



#33
 Benzene
 Concen: 4.551 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: VU040603.D
 Acq: 09 Oct 2020 23:24
 Tgt Ion: 78 Resp: 199033





#34

Trichloroethene

Concen: 4.374 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040603.D

Acq: 09 Oct 2020 23:24

Instrument :

MSVOA_U

ClientSampleId :

ETZ09MSD

Tot Ion: 95 Resp: 49583

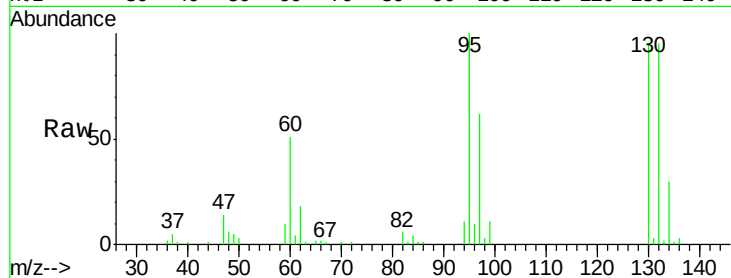
Ion Ratio Lower Upper

95 100

97 62.2 45.5 84.5

132 94.8 67.5 125.4

130 95.3 69.9 129.9

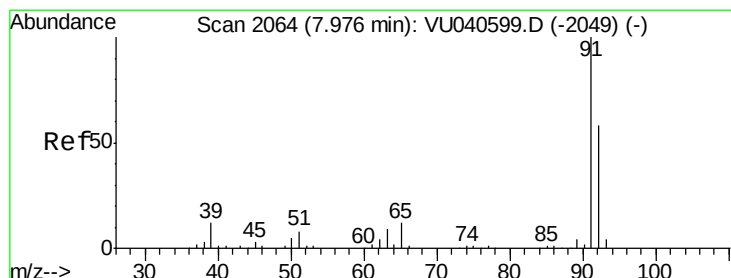
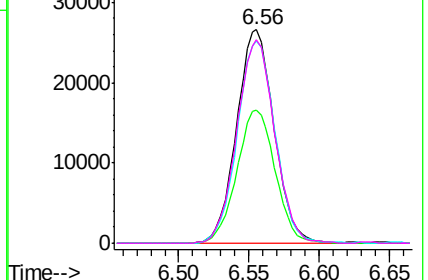
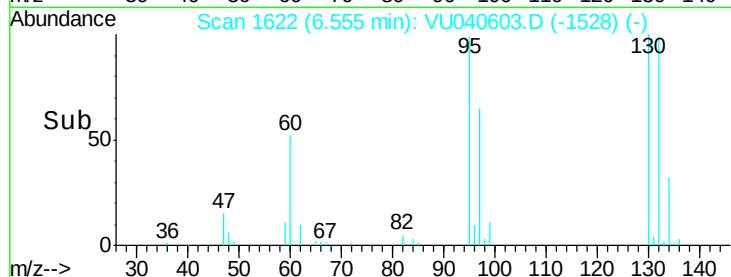


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.422 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040603.D

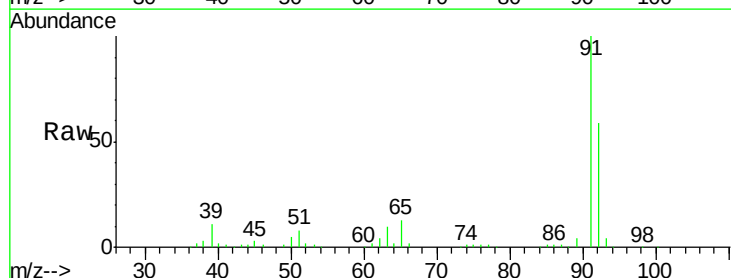
Acq: 09 Oct 2020 23:24

Tgt Ion: 91 Resp: 197040

Ion Ratio Lower Upper

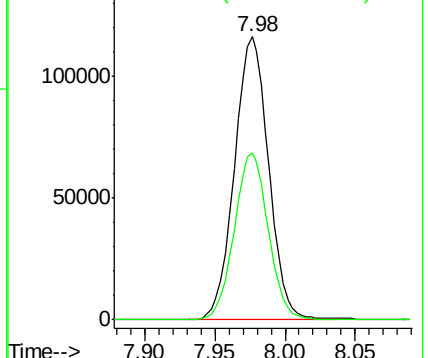
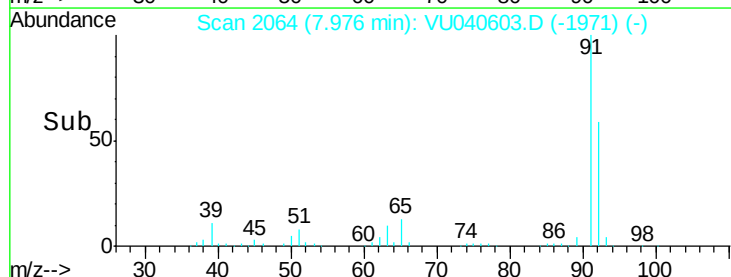
91 100

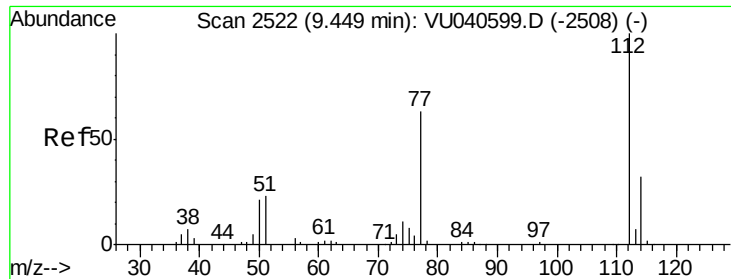
92 59.2 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 4.662 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040603.D

Acq: 09 Oct 2020 23:24

Instrument :

MSVOA_U

ClientSampleId :

ETZ09MSD

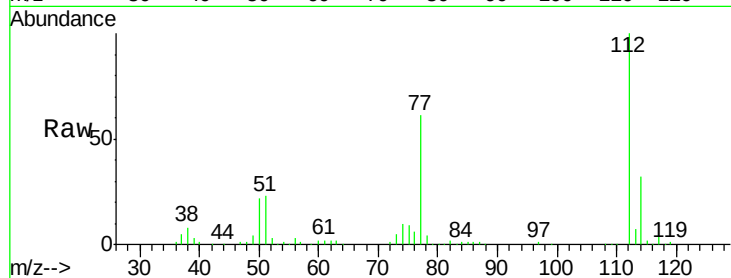
Tot Ion:112 Resp: 136827

Ion Ratio Lower Upper

112 100

114 32.4 23.1 42.9

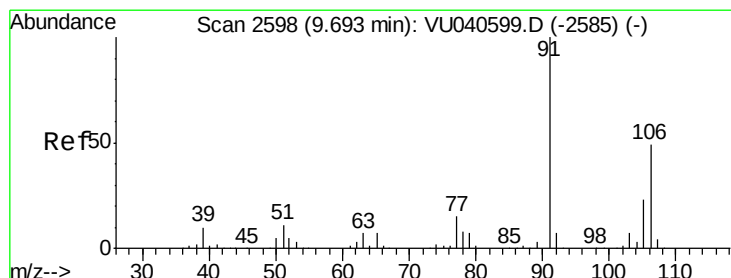
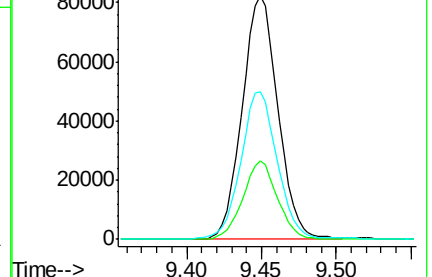
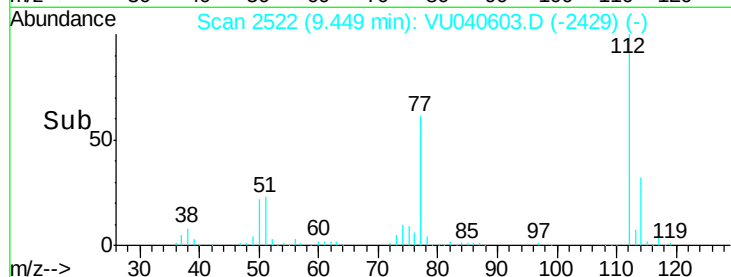
77 60.6 50.3 75.5



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



#53

m,p-Xylene

Concen: 0.146 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040603.D

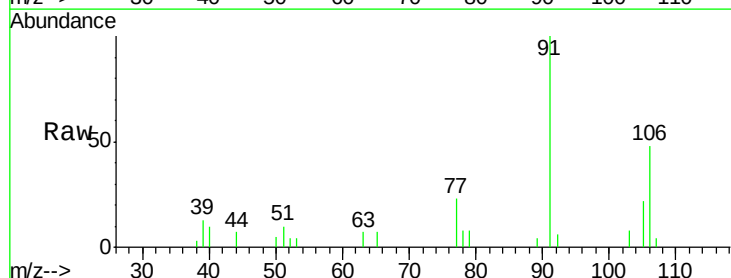
Acq: 09 Oct 2020 23:24

Tgt Ion:106 Resp: 2566

Ion Ratio Lower Upper

106 100

91 208.4 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

