

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040602.D
 Acq On : 09 Oct 2020 23:01
 Operator : SY/MD
 Sample : L4352-16MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ09MS

Quant Time: Oct 10 06:20:38 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	131114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135206	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	49337	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.92	69	40606	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	97208	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.66	46	187752	54.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.00%
24) Chloroform-d	5.08	84	93150	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	58933	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.75	84	177116	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	61406	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.91	98	145109	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.19	79	23849	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	138258	52.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53378	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	58603	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

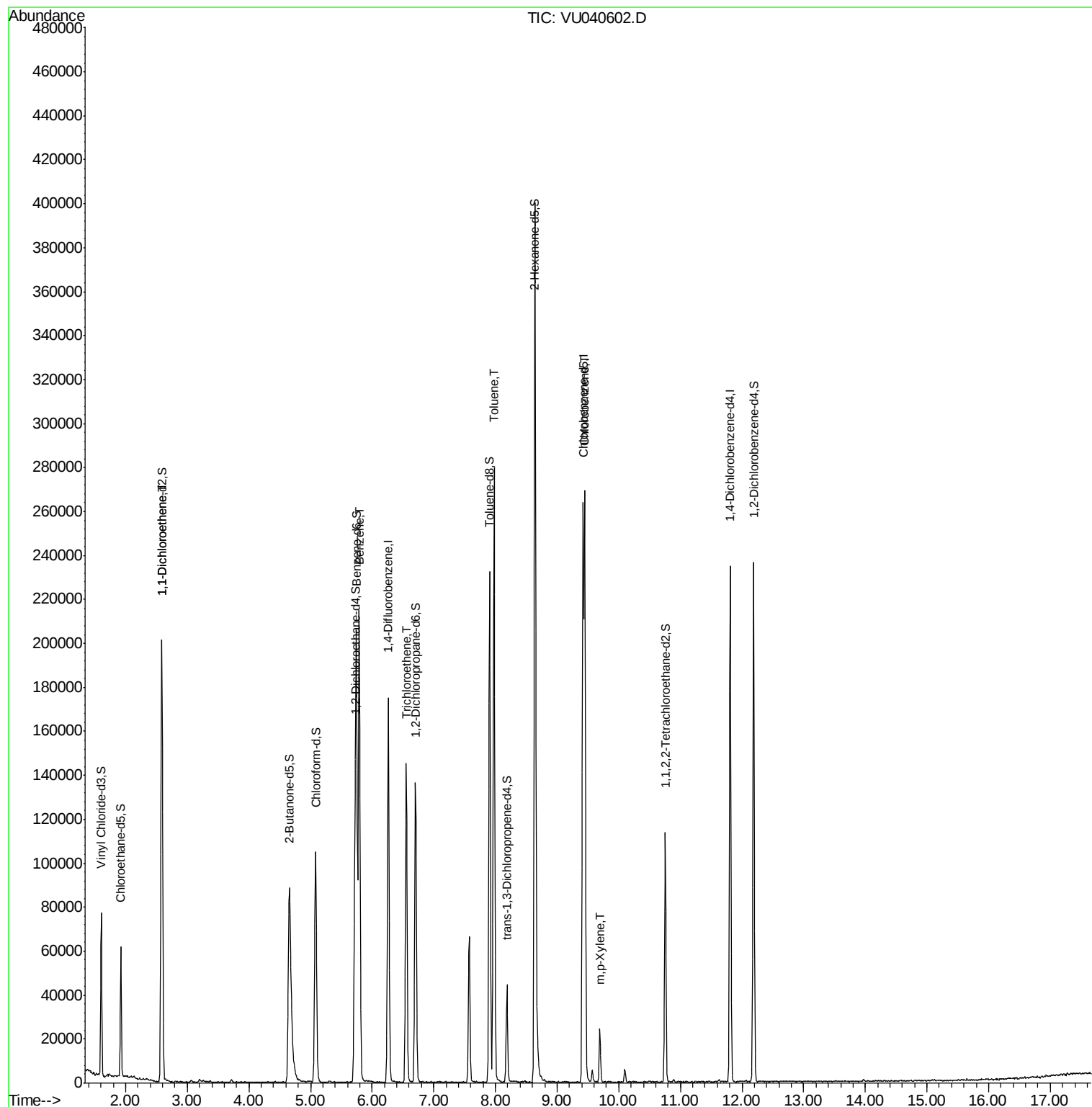
					Ovalue
12) 1,1-Dichloroethene	2.59	96	40827	4.364 ug/L	92
33) Benzene	5.79	78	192108	4.423 ug/L	100
34) Trichloroethene	6.56	95	47120	4.185 ug/L	97
42) Toluene	7.98	91	187262	4.231 ug/L	99
51) Chlorobenzene	9.45	112	128654	4.413 ug/L	99
53) m,p-Xylene	9.69	106	6696	0.383 ug/L	98

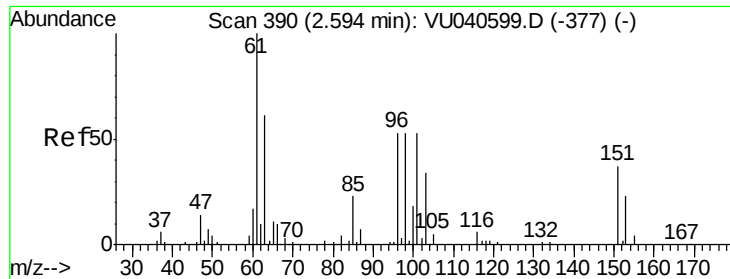
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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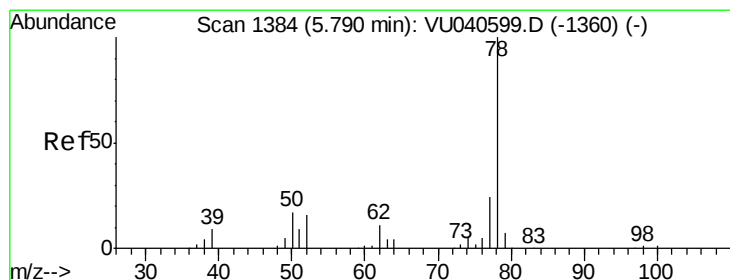
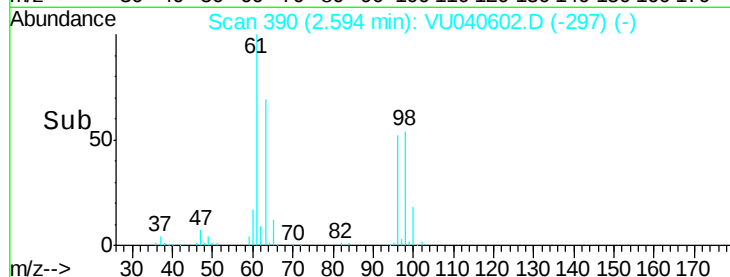
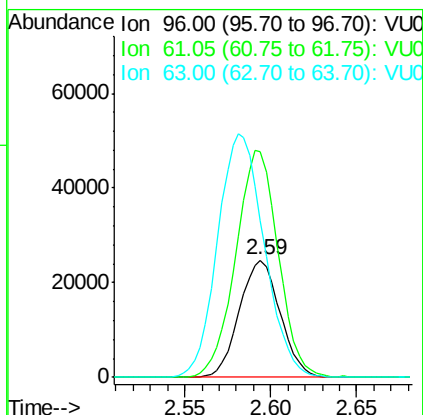
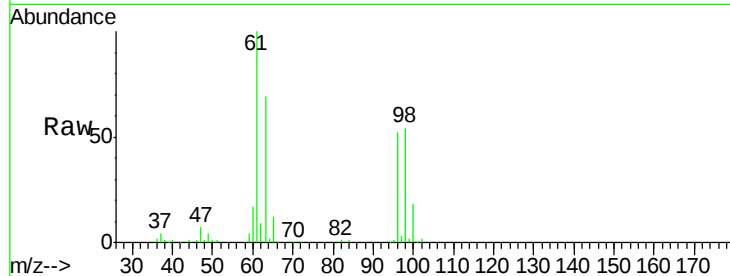




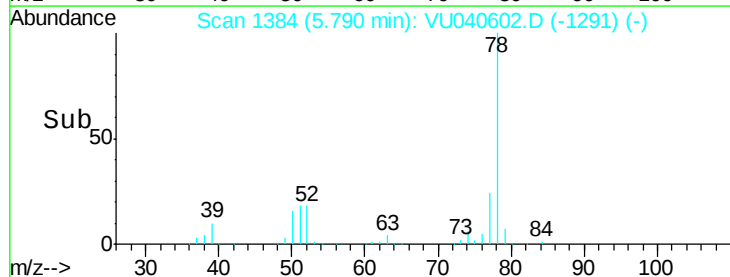
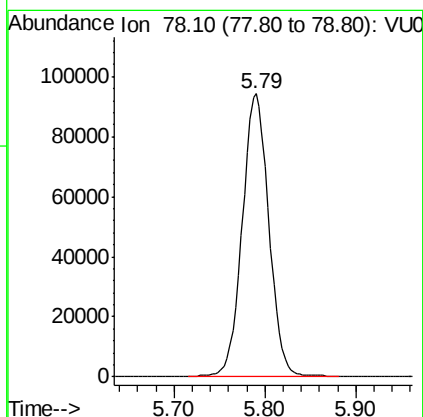
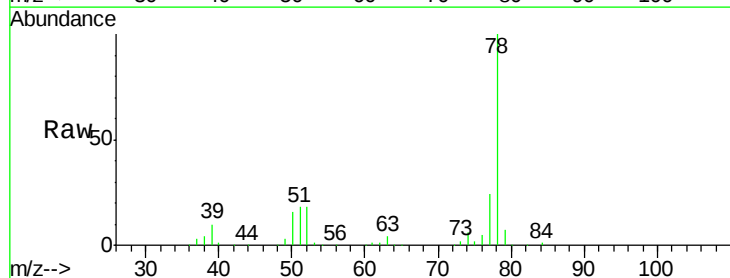
#12
 1,1-Dichloroethene
 Concen: 4.364 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040602.D
 Acq: 09 Oct 2020 23:01

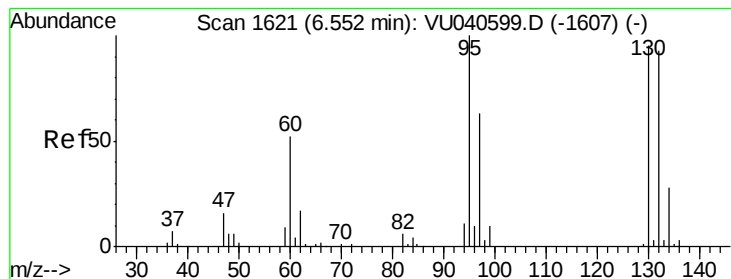
Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ09MS

Tot Ion: 96 Resp: 40827
 Ion Ratio Lower Upper
 96 100
 61 193.2 128.8 239.2
 63 133.7 84.6 157.2



#33
 Benzene
 Concen: 4.423 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: VU040602.D
 Acq: 09 Oct 2020 23:01
 Tgt Ion: 78 Resp: 192108





#34

Trichloroethene

Concen: 4.185 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040602.D

Acq: 09 Oct 2020 23:01

Instrument :

MSVOA_U

ClientSampleId :

ETZ09MS

Tot Ion: 95 Resp: 47120

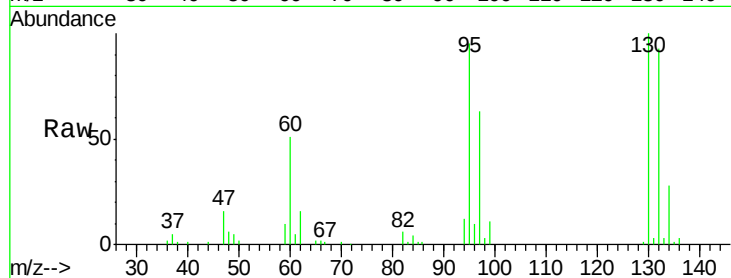
Ion Ratio Lower Upper

95 100

97 66.2 45.5 84.5

132 97.5 67.5 125.4

130 104.7 69.9 129.9

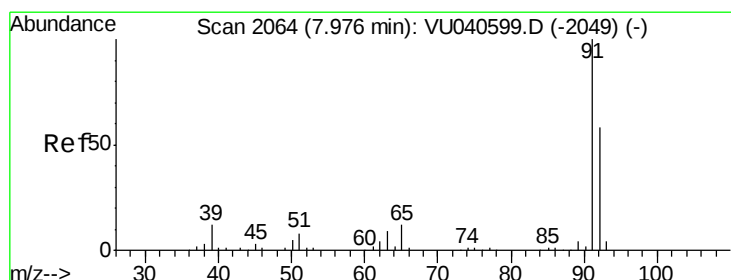
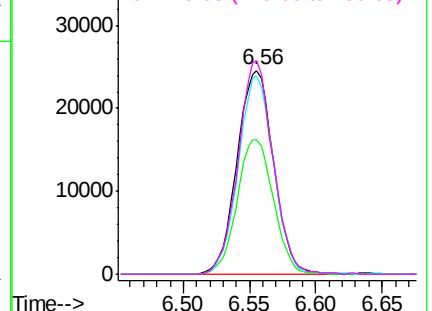
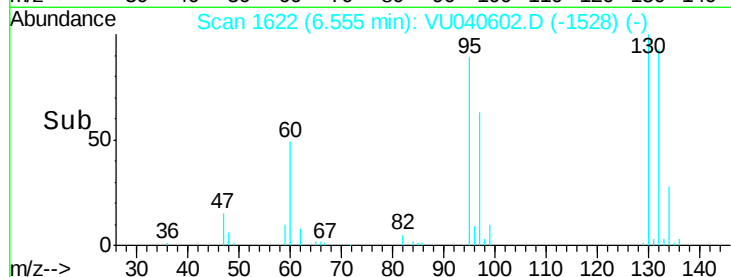


Abundance Ion 95.00 (94.70 to 95.70): VU040602.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040602.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040602.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040602.D (-1528) (-)



#42

Toluene

Concen: 4.231 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040602.D

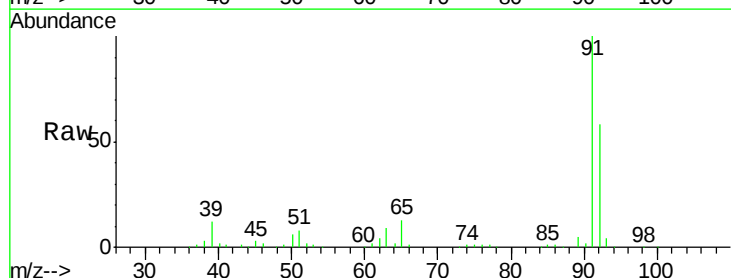
Acq: 09 Oct 2020 23:01

Tgt Ion: 91 Resp: 187262

Ion Ratio Lower Upper

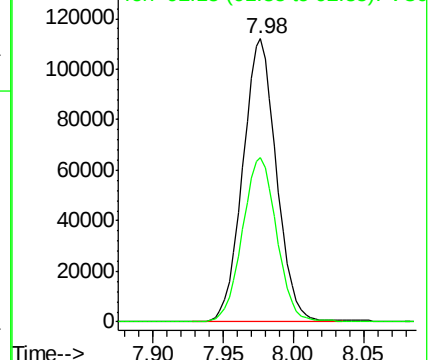
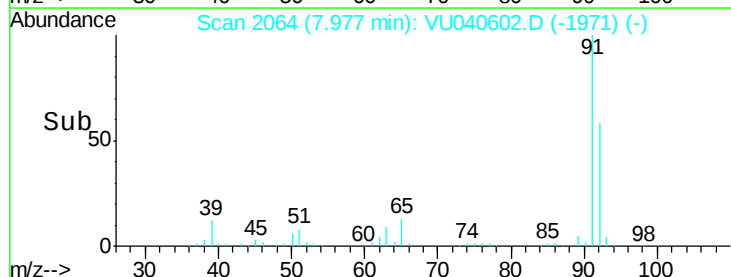
91 100

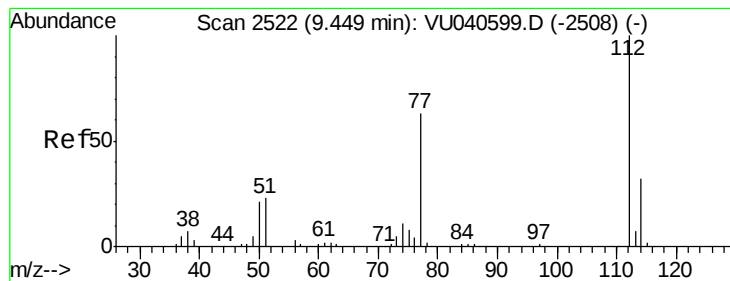
92 57.9 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU040602.D (-1971) (-)

Ion 92.15 (91.85 to 92.85): VU040602.D (-1971) (-)





#51

Chlorobenzene

Concen: 4.413 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040602.D

Acq: 09 Oct 2020 23:01

Instrument :

MSVOA_U

ClientSampleId :

ETZ09MS

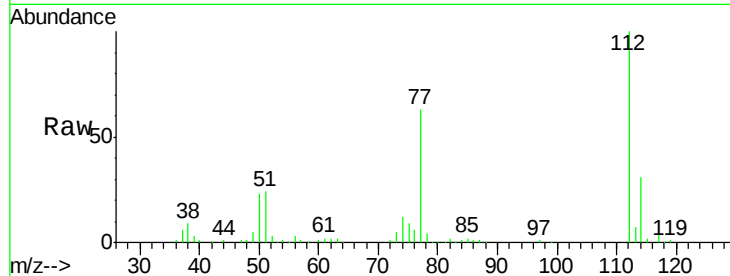
Tot Ion:112 Resp: 128654

Ion Ratio Lower Upper

112 100

114 31.2 23.1 42.9

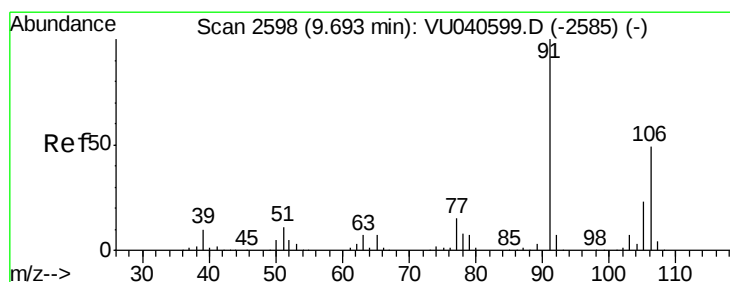
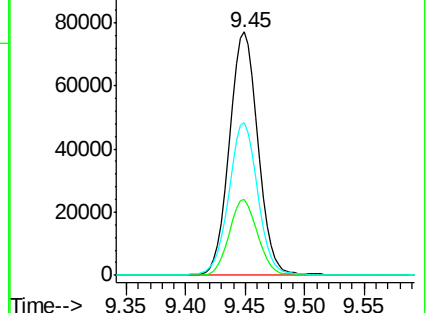
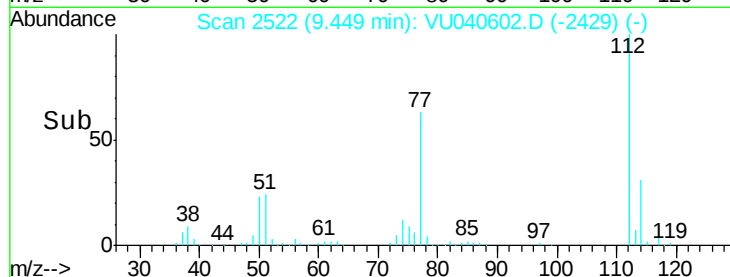
77 62.8 50.3 75.5



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: 0.383 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040602.D

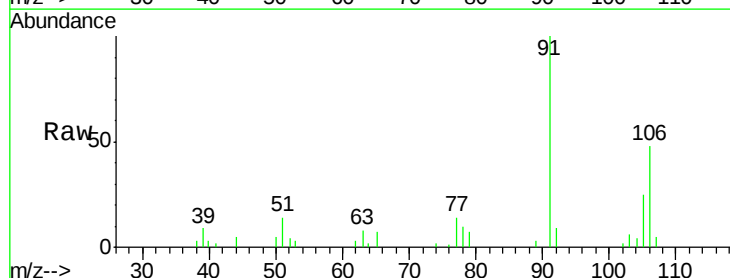
Acq: 09 Oct 2020 23:01

Tgt Ion:106 Resp: 6696

Ion Ratio Lower Upper

106 100

91 208.5 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

