

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040610.D
 Acq On : 10 Oct 2020 02:06
 Operator : SY/MD
 Sample : L4352-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYZ6

Quant Time: Oct 10 06:50:48 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	129581	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	47684	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.92	69	40295	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	75108	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.67	46	191395	55.70	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.40%
24) Chloroform-d	5.08	84	95925	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.72	65	59258	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.74	84	175511	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.70	67	59429	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.91	98	139878	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.19	79	22998	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	136022	51.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52936	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	57140	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

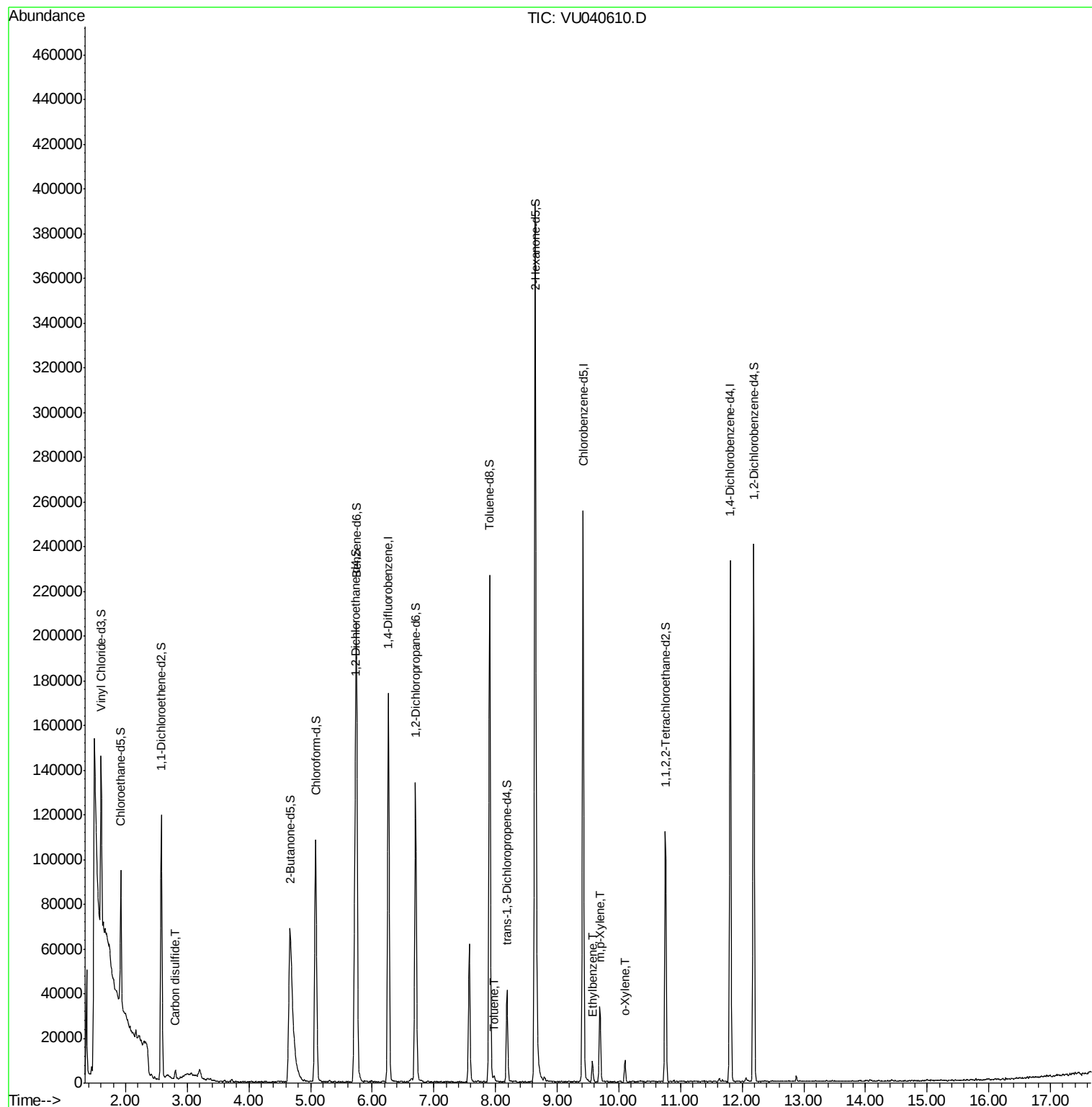
					Ovalue
14) Carbon disulfide	2.81	76	5237	0.202 ug/L	# 91
42) Toluene	7.98	91	1767	0.040 ug/L	84
52) Ethylbenzene	9.57	91	6378	0.134 ug/L	90
53) m,p-Xylene	9.69	106	9357	0.540 ug/L	98
54) o-Xylene	10.10	106	2461	0.148 ug/L	93

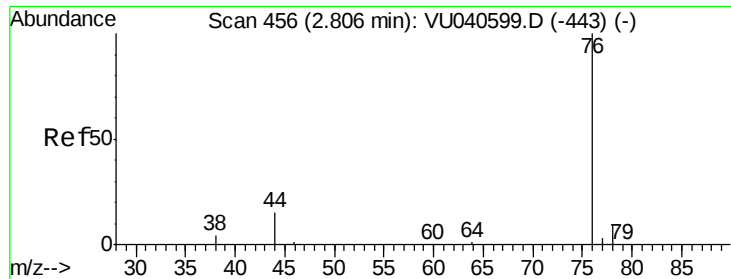
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.202 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040610.D

Acq: 10 Oct 2020 02:06

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ClientSampleId :

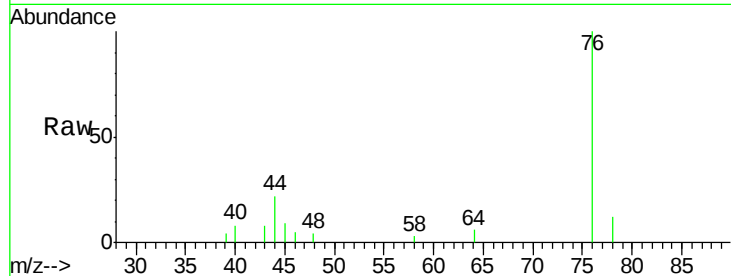
ETYZ6

Tot Ion: 76 Resp: 5237

Ion Ratio Lower Upper

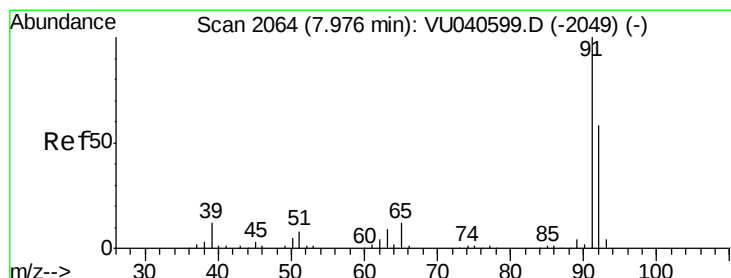
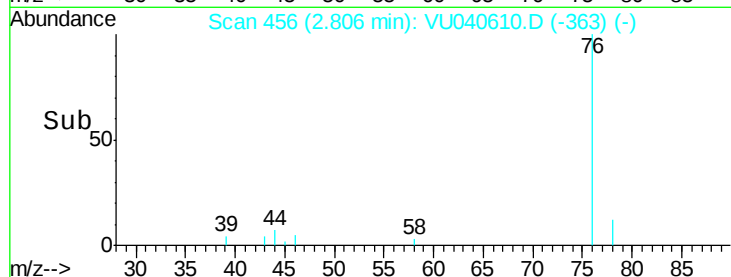
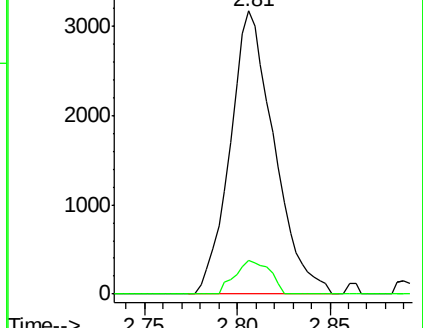
76 100

78 11.7 6.8 10.2#



Abundance Ion 76.05 (75.75 to 76.75): VU040599.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU040599.D (-443) (-)



#42

Toluene

Concen: 0.040 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040610.D

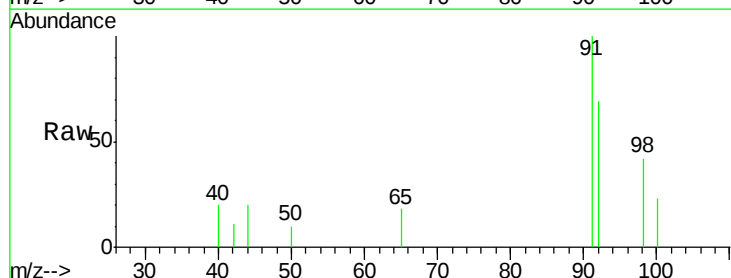
Acq: 10 Oct 2020 02:06

Tgt Ion: 91 Resp: 1767

Ion Ratio Lower Upper

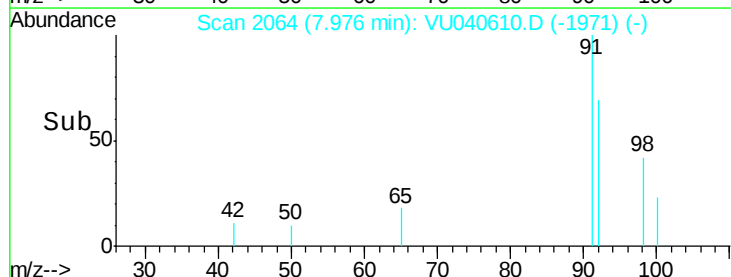
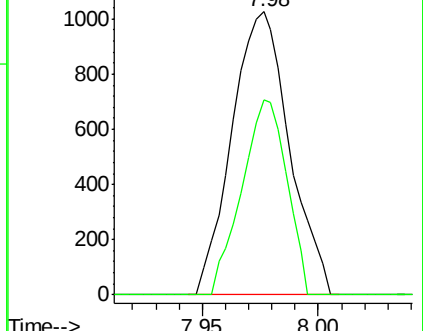
91 100

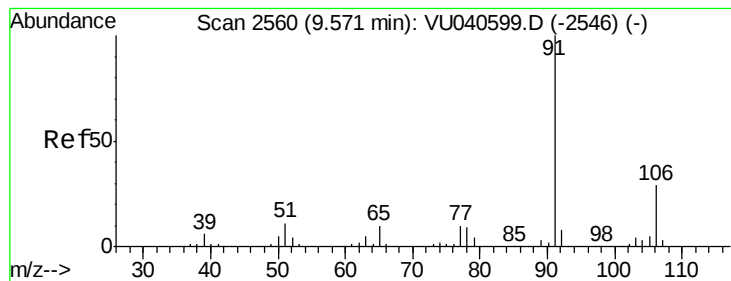
92 69.1 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU040599.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU040599.D (-2049) (-)





#52

Ethylbenzene

Concen: 0.134 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040610.D

Acq: 10 Oct 2020 02:06

Instrument :

MSVOA_U

ClientSampleId :

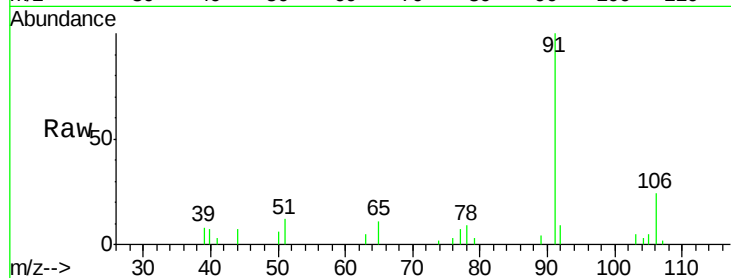
ETYZ6

Tot Ion: 91 Resp: 6378

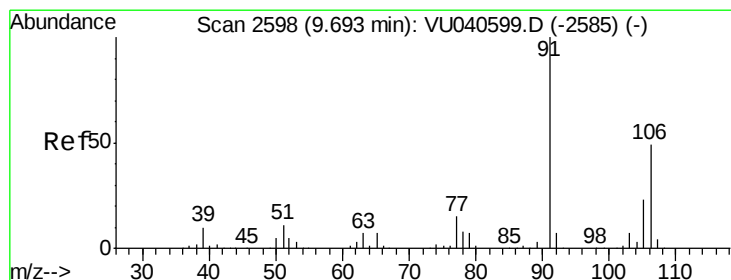
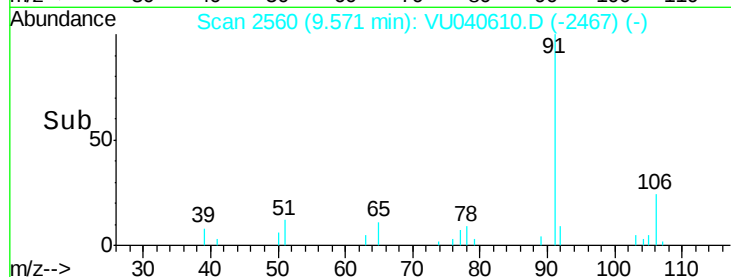
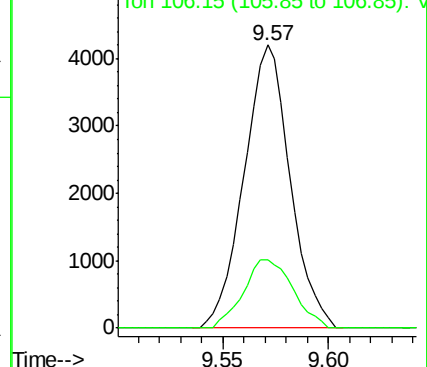
Ion Ratio Lower Upper

91 100

106 23.9 20.7 38.5



Abundance Ion 91.15 (90.85 to 91.85): VU040599.D (-2546) (-)



#53

m,p-Xylene

Concen: 0.540 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040610.D

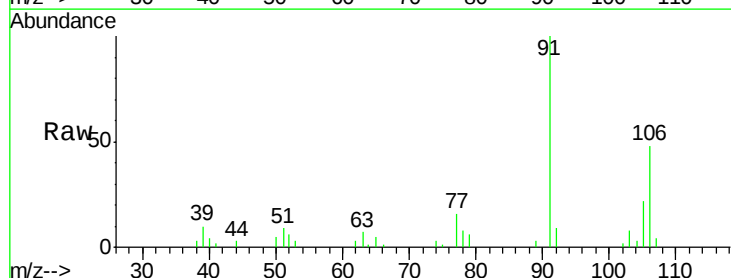
Acq: 10 Oct 2020 02:06

Tgt Ion: 106 Resp: 9357

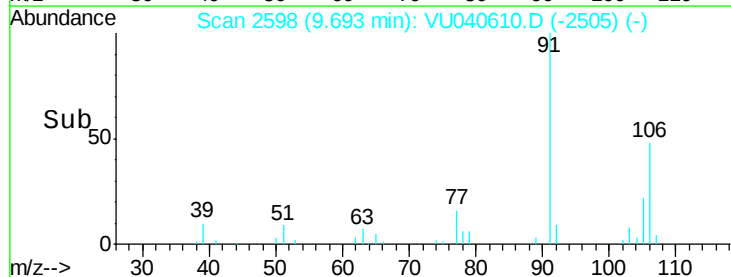
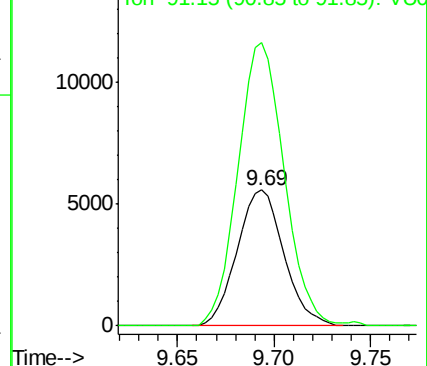
Ion Ratio Lower Upper

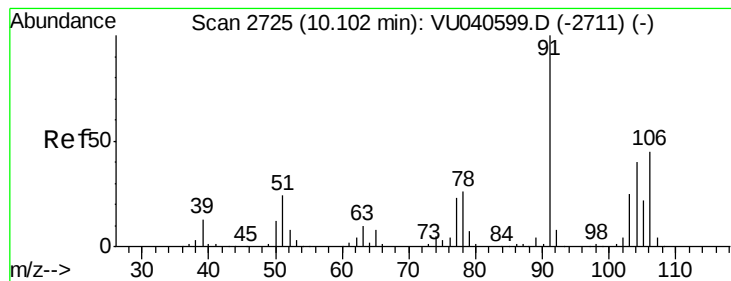
106 100

91 208.7 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040599.D (-2585) (-)





#54
 o-Xylene
 Concen: 0.148 ug/L
 RT: 10.10 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VU040610.D
 Acq: 10 Oct 2020 02:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYZ6

Tot Ion:106 Resp: 2461
 Ion Ratio Lower Upper
 106 100
 91 241.0 160.2 297.4

