

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120920\
 Data File : VU041510.D
 Acq On : 09 Dec 2020 13:26
 Operator : SY/MD
 Sample : L4979-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1G4

Quant Time: Dec 10 06:30:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	62762	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63407	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31341	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8161	2.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.60%
7) Chloroethane-d5	1.92	69	9817	3.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.40%
11) 1,1-Dichloroethene-d2	2.58	63	17799	2.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.60%#
20) 2-Butanone-d5	4.66	46	38548	31.89	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.78%
24) Chloroform-d	5.08	84	32810	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.72	65	21868	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
32) Benzene-d6	5.74	84	47492	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.20%#
36) 1,2-Dichloropropane-d6	6.70	67	13902	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.40%
41) Toluene-d8	7.91	98	44451	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.20%#
43) trans-1,3-Dichloropropene-	8.19	79	8482	3.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.20%
46) 2-Hexanone-d5	8.64	63	30326	29.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	14262	3.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.60%#
64) 1,2-Dichlorobenzene-d4	12.19	152	19685	3.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.40%#

Target Compounds

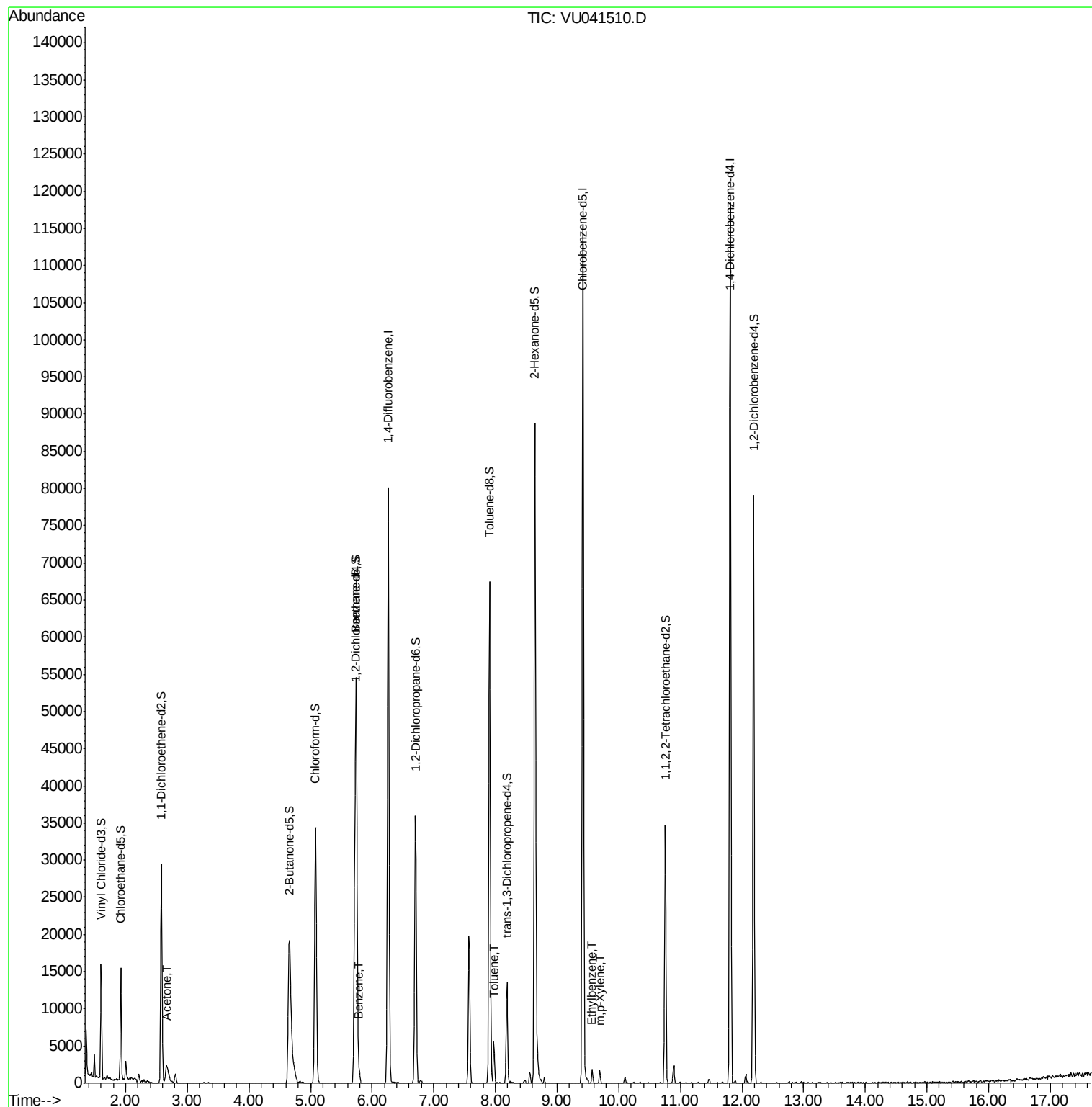
					Ovalue
13) Acetone	2.66	43	6408	6.809	ug/L 74
33) Benzene	5.79	78	1991	0.127	ug/L 100
42) Toluene	7.98	91	3984	0.226	ug/L 96
52) Ethylbenzene	9.57	91	1518	0.075	ug/L # 73
53) m,p-Xylene	9.69	106	631	0.086	ug/L 91

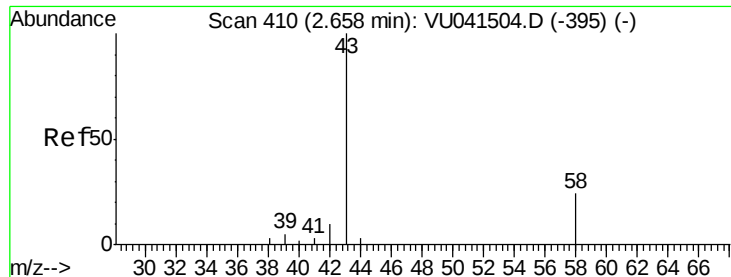
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.809 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

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Acq: 09 Dec 2020 13:26

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ClientSampleId :

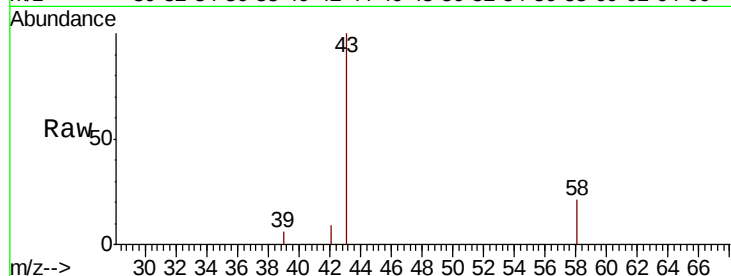
GB1G4

Tot Ion: 43 Resp: 6408

Ion Ratio Lower Upper

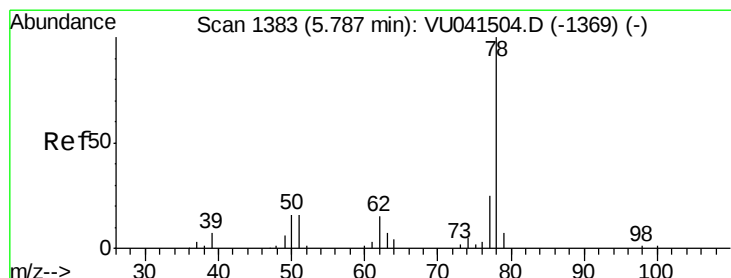
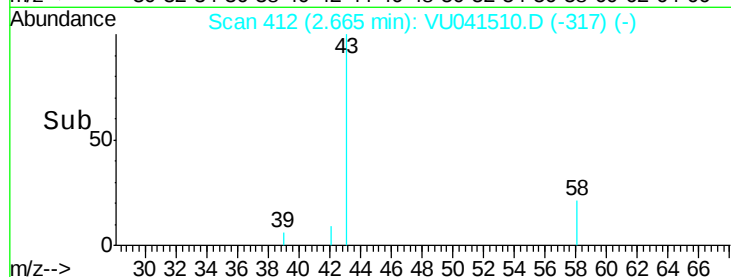
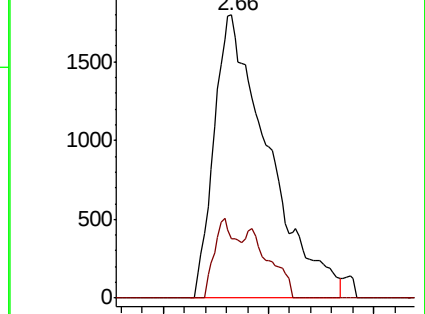
43 100

58 11.8 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU041510.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU041510.D (-317) (-)



#33

Benzene

Concen: 0.127 ug/L

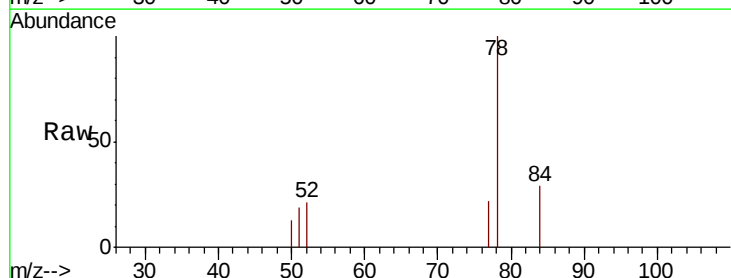
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

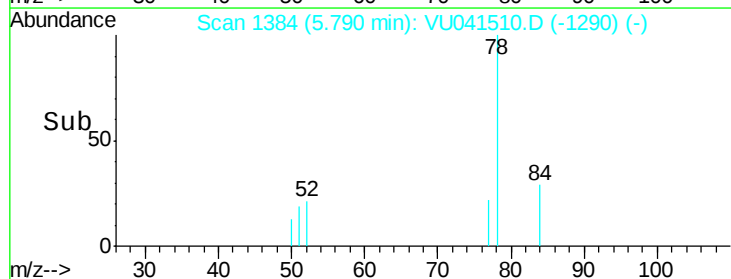
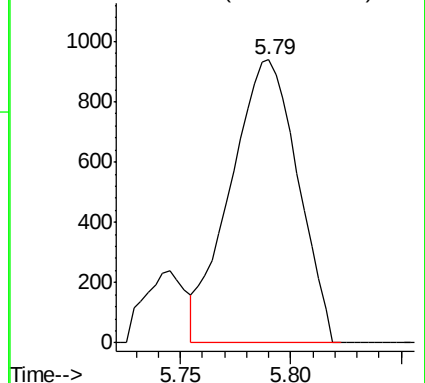
Lab File: VU041510.D

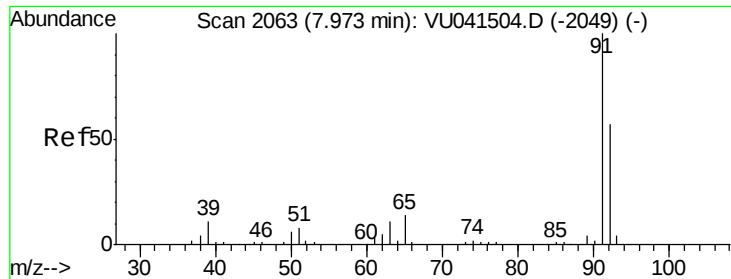
Acq: 09 Dec 2020 13:26

Tgt Ion: 78 Resp: 1991



Abundance Ion 78.10 (77.80 to 78.80): VU041510.D (-1290) (-)





#42

Toluene

Concen: 0.226 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041510.D

Acq: 09 Dec 2020 13:26

Instrument :

MSVOA_U

ClientSampleId :

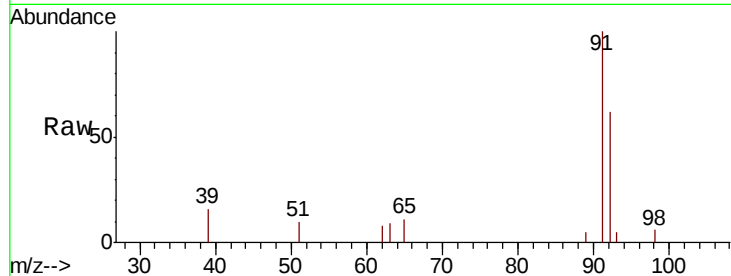
GB1G4

Tot Ion: 91 Resp: 3984

Ion Ratio Lower Upper

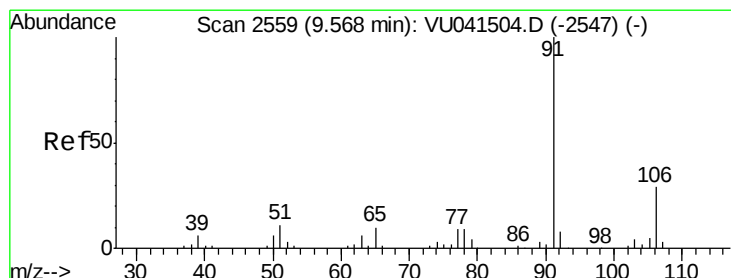
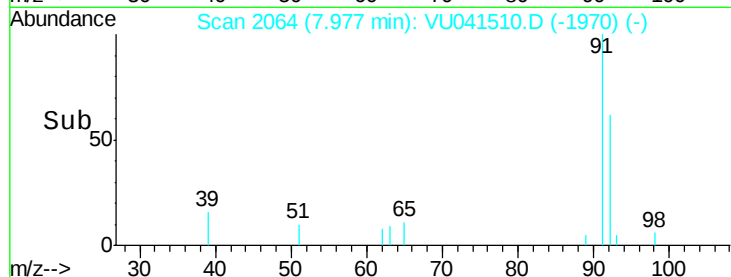
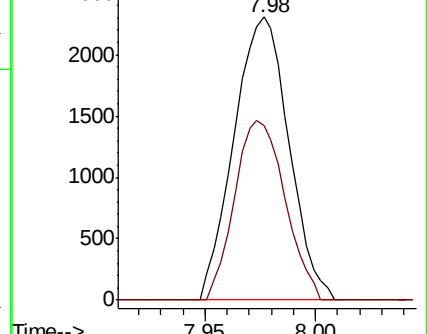
91 100

92 61.6 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#52

Ethylbenzene

Concen: 0.075 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041510.D

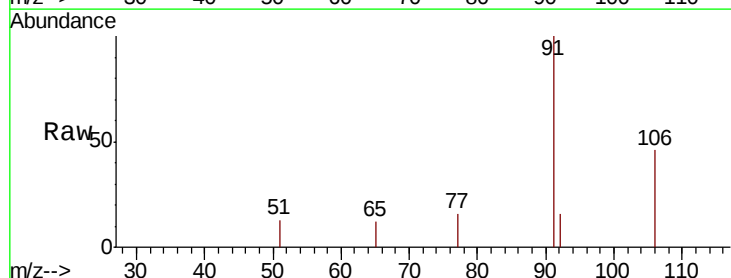
Acq: 09 Dec 2020 13:26

Tgt Ion: 91 Resp: 1518

Ion Ratio Lower Upper

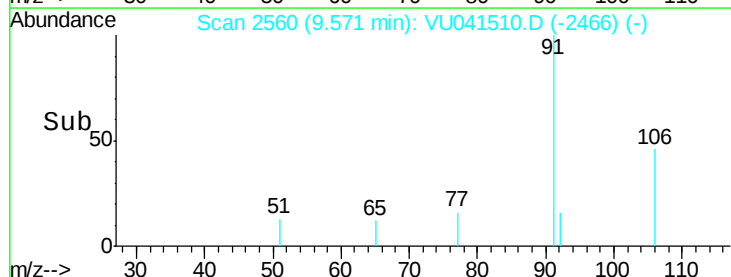
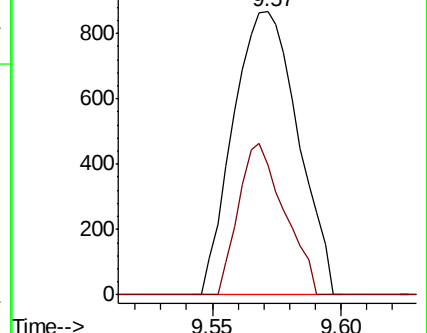
91 100

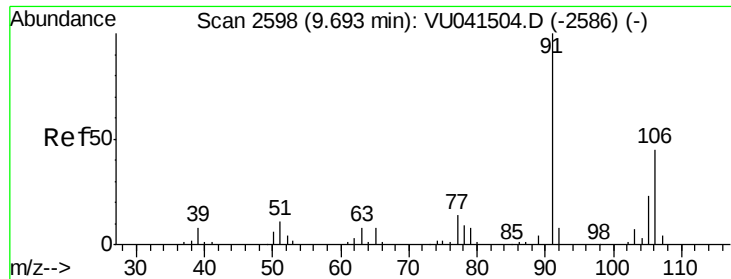
106 45.8 21.8 40.4#



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 0.086 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU041510.D

Acq: 09 Dec 2020 13:26

Instrument :
MSVOA_U
ClientSampleId :
GB1G4

Tot Ion:106 Resp: 631

Ion Ratio Lower Upper

106 100

91 202.9 151.8 282.0

