

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121020\
 Data File : VU041536.D
 Acq On : 10 Dec 2020 15:08
 Operator : SY/MD
 Sample : L4995-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS2

Quant Time: Dec 11 06:46:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	44862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	37437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	19898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	6879	2.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.80%
7) Chloroethane-d5	1.92	69	8637	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.58	63	16027	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.66	46	35890	41.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.08%
24) Chloroform-d	5.08	84	30234	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	20267	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.75	84	44056	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.70	67	12394	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.90	98	35965	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.19	79	6579	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	24425	40.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	11078	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	17968	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

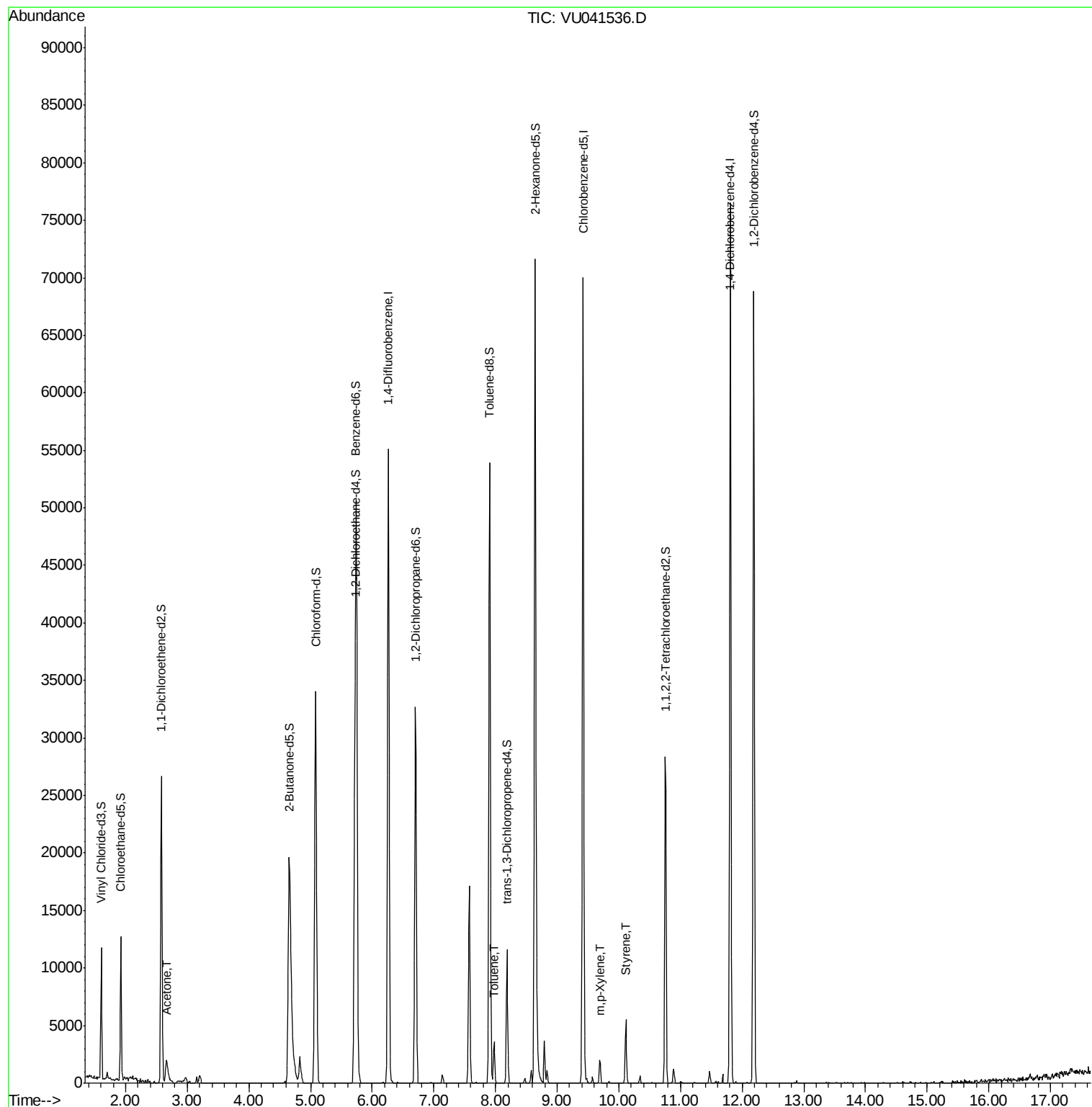
					Ovalue
13) Acetone	2.67	43	4535	6.742	ug/L 91
42) Toluene	7.98	91	2589	0.248	ug/L 93
53) m,p-Xylene	9.69	106	738	0.170	ug/L 97
55) Styrene	10.11	104	2670	0.374	ug/L 93

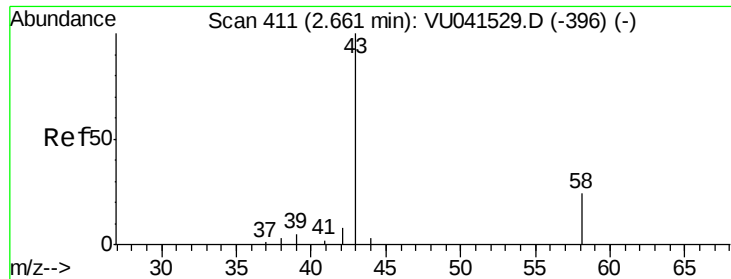
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.742 ug/L

RT: 2.67 min Scan# 412

Delta R.T. 0.00 min

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ClientSampleId :

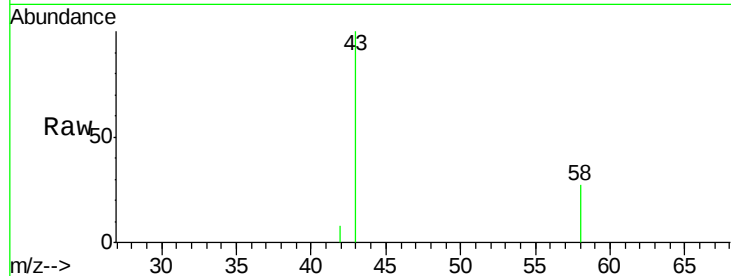
C0AS2

Tot Ion: 43 Resp: 4535

Ion Ratio Lower Upper

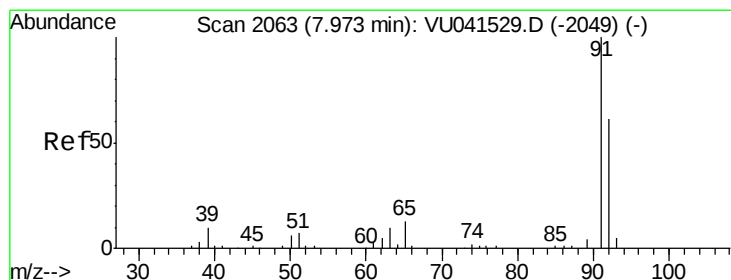
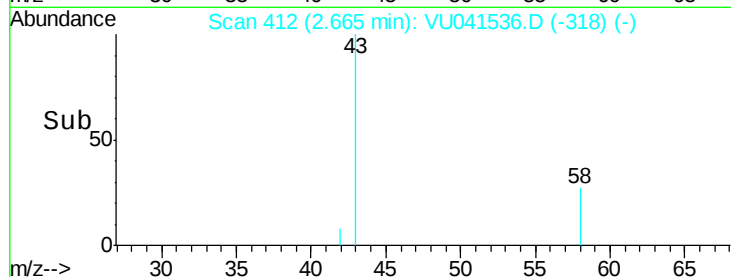
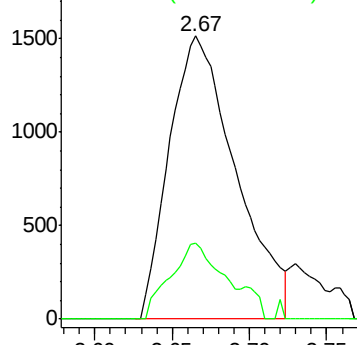
43 100

58 20.6 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#42

Toluene

Concen: 0.248 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041536.D

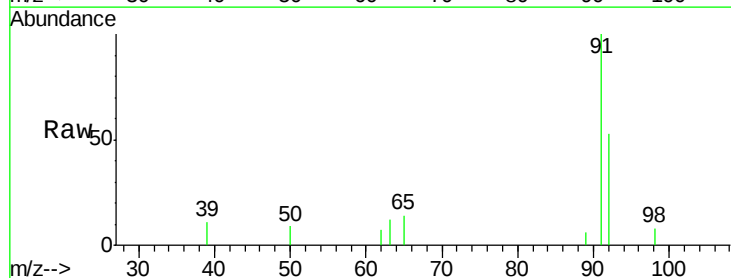
Acq: 10 Dec 2020 15:08

Tgt Ion: 91 Resp: 2589

Ion Ratio Lower Upper

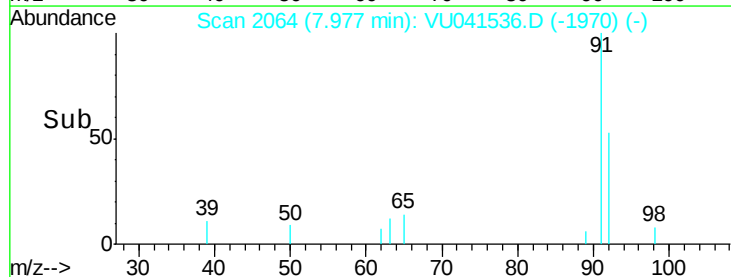
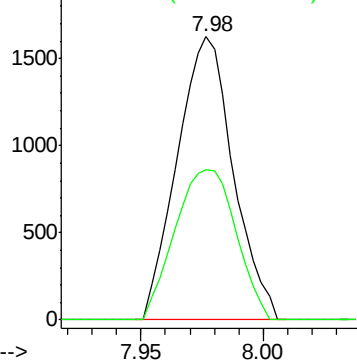
91 100

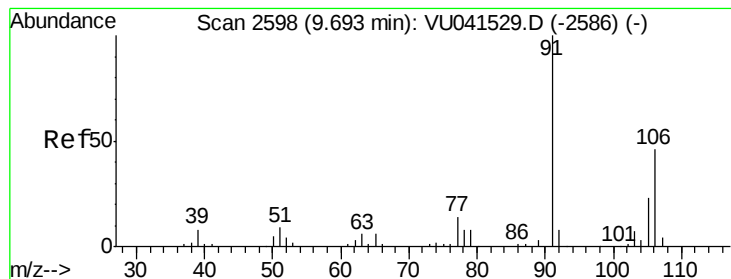
92 52.9 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#53

m,p-Xylene

Concen: 0.170 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

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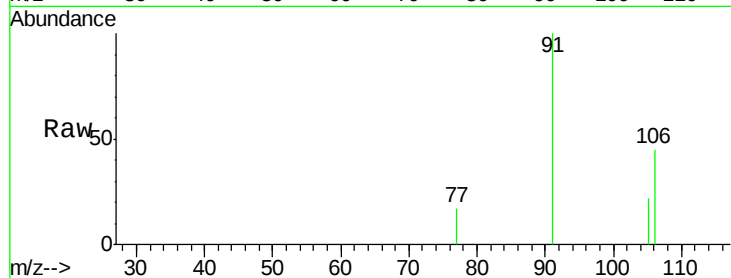
C0AS2

Tot Ion:106 Resp: 738

Ion Ratio Lower Upper

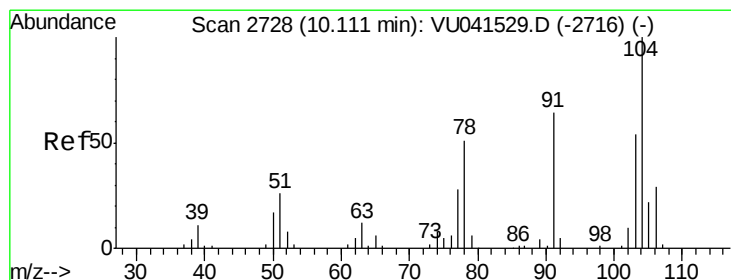
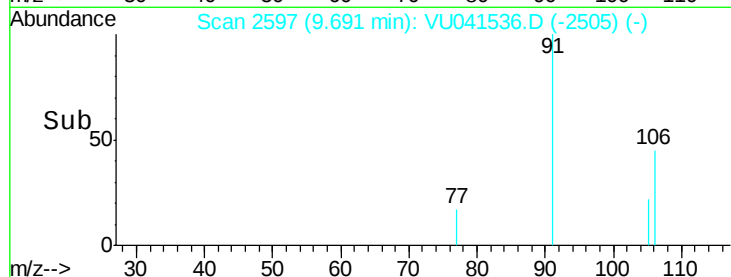
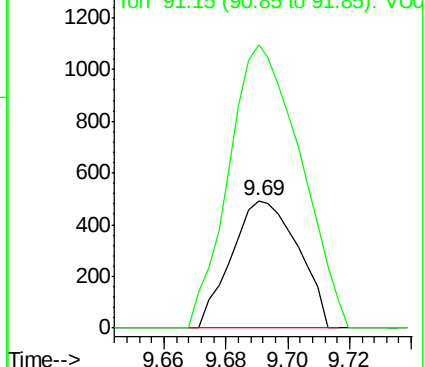
106 100

91 221.9 151.8 282.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.374 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU041536.D

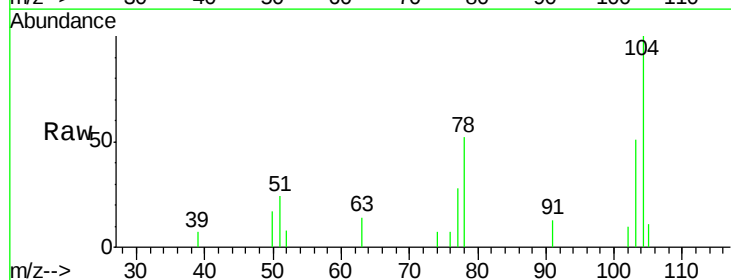
Acq: 10 Dec 2020 15:08

Tgt Ion:104 Resp: 2670

Ion Ratio Lower Upper

104 100

78 51.7 39.8 74.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

