

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037304.D
 Acq On : 16 Mar 2020 19:54
 Operator : JC/MD
 Sample : L1883-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CON83

Quant Time: Mar 17 03:09:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 17 01:33:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	120144	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	121522	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30614	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.93	69	28777	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	46348	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.68	46	100263	53.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	5.11	84	74129	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.74	65	44163	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.76	84	130678	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.72	67	43372	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.93	98	117184	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.20	79	18093	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.66	63	83997	50.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36517	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	46075	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

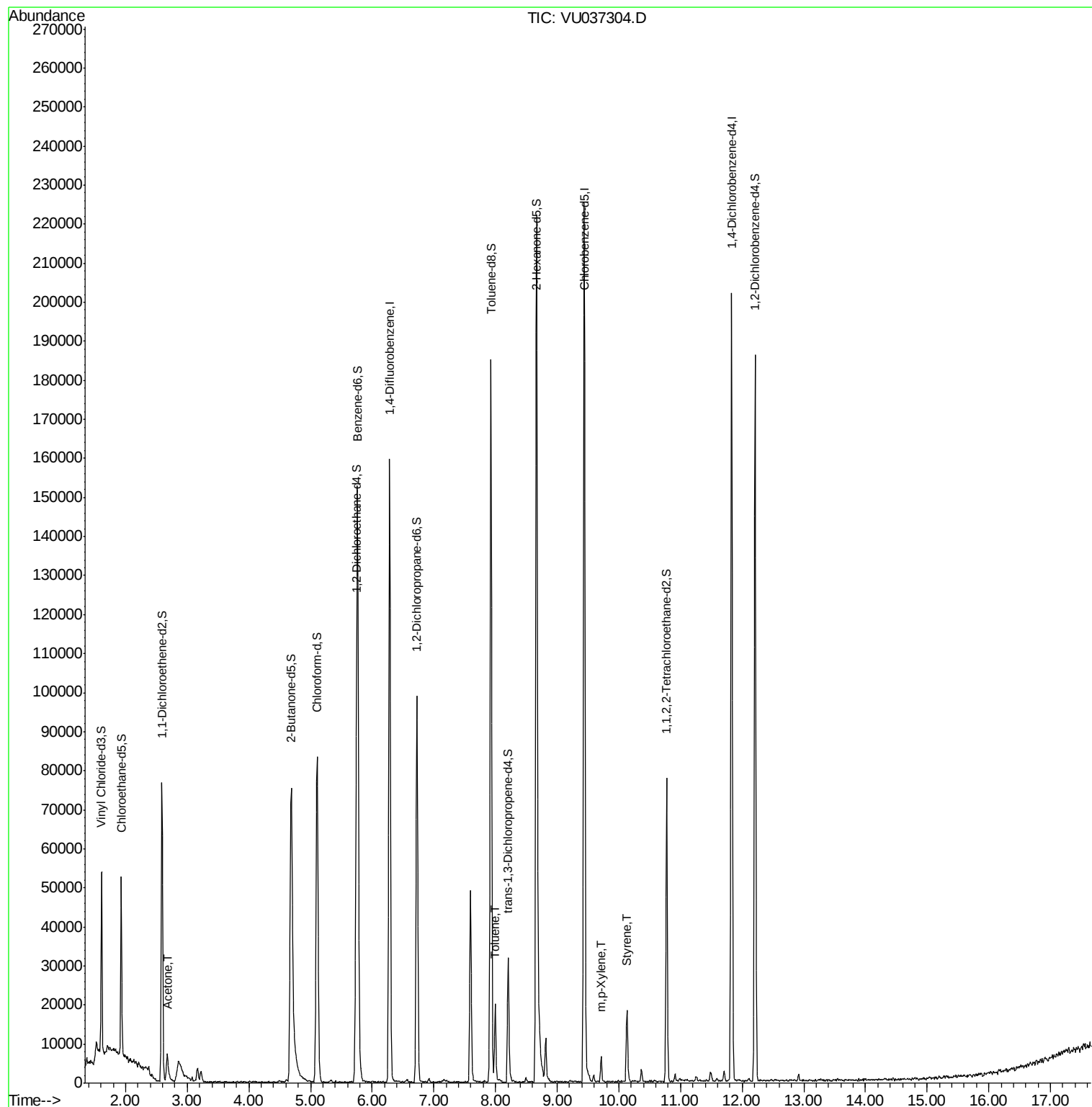
					Ovalue
13) Acetone	2.68	43	11339	7.089 ug/L	93
42) Toluene	8.00	91	13713	0.349 ug/L	98
53) m,p-Xylene	9.72	106	1899	0.116 ug/L	99
55) Styrene	10.13	104	8790	0.333 ug/L	93

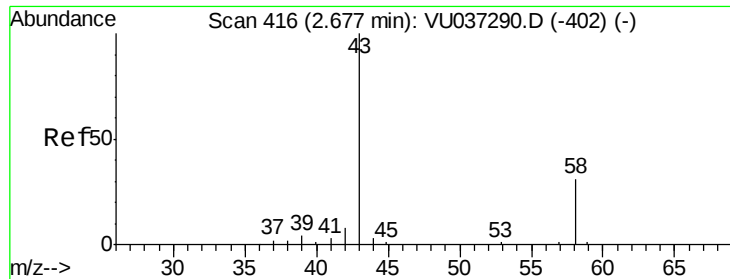
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.089 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU037304.D

Acq: 16 Mar 2020 19:54

Instrument :

MSVOA_U

ClientSampleId :

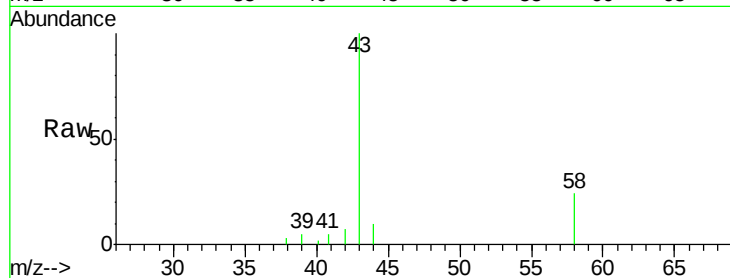
CON83

Tot Ion: 43 Resp: 11339

Ion Ratio Lower Upper

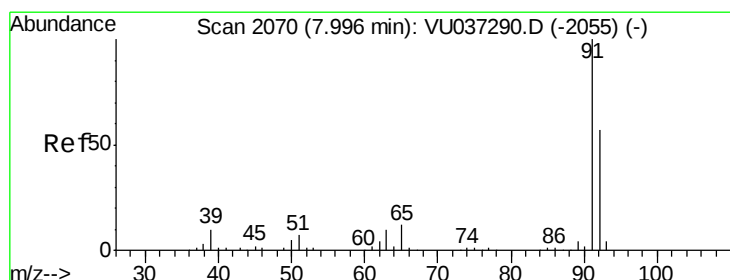
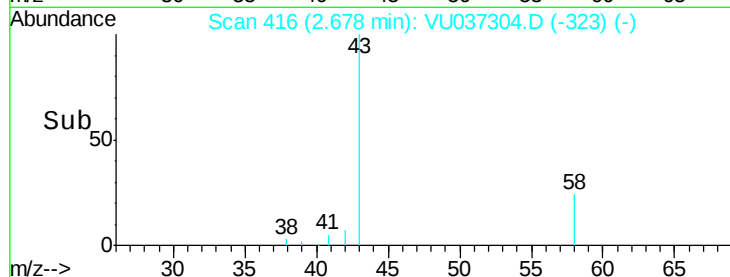
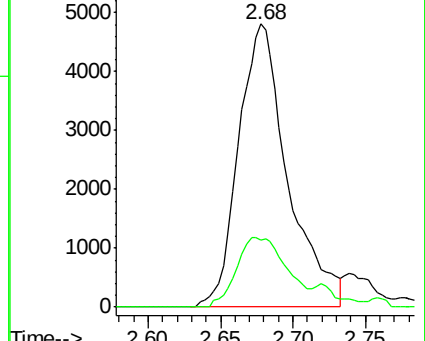
43 100

58 25.3 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VU037290.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037290.D (-402) (-)



#42

Toluene

Concen: 0.349 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037304.D

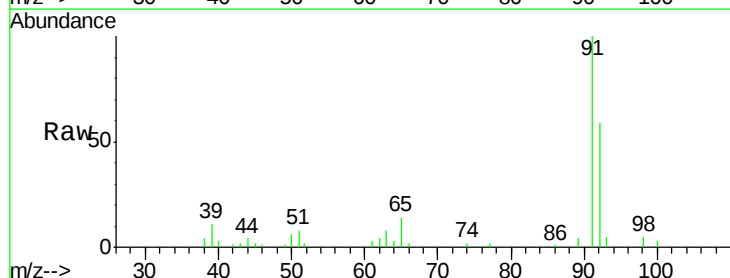
Acq: 16 Mar 2020 19:54

Tgt Ion: 91 Resp: 13713

Ion Ratio Lower Upper

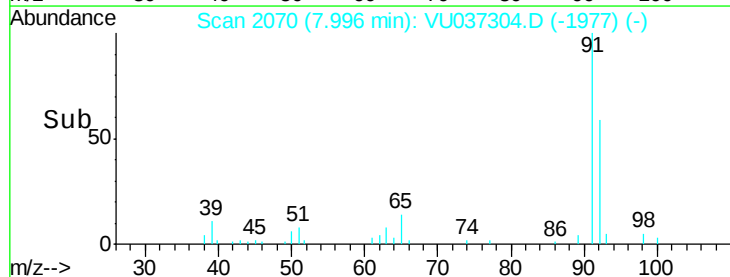
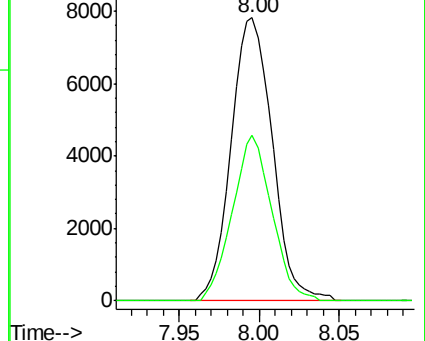
91 100

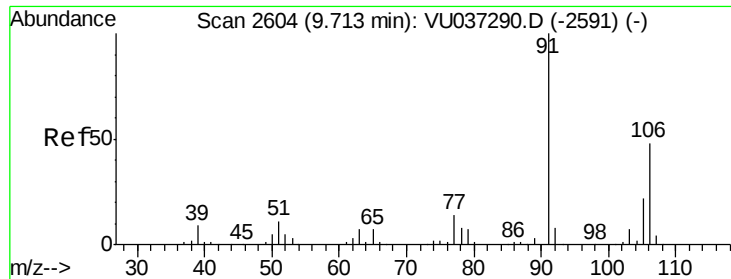
92 58.6 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU037290.D (-2055) (-)

Ion 92.15 (91.85 to 92.85): VU037290.D (-2055) (-)

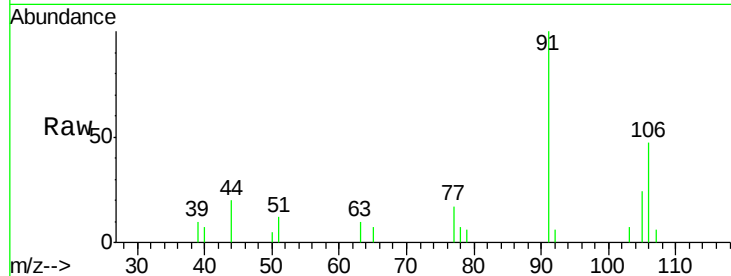




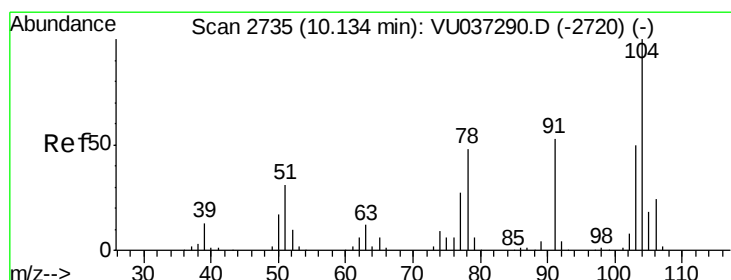
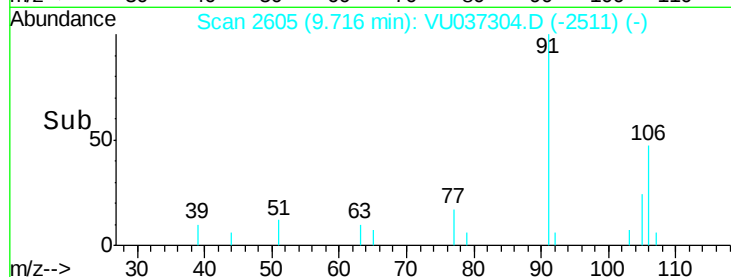
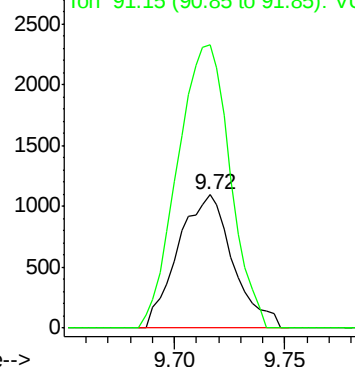
#53
m,p-Xylene
Concen: 0.116 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU037304.D
Acq: 16 Mar 2020 19:54

Instrument :
MSVOA_U
ClientSampled :
CON83

Tot Ion:106 Resp: 1899
Ion Ratio Lower Upper
106 100
91 212.5 147.2 273.4

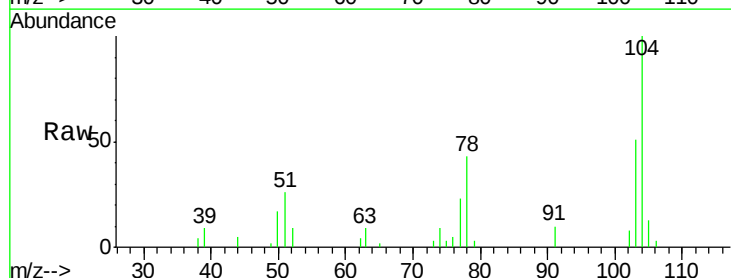


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#55
Styrene
Concen: 0.333 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU037304.D
Acq: 16 Mar 2020 19:54

Tgt Ion:104 Resp: 8790
Ion Ratio Lower Upper
104 100
78 43.3 33.6 62.4



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0

