

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040171.D
 Acq On : 17 Sep 2020 01:01
 Operator : SY/MD
 Sample : L4046-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P8

Quant Time: Sep 17 03:30:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 02:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	115188	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47751	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27783	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	25166	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.58	63	46217	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.66	46	113388	45.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.14%
24) Chloroform-d	5.08	84	60925	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.72	65	38982	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.74	84	112130	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.70	67	38247	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.91	98	94901	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	14483	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.64	63	79747	42.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.18%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32023	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	37843	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

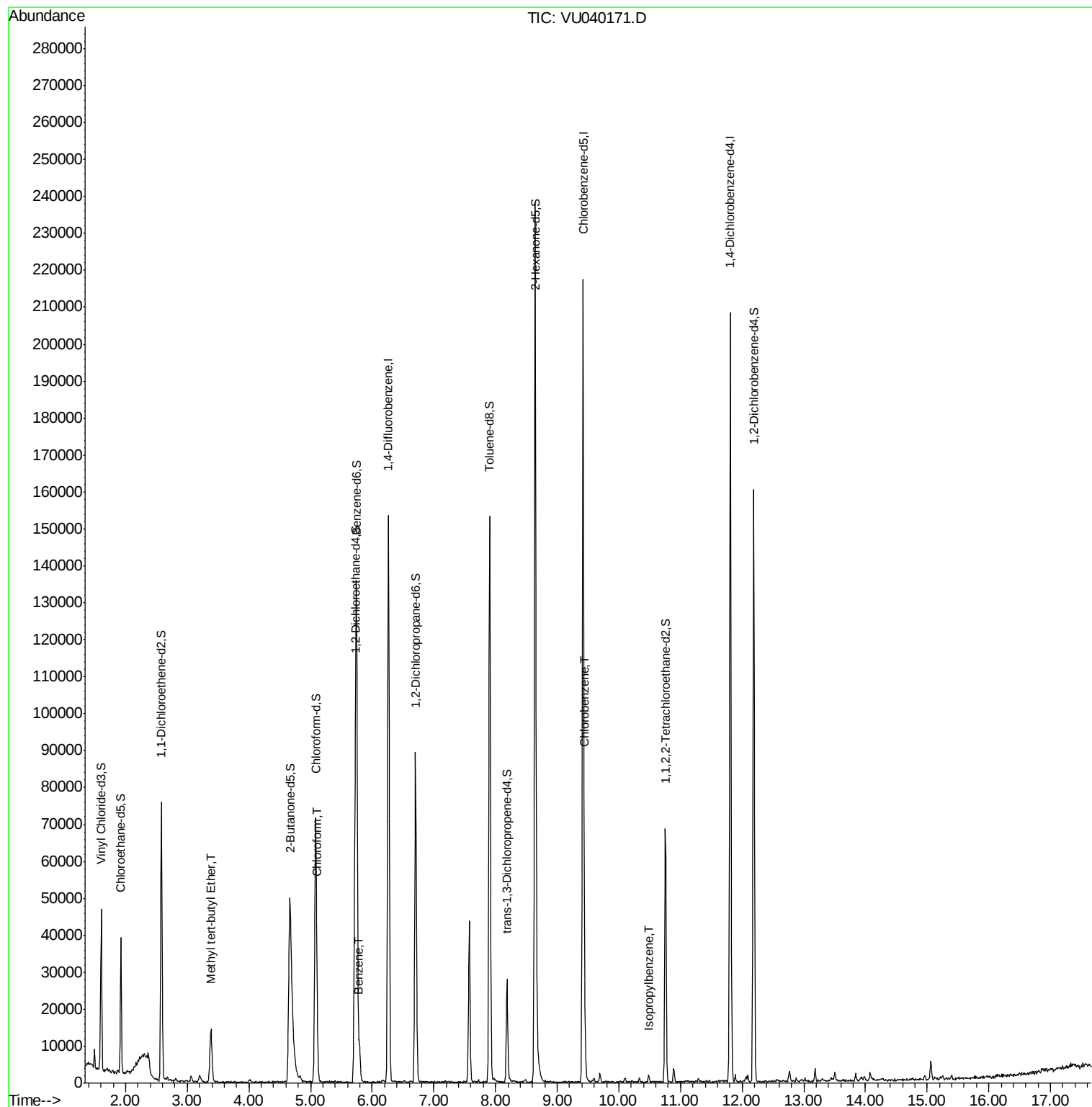
					Ovalue
17) Methyl tert-butyl Ether	3.39	73	15295	0.569 ug/L	99
25) Chloroform	5.11	83	2901	0.144 ug/L	92
33) Benzene	5.79	78	8825	0.221 ug/L	100
51) Chlorobenzene	9.45	112	6434	0.252 ug/L	94
56) Isopropylbenzene	10.48	105	1283	0.030 ug/L	98

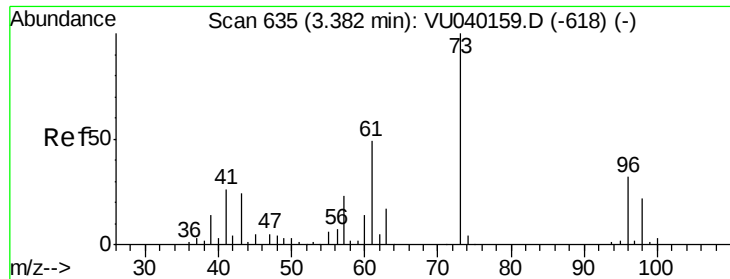
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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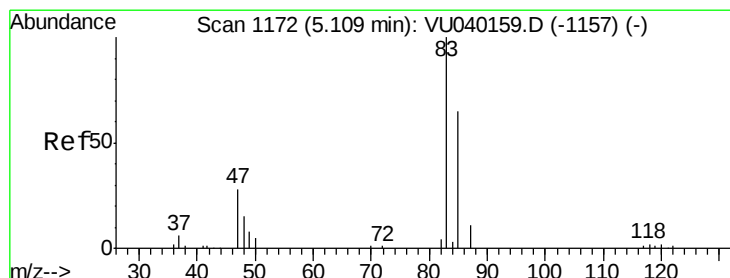
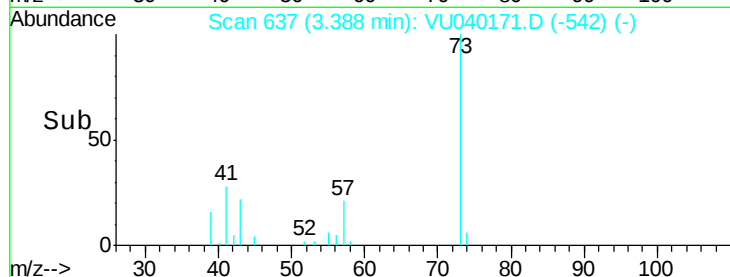
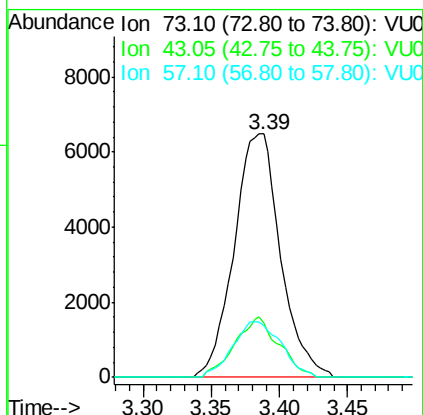
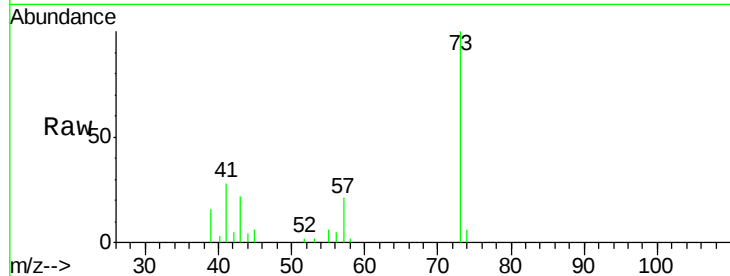




#17
Methvl tert-butvl Ether
Concen: 0.569 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.01 min
Lab File: VU040171.D
Acq: 17 Sep 2020 01:01

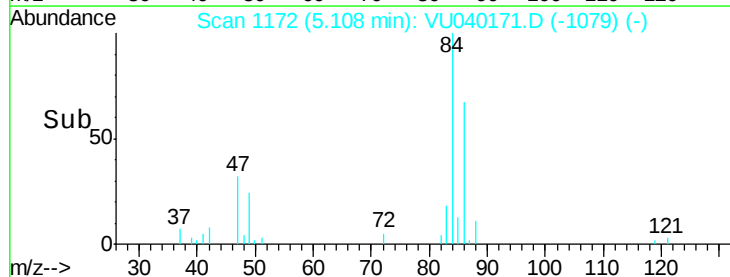
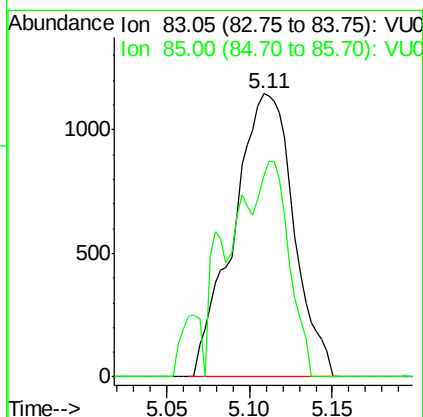
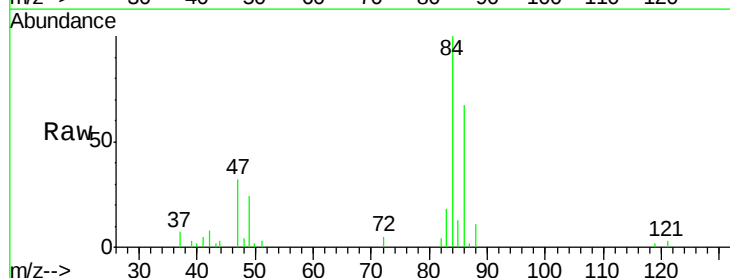
Instrument :
MSVOA_U
ClientSampleId :
BG0P8

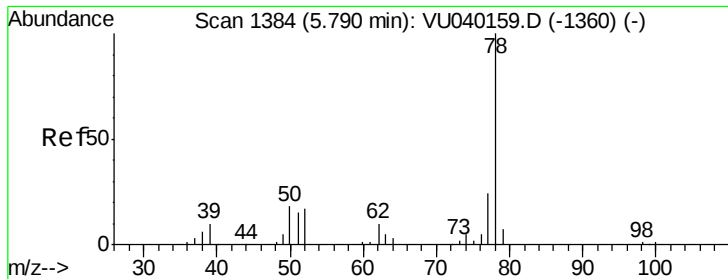
Tot Ion: 73 Resp: 15295
Ion Ratio Lower Upper
73 100
43 23.5 19.1 28.7
57 23.7 18.3 27.5



#25
Chloroform
Concen: 0.144 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU040171.D
Acq: 17 Sep 2020 01:01

Tgt Ion: 83 Resp: 2901
Ion Ratio Lower Upper
83 100
85 71.4 45.3 84.1





#33

Benzene

Concen: 0.221 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

Lab File: VU040171.D

Acq: 17 Sep 2020 01:01

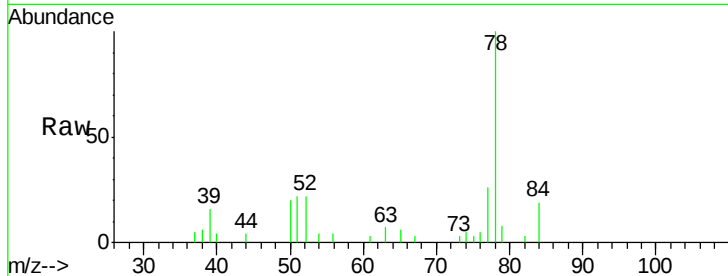
Instrument :

MSVOA_U

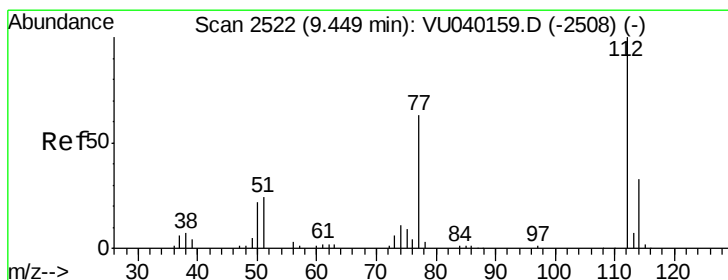
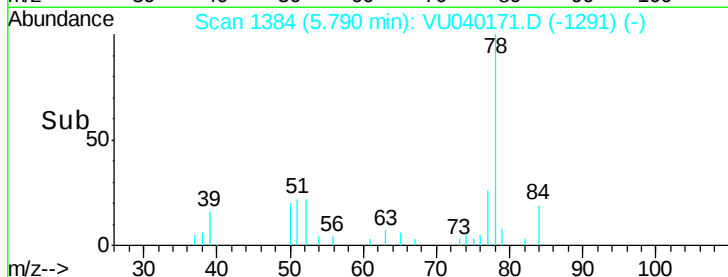
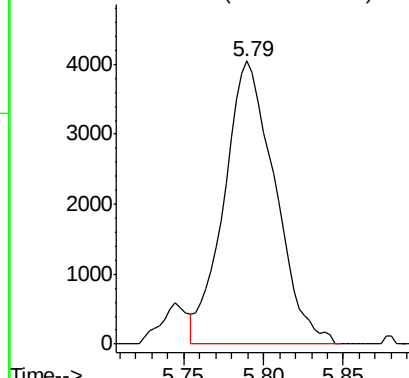
ClientSampleId :

BG0P8

Tgt Ion: 78 Resp: 8825



Abundance Ion 78.10 (77.80 to 78.80): VU0



#51

Chlorobenzene

Concen: 0.252 ug/L

RT: 9.45 min Scan# 2521

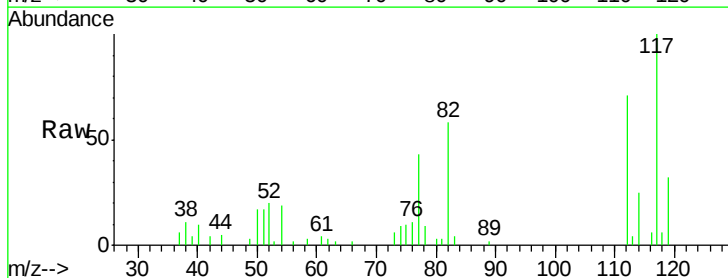
Delta R.T. -0.00 min

Lab File: VU040171.D

Acq: 17 Sep 2020 01:01

Tgt Ion: 112 Resp: 6434

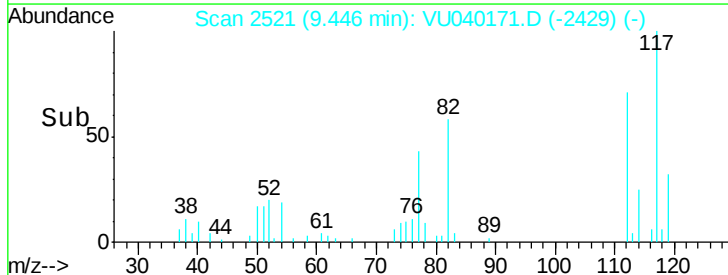
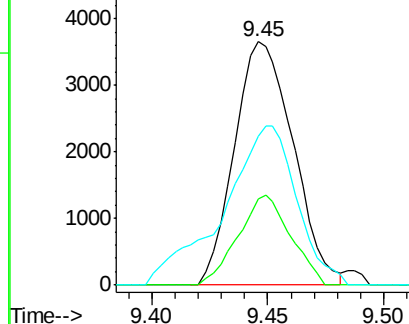
Ion	Ratio	Lower	Upper
112	100		
114	35.3	22.7	42.3
77	61.2	53.2	79.8

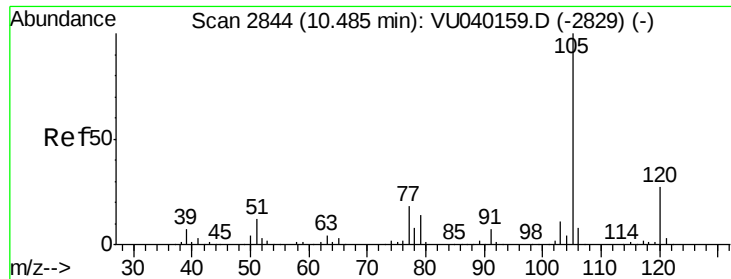


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0





#56

Isopropylbenzene

Concen: 0.030 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040171.D

Acq: 17 Sep 2020 01:01

Instrument :

MSVOA_U

ClientSampleId :

BG0P8

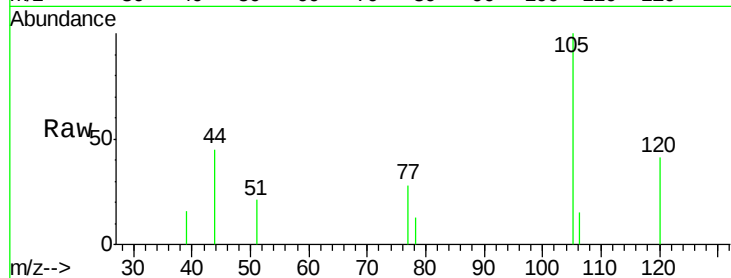
Tot Ion:105 Resp: 1283

Ion Ratio Lower Upper

105 100

120 25.2 20.1 30.1

77 20.3 14.4 21.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU

