

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040169.D
 Acq On : 17 Sep 2020 00:15
 Operator : SY/MD
 Sample : L4046-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P5

Quant Time: Sep 17 03:24:07 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	109539	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26951	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	24471	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.58	63	44580	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.66	46	112660	47.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.20%
24) Chloroform-d	5.08	84	62915	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.72	65	37785	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.75	84	113253	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	37668	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.91	98	91291	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.19	79	14294	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.64	63	76591	42.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	32493	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	36890	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

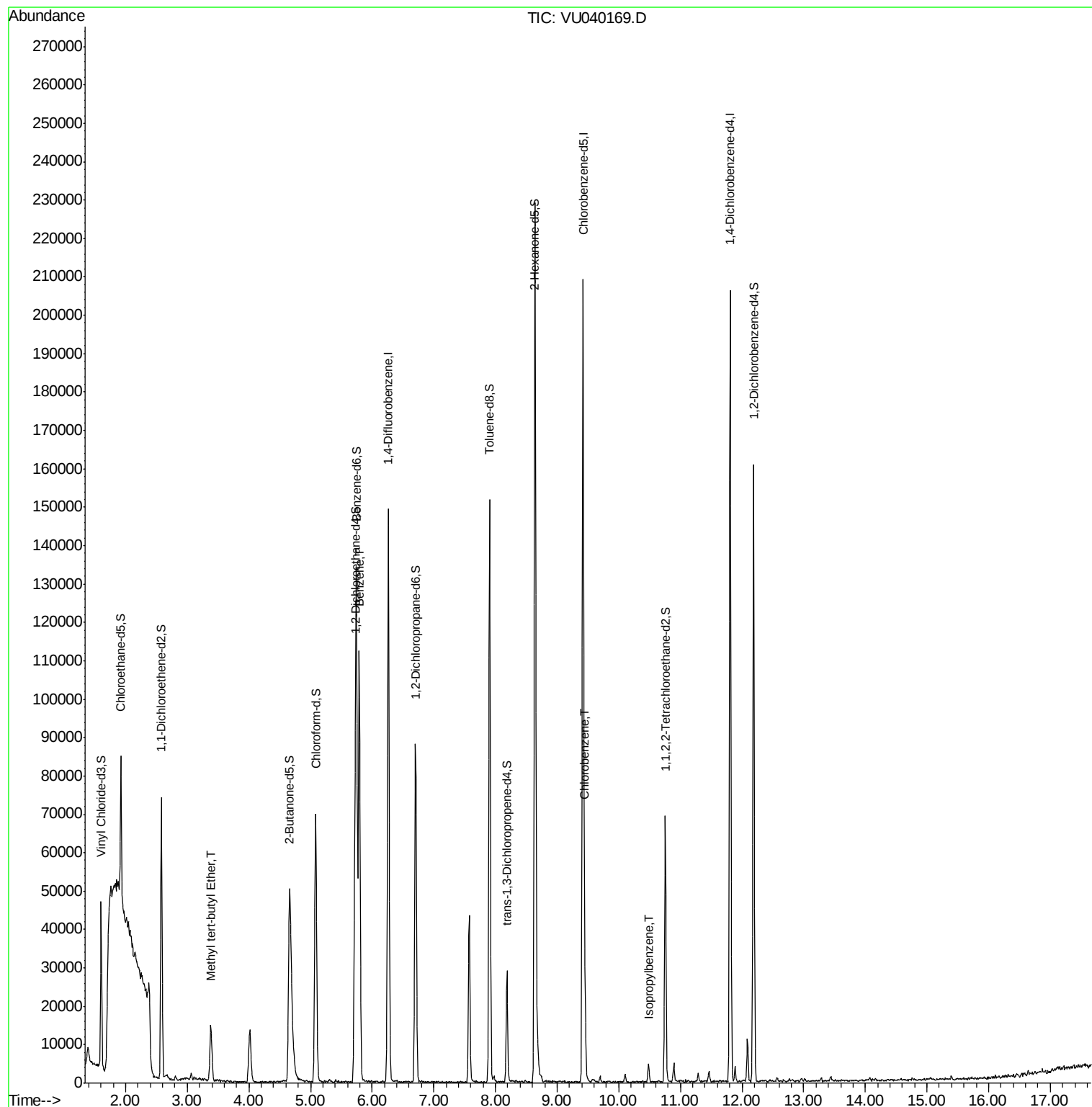
					Ovalue
17) Methyl tert-butyl Ether	3.39	73	14664	0.574	ug/L 97
33) Benzene	5.79	78	97134	2.550	ug/L 100
51) Chlorobenzene	9.45	112	12842	0.527	ug/L 96
56) Isopropylbenzene	10.48	105	3292	0.080	ug/L 95

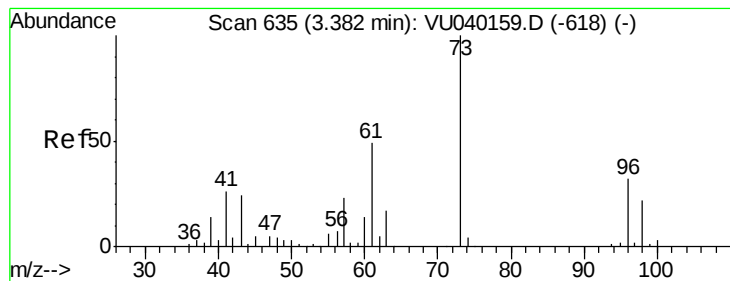
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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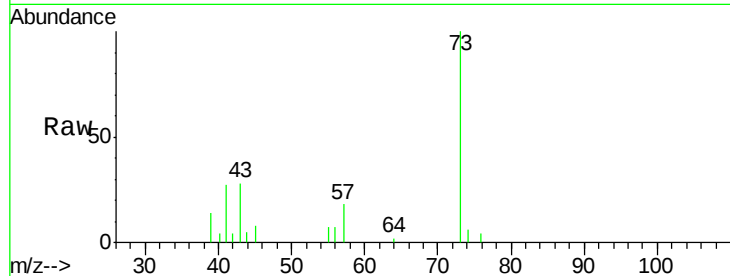


#17

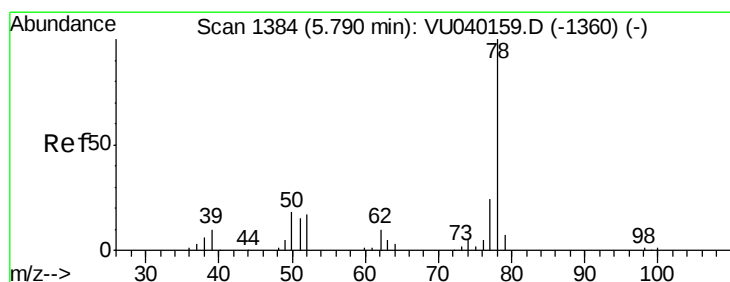
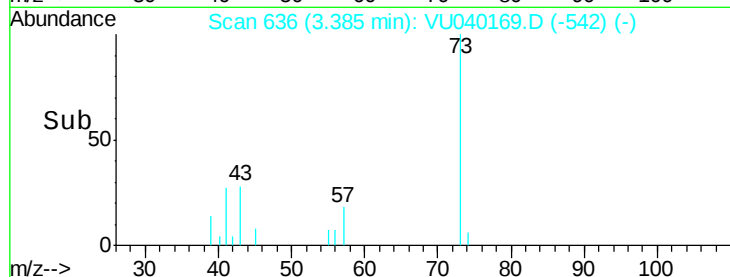
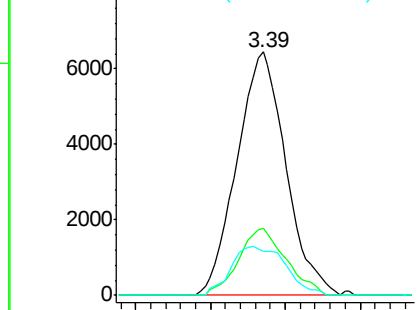
Methvl tert-butvl Ether
 Concen: 0.574 ug/L
 RT: 3.39 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU040169.D
 Acq: 17 Sep 2020 00:15

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P5

Tot Ion: 73 Resp: 14664
 Ion Ratio Lower Upper
 73 100
 43 26.6 19.1 28.7
 57 22.4 18.3 27.5



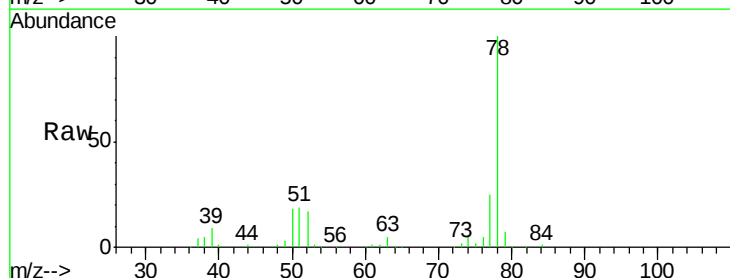
Abundance Ion 73.10 (72.80 to 73.80): VU0
 Ion 43.05 (42.75 to 43.75): VU0
 Ion 57.10 (56.80 to 57.80): VU0



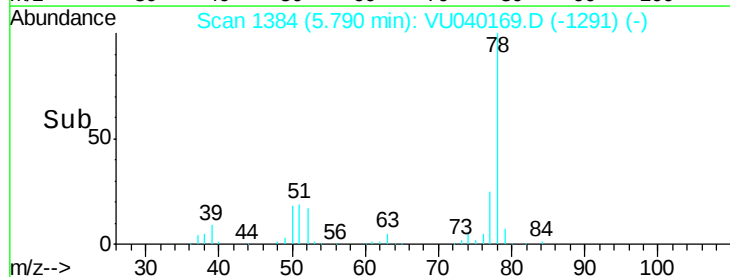
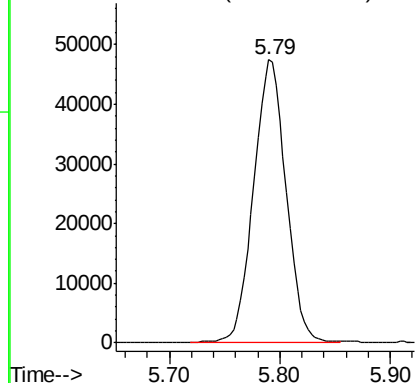
#33

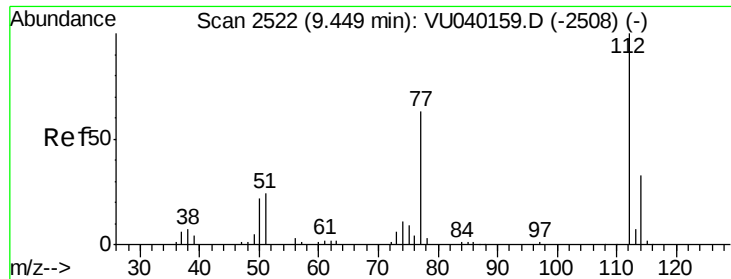
Benzene
 Concen: 2.550 ug/L
 RT: 5.79 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: VU040169.D
 Acq: 17 Sep 2020 00:15

Tgt Ion: 78 Resp: 97134



Abundance Ion 78.10 (77.80 to 78.80): VU0

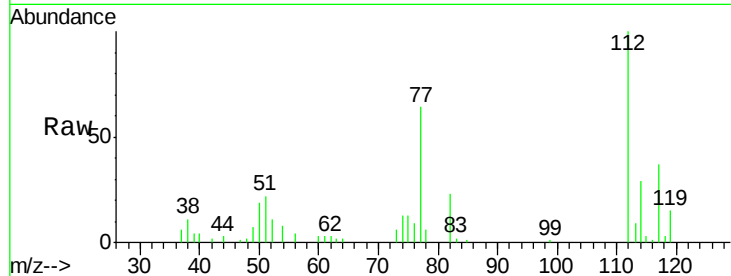




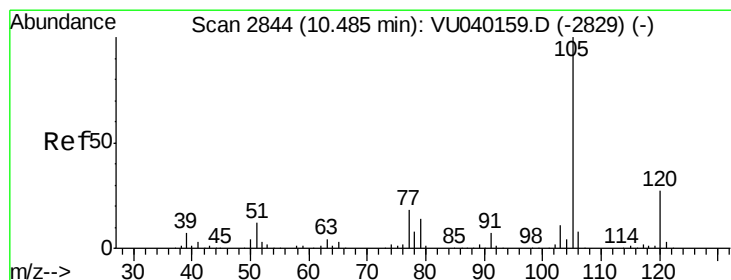
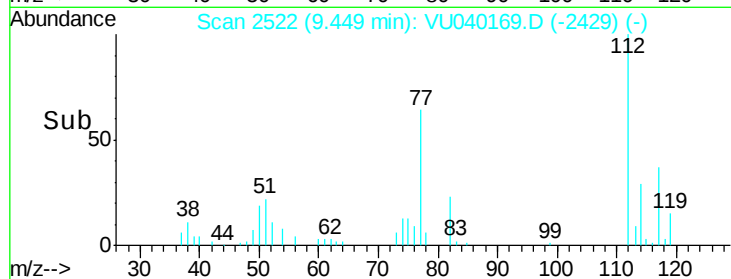
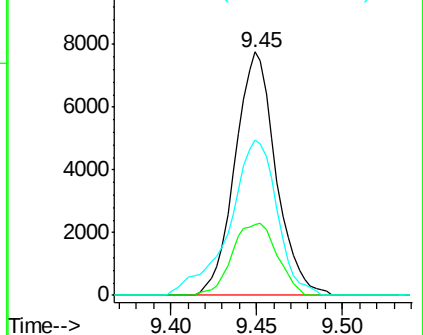
#51
Chlorobenzene
Concen: 0.527 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040169.D
Acq: 17 Sep 2020 00:15

Instrument :
MSVOA_U
ClientSampleId :
BG0P5

Tot Ion:112 Resp: 12842
Ion Ratio Lower Upper
112 100
114 29.3 22.7 42.3
77 63.6 53.2 79.8

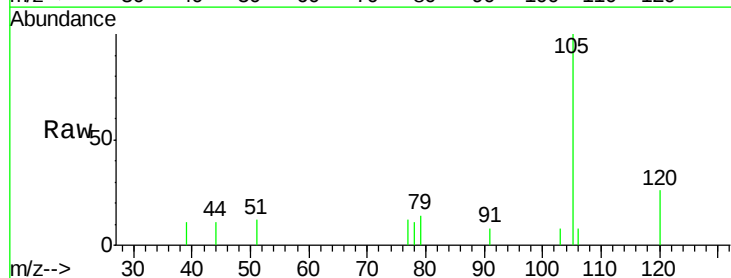


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#56
Isopropylbenzene
Concen: 0.080 ug/L
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040169.D
Acq: 17 Sep 2020 00:15

Tgt Ion:105 Resp: 3292
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 15.2 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): V

