

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012288.D
 Acq On : 19 Aug 2019 20:24
 Operator : SY/MD
 Sample : K4395-03
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE0

Quant Time: Aug 20 03:05:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 20 02:35:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	112286	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23888	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	18799	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	35944	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.95	46	66310	42.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.74%
24) Chloroform-d	4.40	84	72850	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	38958	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	134592	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	38035	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	121113	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	14684	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	48700	43.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28260	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	55302	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

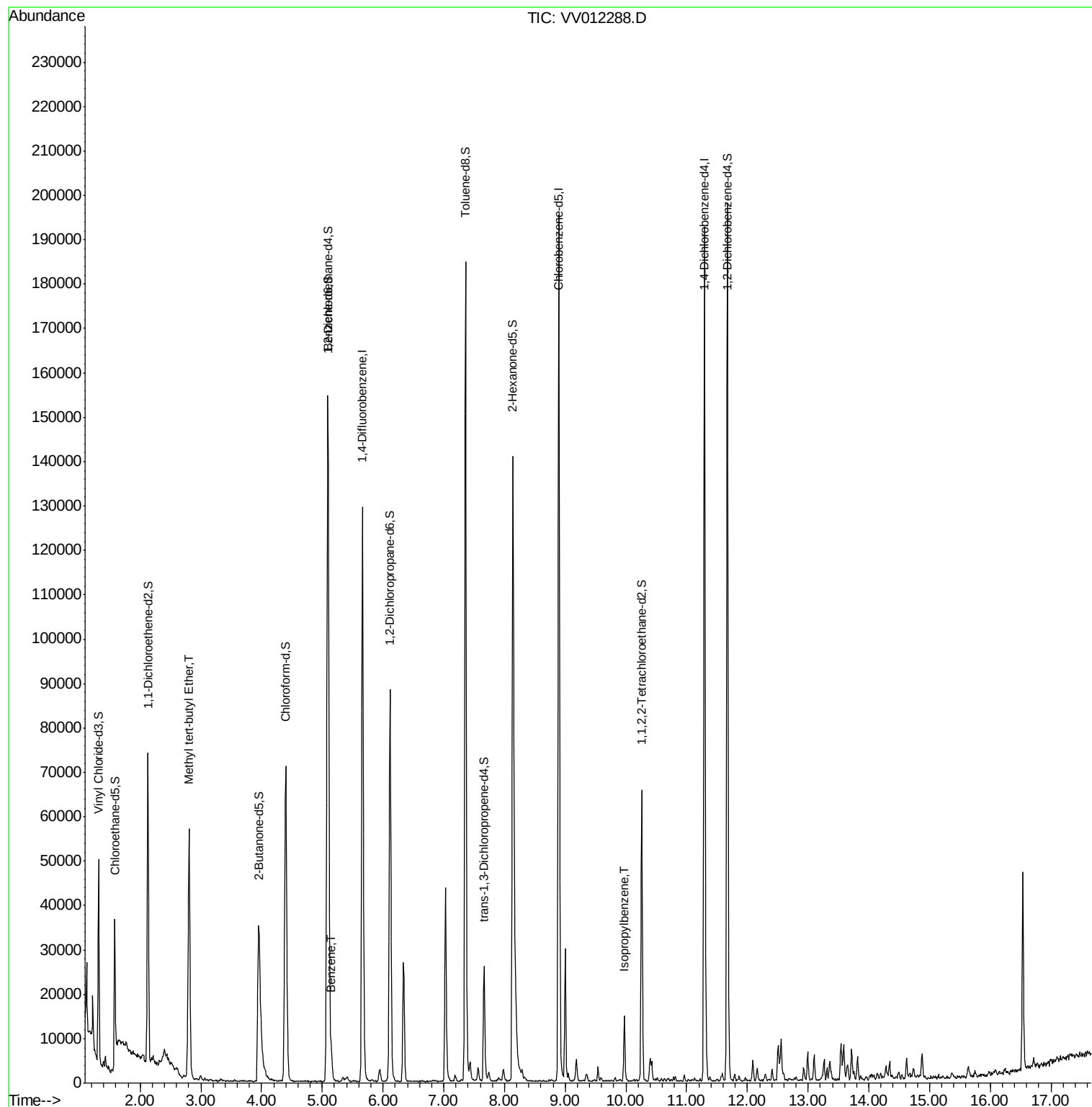
					Ovalue
17) Methyl tert-butyl Ether	2.80	73	58675	3.570 ug/L	99
33) Benzene	5.15	78	6601	0.217 ug/L	100
56) Isopropylbenzene	9.97	105	9390	0.241 ug/L	98

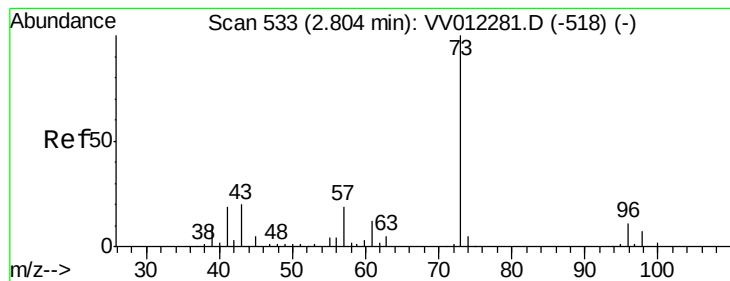
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methvl tert-butvl Ether

Concen: 3.570 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV012288.D

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Instrument :

MSVOA_V

ClientSampleId :

C0AE0

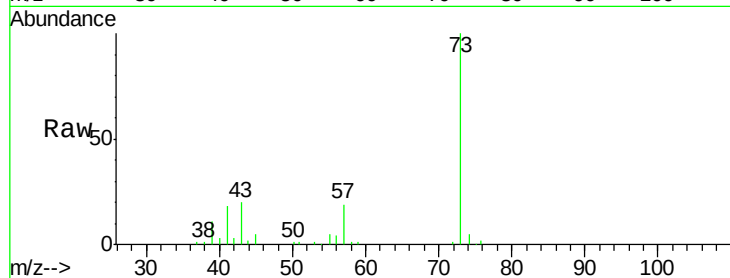
Tot Ion: 73 Resp: 58675

Ion Ratio Lower Upper

73 100

43 20.6 17.0 25.4

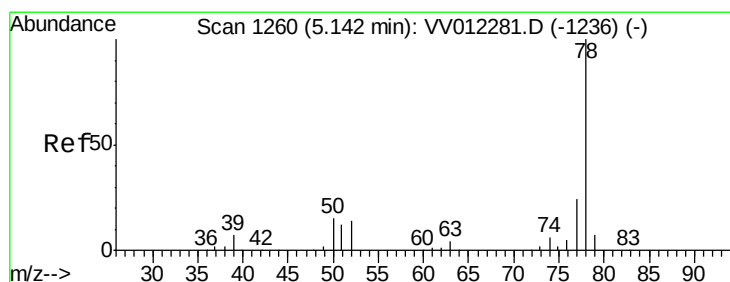
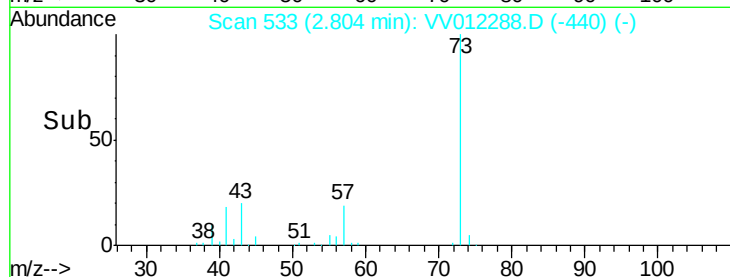
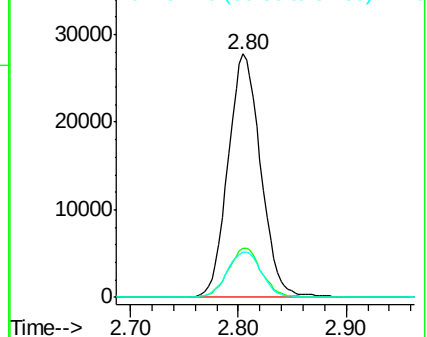
57 19.7 15.8 23.6



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0



#33

Benzene

Concen: 0.217 ug/L

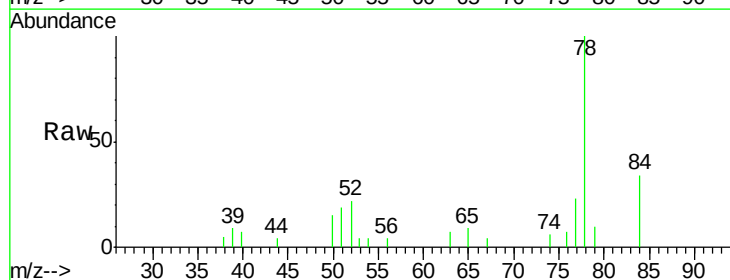
RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

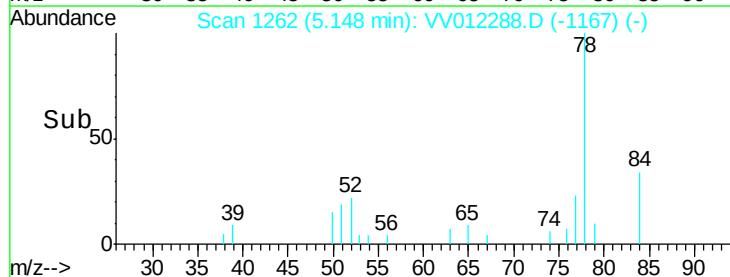
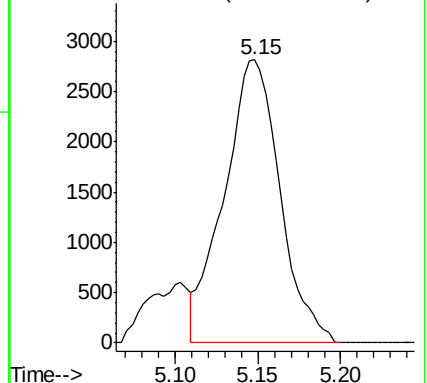
Lab File: VV012288.D

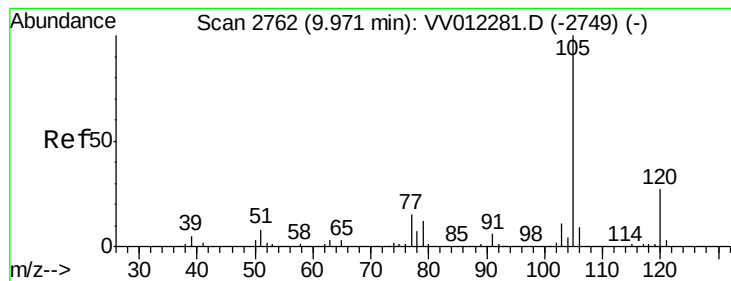
Acq: 19 Aug 2019 20:24

Tgt Ion: 78 Resp: 6601



Abundance Ion 78.10 (77.80 to 78.80): VV0





#56
Isopropylbenzene
Concen: 0.241 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.4	32.0
77	17.2	12.2	18.2

