

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081018\
 Data File : VU026054.D
 Acq On : 10 Aug 2018 20:35
 Operator : MD/SY
 Sample : J4401-22 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 11 03:48:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	302327	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	277704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119402	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92158	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.40%
7) Chloroethane-d5	1.67	69	71996	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.18%
11) 1,1-Dichloroethene-d2	2.27	63	133186	31.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.44%
21) 2-Butanone-d5	4.18	46	121371	65.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	65.90%
24) Chloroform-d	4.65	84	173621	37.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.10%
26) 1,2-Dichloroethane-d4	5.31	65	116288	36.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.48%
32) Benzene-d6	5.34	84	342919	39.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.54%
36) 1,2-Dichloropropane-d6	6.34	67	108955	39.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.10%
41) Toluene-d8	7.57	98	309549	37.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.04%#
43) trans-1,3-Dichloropropene-	7.85	79	51352	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.06%
47) 2-Hexanone-d5	8.31	63	82371	65.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.00%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	140355	34.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	113861	38.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.36%#

Target Compounds

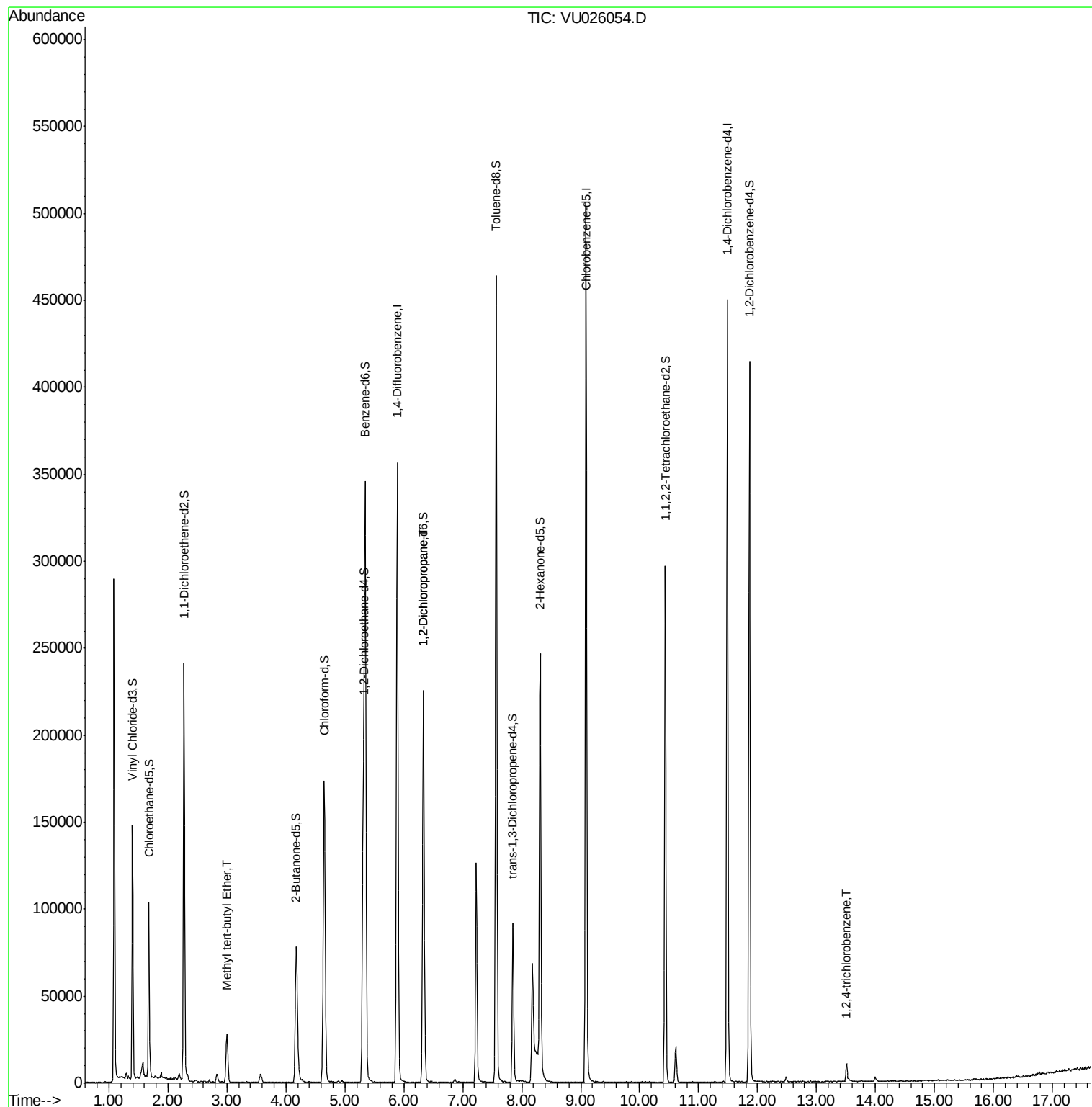
					Ovalue
18) Methyl tert-butyl Ether	3.00	73	28135	4.402 ug/L	97
37) 1,2-Dichloropropane	6.34	63	12665	5.852 ug/L #	88
68) 1,2,4-trichlorobenzene	13.51	180	4448	1.893 ug/L #	85

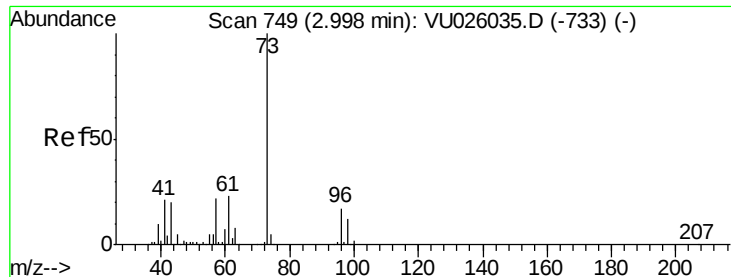
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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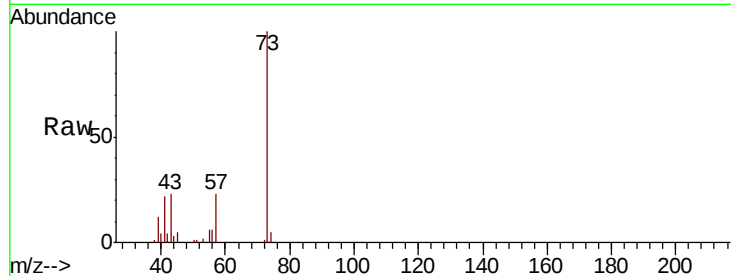


#18

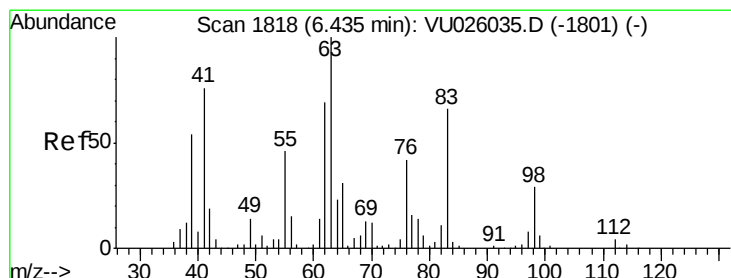
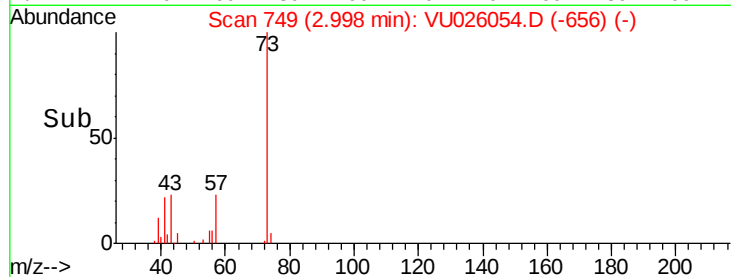
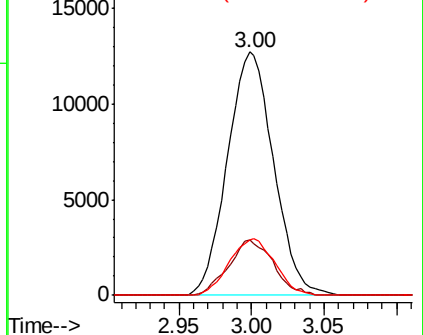
Methvl tert-butvl Ether
 Concen: 4.402 ug/L
 RT: 3.00 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: VU026054.D
 Acq: 10 Aug 2018 20:35

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.0	16.3	24.5
57	22.7	17.1	25.7



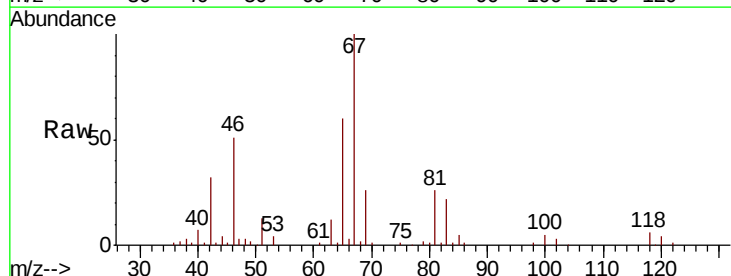
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



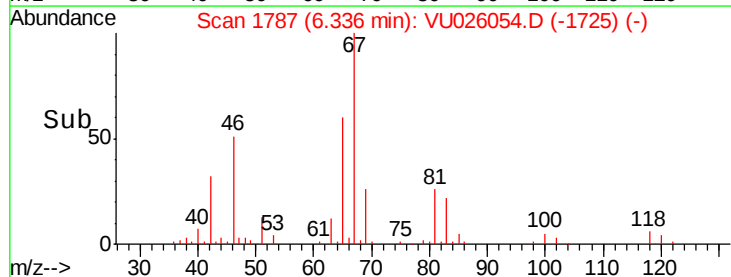
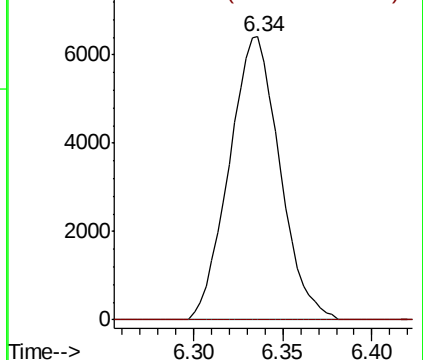
#37

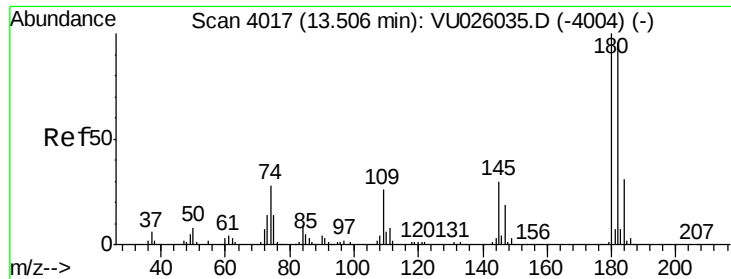
1,2-Dichloropropane
 Concen: 5.852 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026054.D
 Acq: 10 Aug 2018 20:35

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

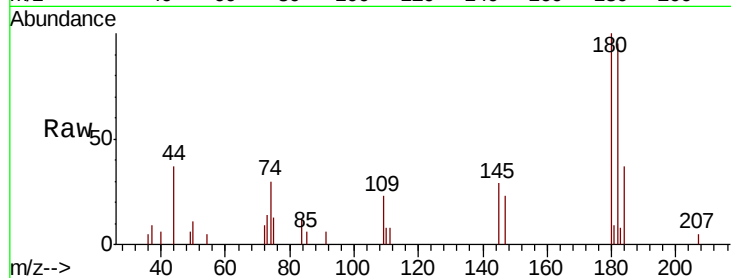




#68
 1,2,4-trichlorobenzene
 Concen: 1.893 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU026054.D
 Acq: 10 Aug 2018 20:35

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.9	76.5	114.7
145	10.5	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

