

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033434.D
 Acq On : 26 Jul 2019 00:55
 Operator : JC/SP
 Sample : K3976-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CA1

Quant Time: Jul 26 07:53:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 05:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	274094	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	281167	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	121419	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	123962	59.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.48%
7) Chloroethane-d5	1.67	69	108832	61.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.25	63	165241	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.82%
21) 2-Butanone-d5	4.15	46	148432	112.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.90%
24) Chloroform-d	4.62	84	184292	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.29	65	130621	58.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.14%
32) Benzene-d6	5.32	84	397757	57.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.34%
36) 1,2-Dichloropropane-d6	6.31	67	126595	57.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.60%
41) Toluene-d8	7.55	98	351643	54.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.12%
43) trans-1,3-Dichloropropene-	7.83	79	54687	50.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.94%
47) 2-Hexanone-d5	8.29	63	105871	106.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.29%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	185786	55.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	133758	61.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.54%#

Target Compounds

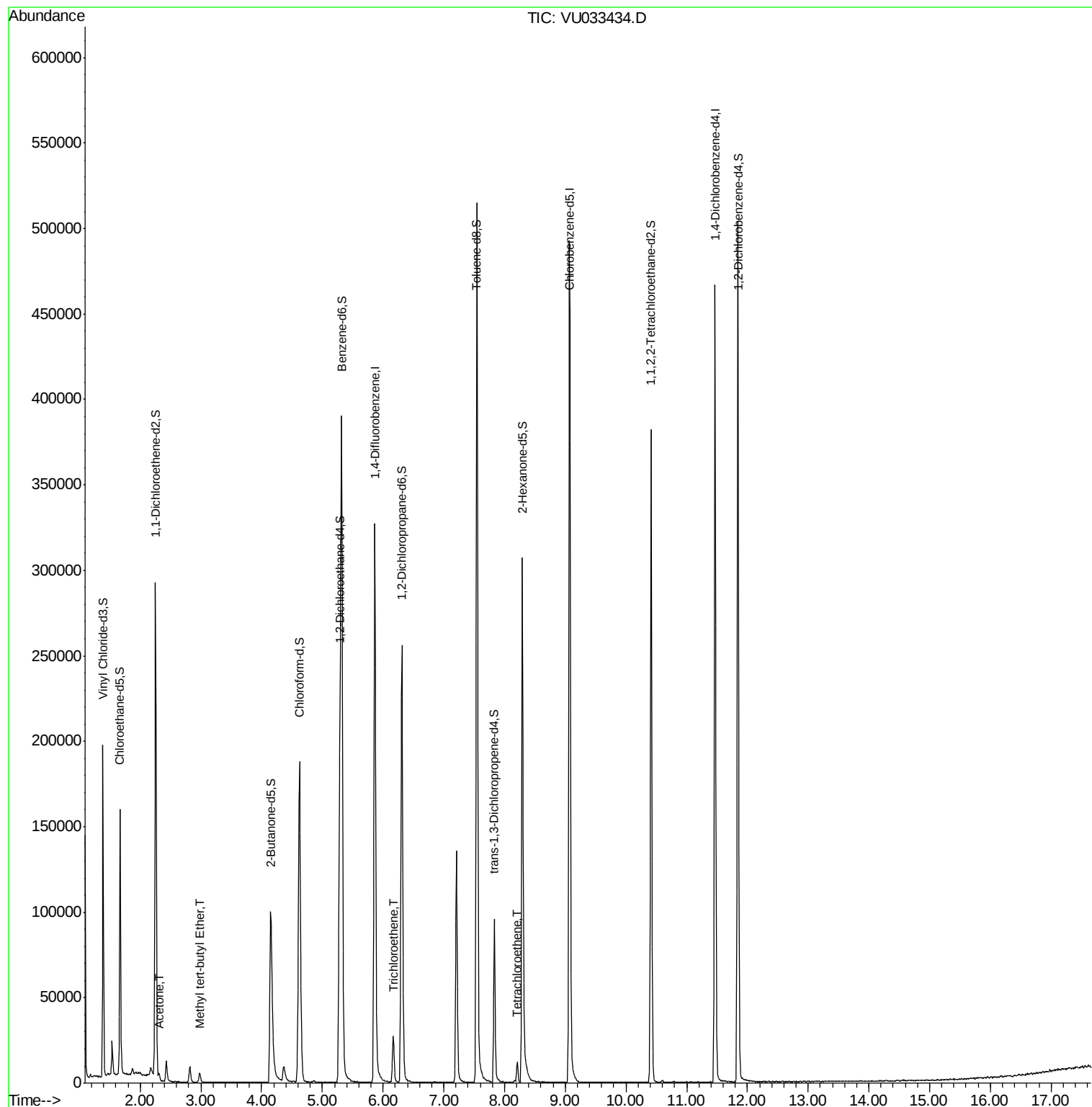
					Ovalue
13) Acetone	2.31	43	2811	1.711 ug/L	99
18) Methyl tert-butyl Ether	2.98	73	5302	0.908 ug/L #	89
34) Trichloroethene	6.17	95	9529	4.444 ug/L	96
46) Tetrachloroethene	8.21	164	2522	1.519 ug/L	92

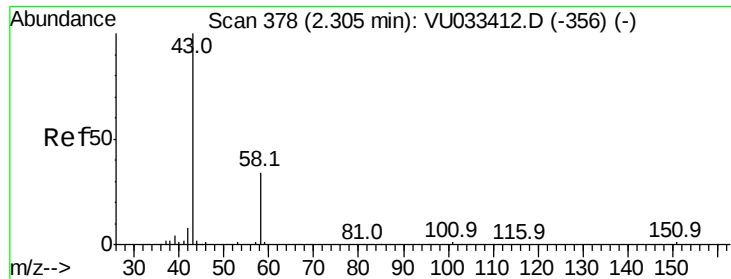
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.711 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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ClientSampleId :

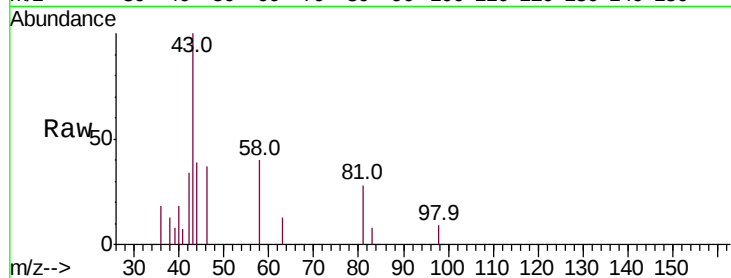
C0CA1

Tot Ion: 43 Resp: 2811

Ion Ratio Lower Upper

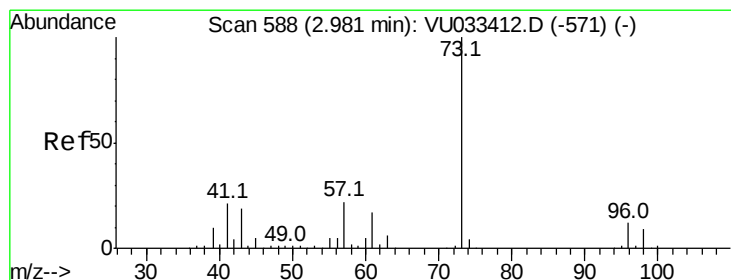
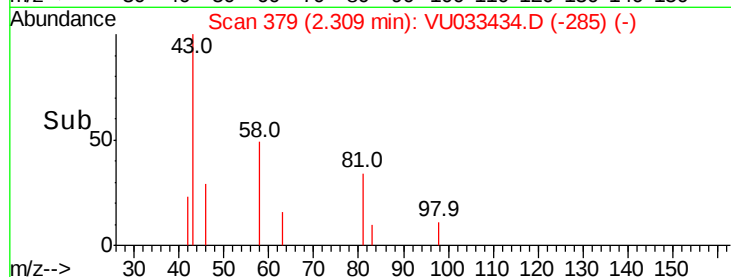
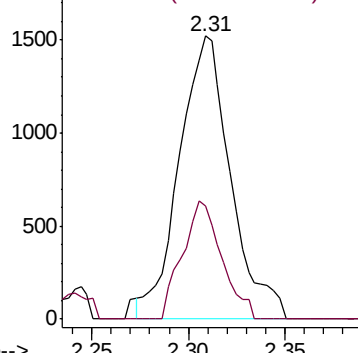
43 100

58 32.1 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl tert-butyl Ether

Concen: 0.908 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

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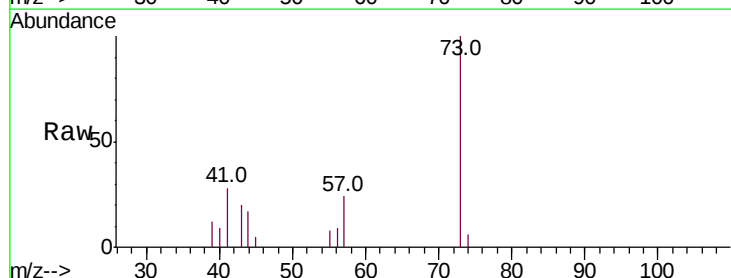
Tgt Ion: 73 Resp: 5302

Ion Ratio Lower Upper

73 100

43 20.7 15.7 23.5

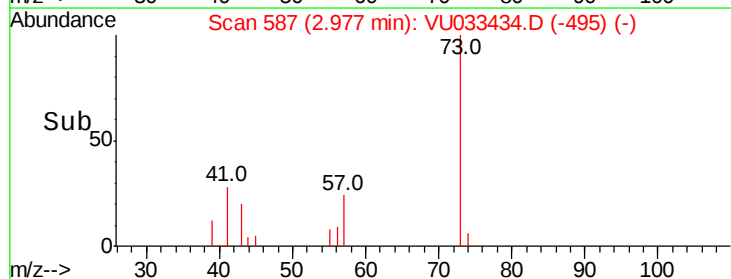
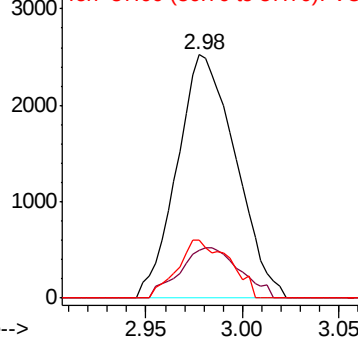
57 13.4 17.8 26.6#

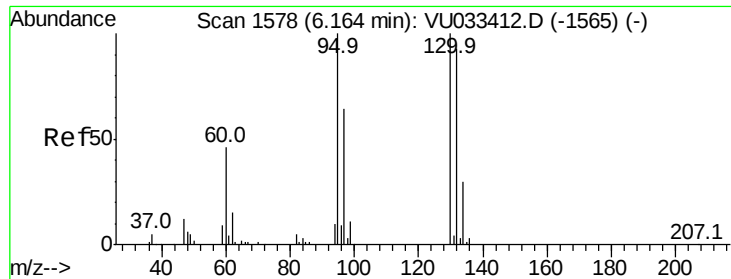


Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

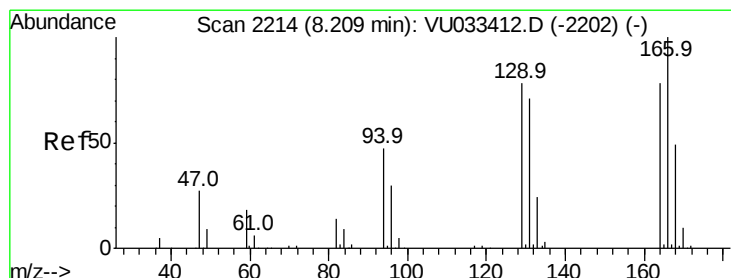
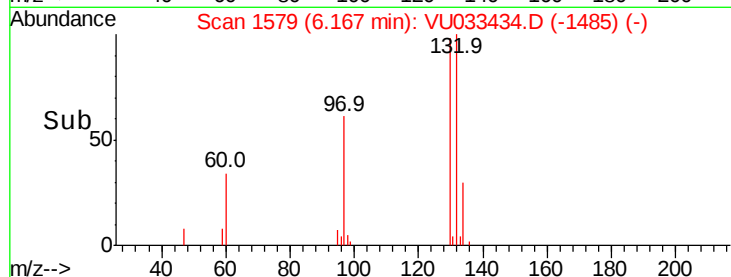
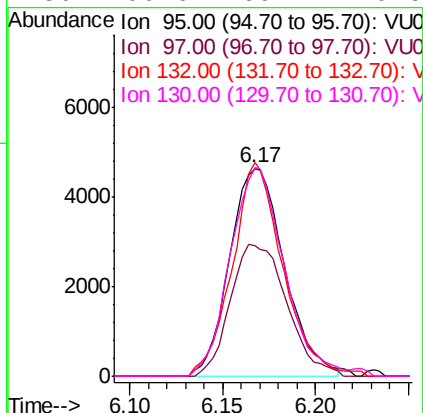
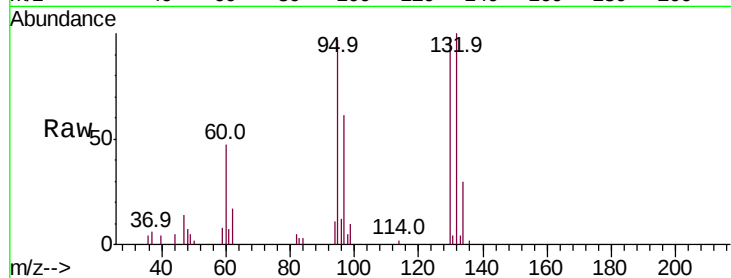




#34
 Trichloroethene
 Concen: 4.444 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
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Tot Ion:	95	Resp:	9529
Ion	Ratio	Lower	Upper
95	100		
97	63.1	43.8	81.4
132	102.7	65.5	121.6
130	100.6	69.7	129.5



#46
 Tetrachloroethene
 Concen: 1.519 ug/L
 RT: 8.21 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: VU033434.D
 Acq: 26 Jul 2019 00:55

Tgt Ion:	164	Resp:	2522
Ion	Ratio	Lower	Upper
164	100		
129	105.1	69.6	129.2
131	99.4	65.7	122.1
166	141.0	88.5	164.4

