

Data File : VU033880.D
Acq On : 21 Aug 2019 18:34
Operator : JC/SP
Sample : K4420-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2C05

Quant Time: Aug 22 07:22:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	390669	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	396288	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	164729	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	165860	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.38%
7) Chloroethane-d5	1.67	69	147524	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	2.25	63	224048	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.28%
21) 2-Butanone-d5	4.15	46	196394	106.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.55%
24) Chloroform-d	4.62	84	273223	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
26) 1,2-Dichloroethane-d4	5.29	65	179641	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
32) Benzene-d6	5.32	84	541773	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
36) 1,2-Dichloropropane-d6	6.31	67	179748	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.90%
41) Toluene-d8	7.55	98	474844	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%
43) trans-1,3-Dichloropropene-	7.83	79	73926	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
47) 2-Hexanone-d5	8.30	63	125133	94.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.40%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	250892	50.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.88%
64) 1,2-Dichlorobenzene-d4	11.84	152	177071	53.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.86%

Target Compounds

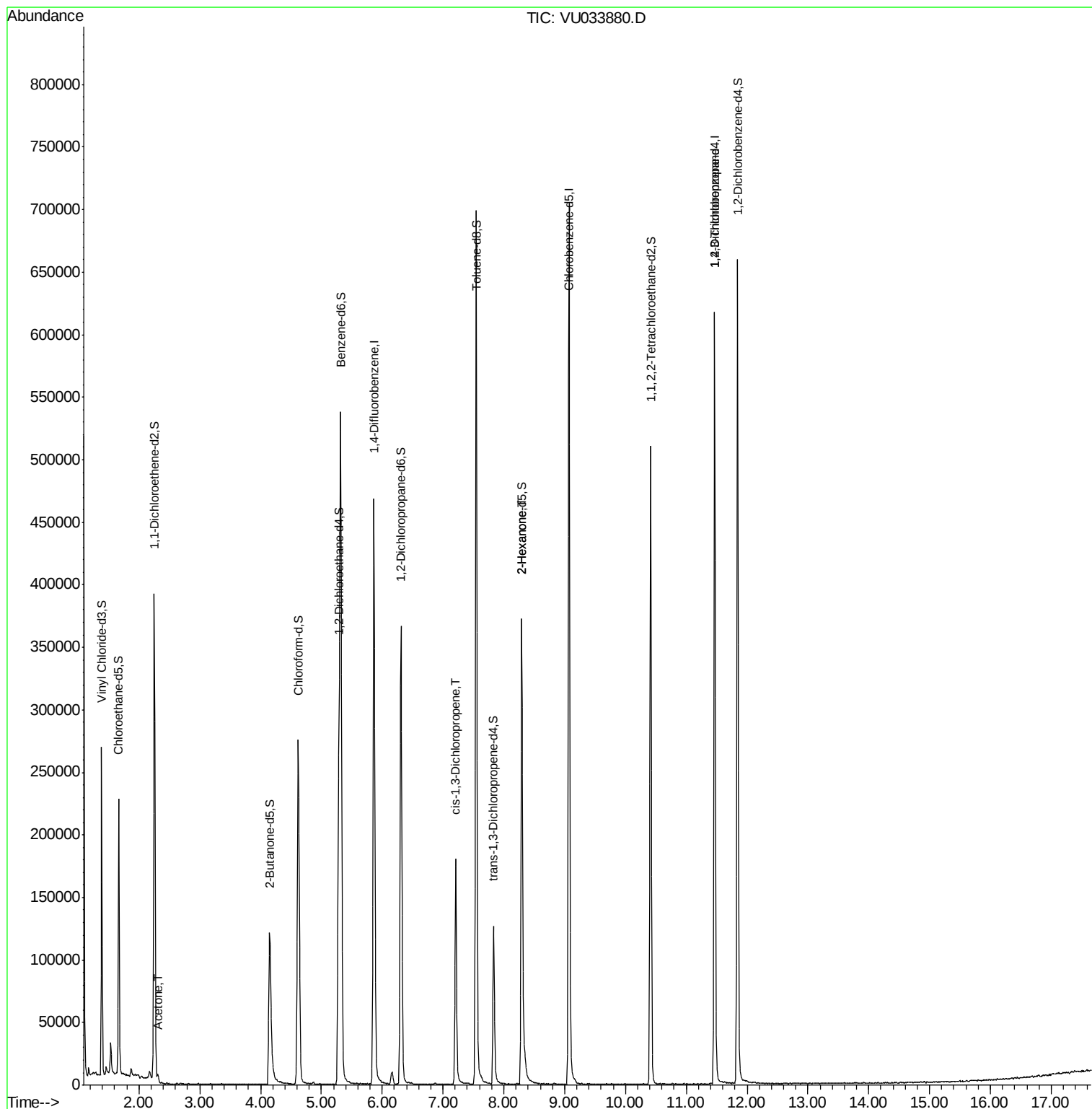
					Qvalue
13) Acetone	2.31	43	4307	2.377 ug/L	88
39) cis-1,3-Dichloropropene	7.21	75	4691	0.982 ug/L	85
48) 2-Hexanone	8.30	43	15329	5.080 ug/L #	75
59) 1,2,3-Trichloropropane	11.47	75	20105	5.063 ug/L	98

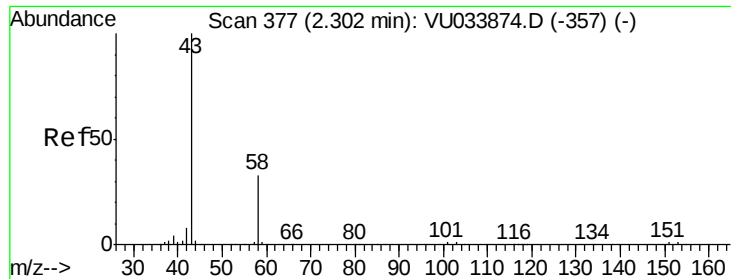
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.377 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033880.D

Acq: 21 Aug 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

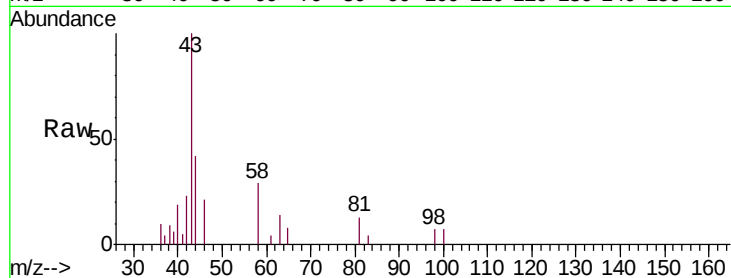
F2C05

Tgt Ion: 43 Resp: 4307

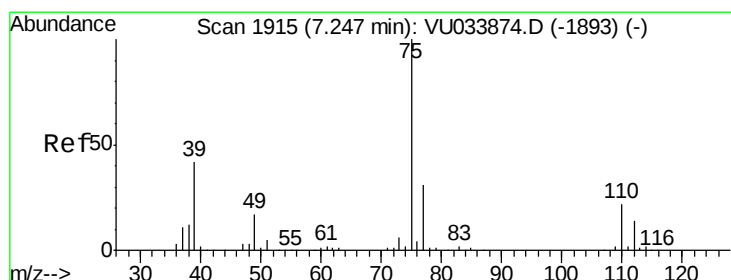
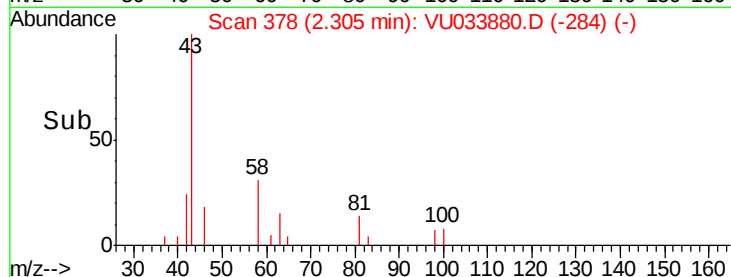
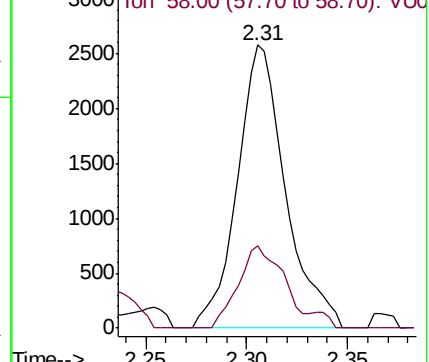
Ion Ratio Lower Upper

43 100

58 27.6 0.0 69.0



Abundance Ion 43.00 (42.70 to 43.70): VU033874.D (-357) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.982 ug/L

RT: 7.21 min Scan# 1902

Delta R.T. -0.04 min

Lab File: VU033880.D

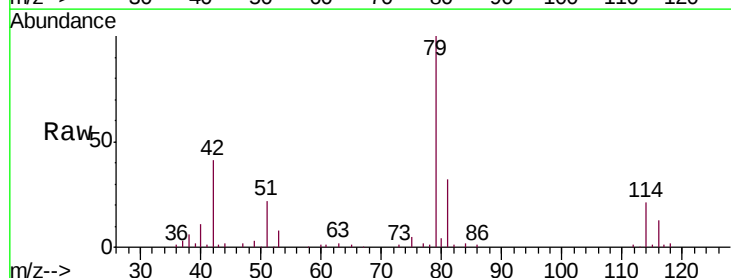
Acq: 21 Aug 2019 18:34

Tgt Ion: 75 Resp: 4691

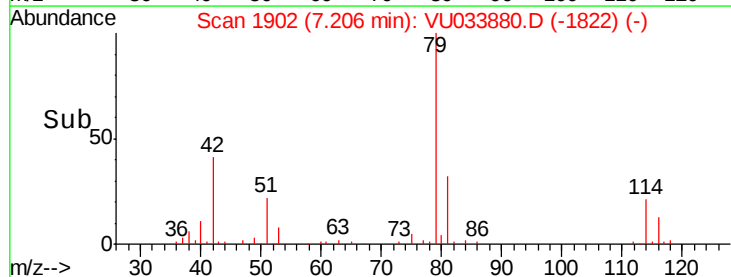
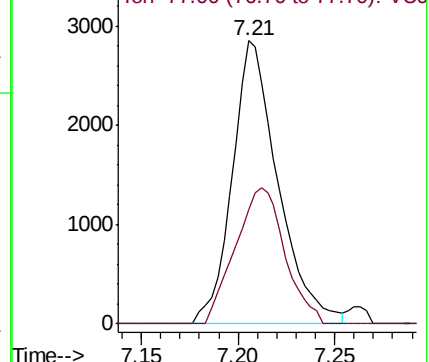
Ion Ratio Lower Upper

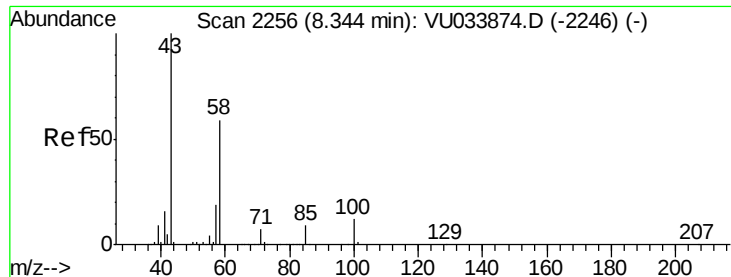
75 100

77 40.3 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU033874.D (-1893) (-)

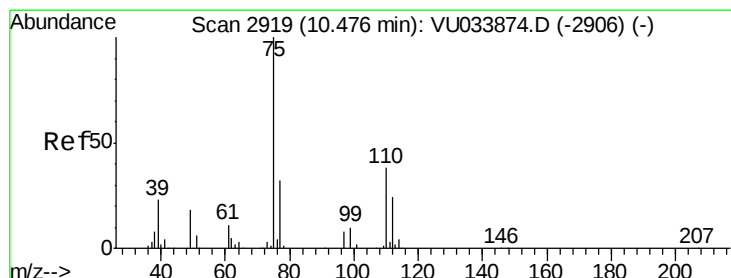
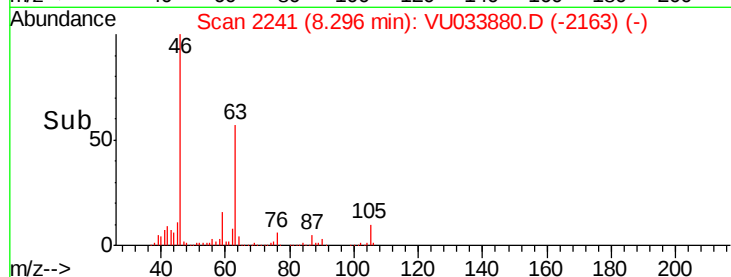
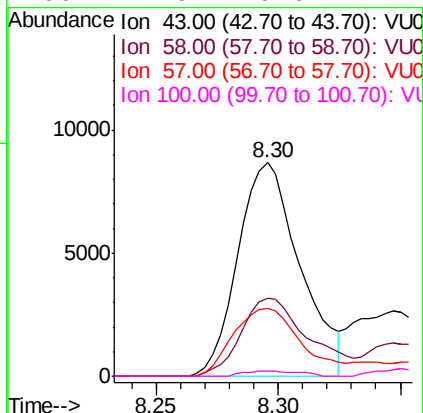
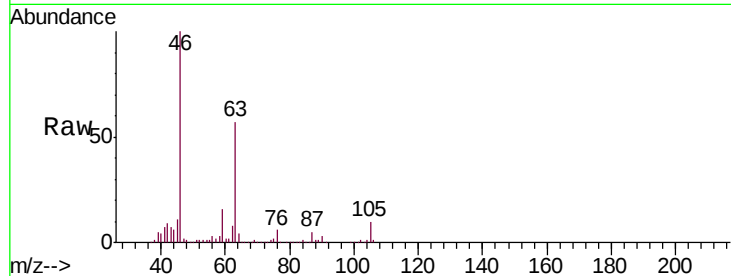




#48
 2-Hexanone
 Concen: 5.080 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033880.D
 Acq: 21 Aug 2019 18:34

Instrument :
 MSVOA_U
 ClientSampled :
 F2C05

Tgt Ion:	43	Resp:	15329
Ion	Ratio	Lower	Upper
43	100		
58	40.1	45.0	67.4#
57	34.8	15.4	23.0#
100	1.9	9.6	14.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.063 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU033880.D
 Acq: 21 Aug 2019 18:34

Tgt Ion:	75	Resp:	20105
Ion	Ratio	Lower	Upper
75	100		
77	33.7	26.0	39.0

