

Data File : VU035703.D
Acq On : 13 Nov 2019 14:43
Operator : JC/SP
Sample : K5798-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFLW7

Quant Time: Nov 14 07:41:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 14 07:39:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	701453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	670730	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	202845	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	214598	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.76%
7) Chloroethane-d5	1.93	69	192322	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.02%
11) 1,1-Dichloroethene-d2	2.59	63	267927	30.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.82%
21) 2-Butanone-d5	4.69	46	337634	102.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.02%
24) Chloroform-d	5.11	84	394774	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.75	65	245334	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
32) Benzene-d6	5.77	84	813428	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
36) 1,2-Dichloropropane-d6	6.73	67	272202	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.02%
41) Toluene-d8	7.93	98	720414	43.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.38%
43) trans-1,3-Dichloropropene-	8.21	79	119003	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.14%
47) 2-Hexanone-d5	8.67	63	216995	99.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	384498	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
64) 1,2-Dichlorobenzene-d4	12.22	152	200355	48.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.94%

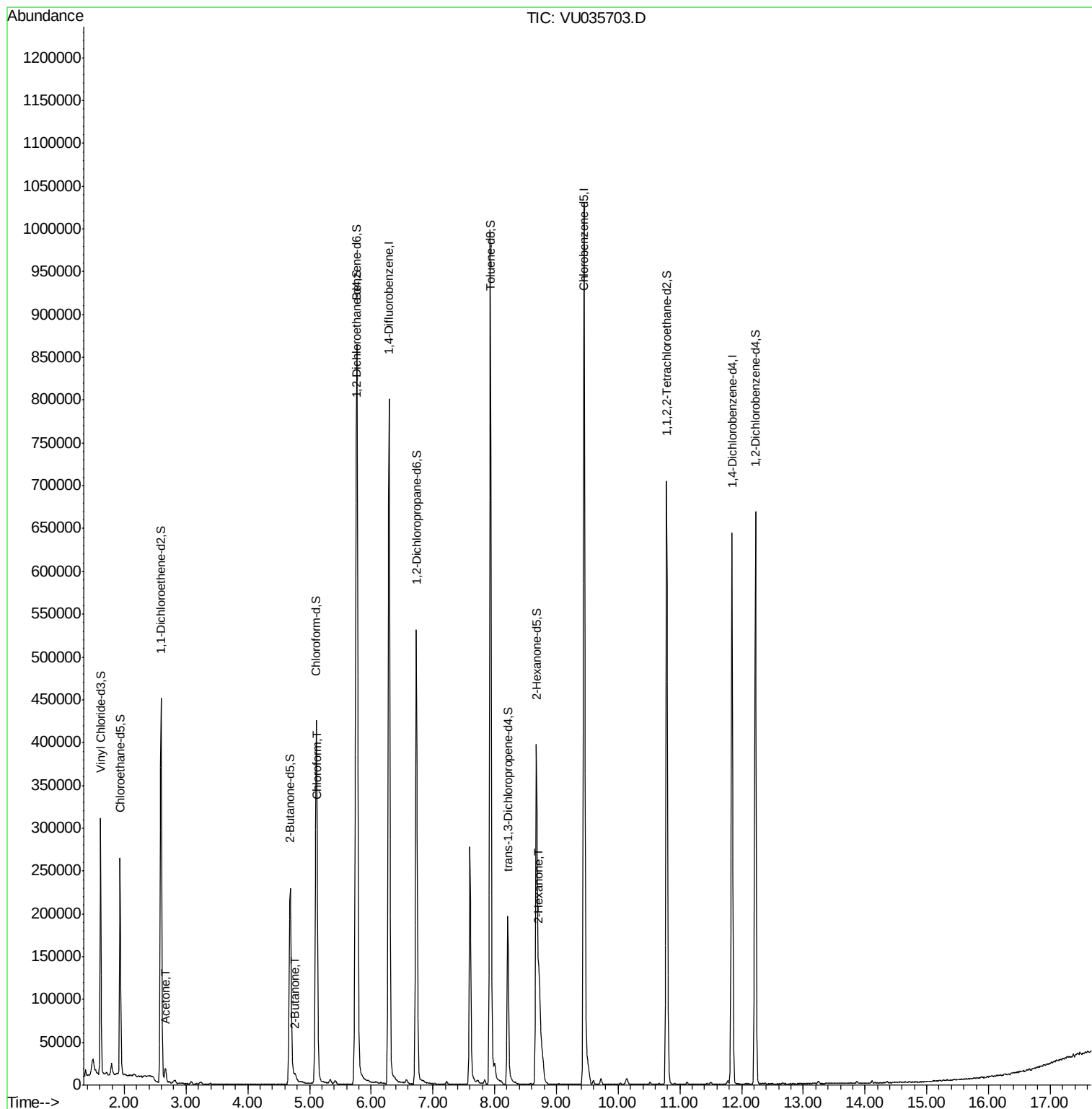
Target Compounds					Qvalue
13) Acetone	2.66	43	17493	6.008 ug/L	100
22) 2-Butanone	4.77	43	8566	2.229 ug/L	81
25) Chloroform	5.13	83	10311	1.166 ug/L	96
48) 2-Hexanone	8.73	43	34997	6.373 ug/L #	80

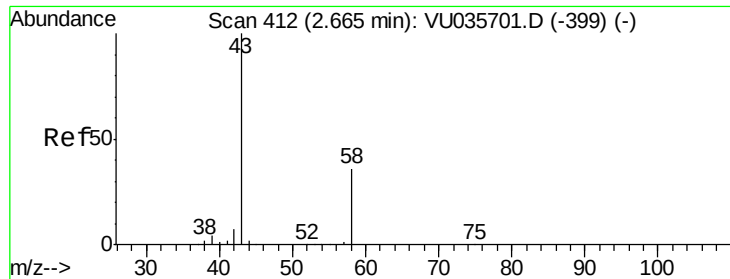
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.008 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

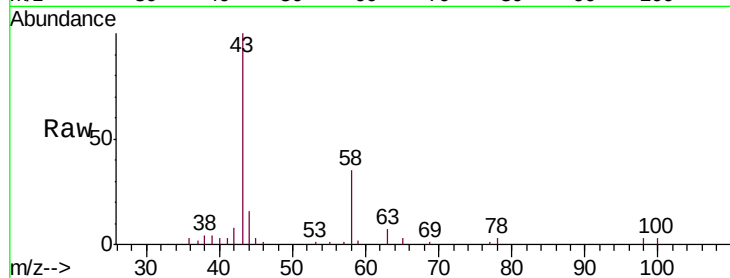
BFLW7

Tgt Ion: 43 Resp: 17493

Ion Ratio Lower Upper

43 100

58 35.0 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035703.D (-319) (-)

Ion 58.00 (57.70 to 58.70): VU035703.D (-319) (-)

2.66

10000

8000

6000

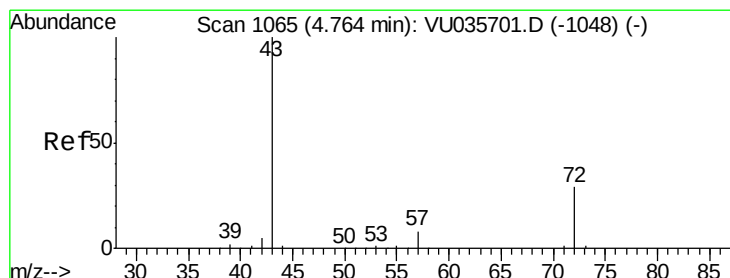
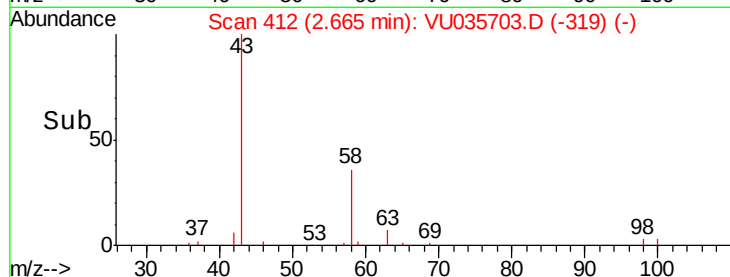
4000

2000

0

Time-->

2.60 2.65 2.70



#22

2-Butanone

Concen: 2.229 ug/L

RT: 4.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VU035703.D

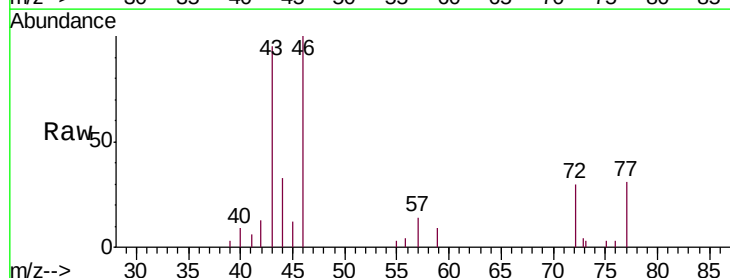
Acq: 13 Nov 2019 14:43

Tgt Ion: 43 Resp: 8566

Ion Ratio Lower Upper

43 100

72 17.2 13.5 40.4



Abundance Ion 43.00 (42.70 to 43.70): VU035703.D (-972) (-)

Ion 72.00 (71.70 to 72.70): VU035703.D (-972) (-)

4.77

4000

3000

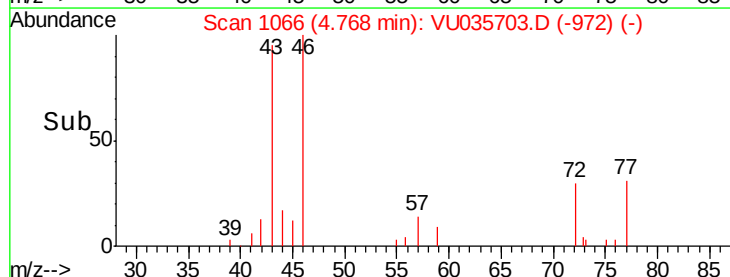
2000

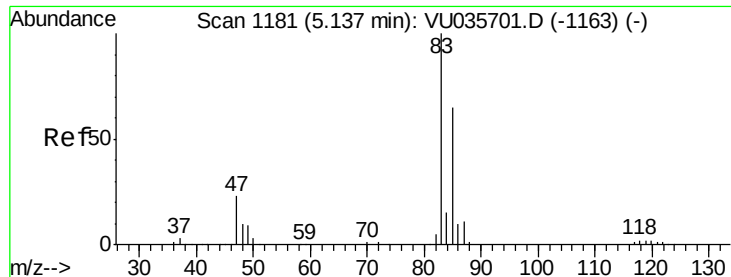
1000

0

Time-->

4.70 4.75 4.80 4.85

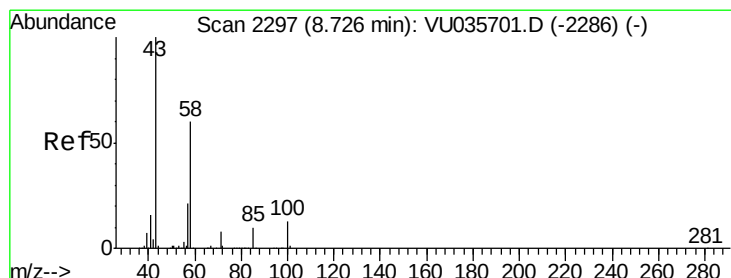
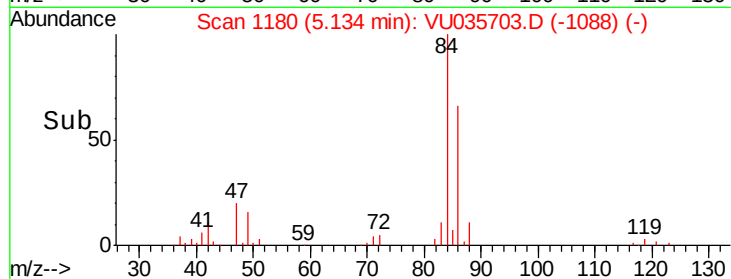
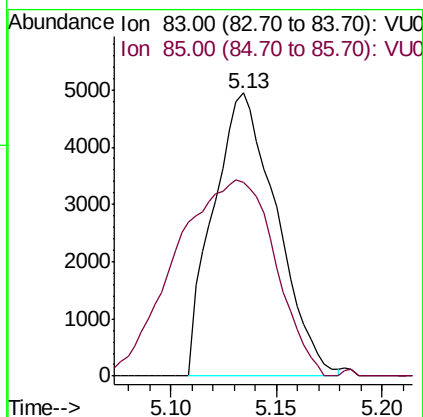
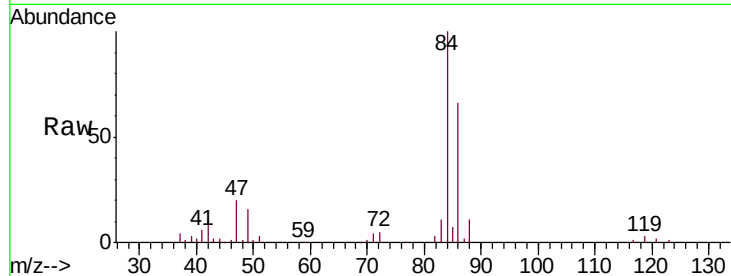




#25
Chloroform
Concen: 1.166 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
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Instrument :
MSVOA_U
ClientSampled :
BFLW7

Tgt Ion: 83 Resp: 10311
Ion Ratio Lower Upper
83 100
85 68.4 45.4 84.4



#48
2-Hexanone
Concen: 6.373 ug/L
RT: 8.73 min Scan# 2297
Delta R.T. -0.00 min
Lab File: VU035703.D
Acq: 13 Nov 2019 14:43

Tgt Ion: 43 Resp: 34997
Ion Ratio Lower Upper
43 100
58 48.6 50.4 75.6#
57 8.7 17.4 26.0#
100 7.8 10.5 15.7#

