

Data File : VU034719.D
Acq On : 21 Sep 2019 03:27
Operator : JC/SP
Sample : K5001-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCY2

Quant Time: Sep 21 05:33:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	461946	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	440819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	191387	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162448	34.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.70%
7) Chloroethane-d5	1.67	69	142427	38.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.94%
11) 1,1-Dichloroethene-d2	2.26	63	231064	28.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.70%#
21) 2-Butanone-d5	4.15	46	346012	95.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.47%
24) Chloroform-d	4.62	84	300555	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.29	65	221734	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
32) Benzene-d6	5.32	84	601182	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.31	67	212979	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.20%
41) Toluene-d8	7.54	98	556618	42.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.64%
43) trans-1,3-Dichloropropene-	7.83	79	89230	39.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.02%
47) 2-Hexanone-d5	8.29	63	203873	85.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	288051	43.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.94%
64) 1,2-Dichlorobenzene-d4	11.84	152	180507	44.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.96%

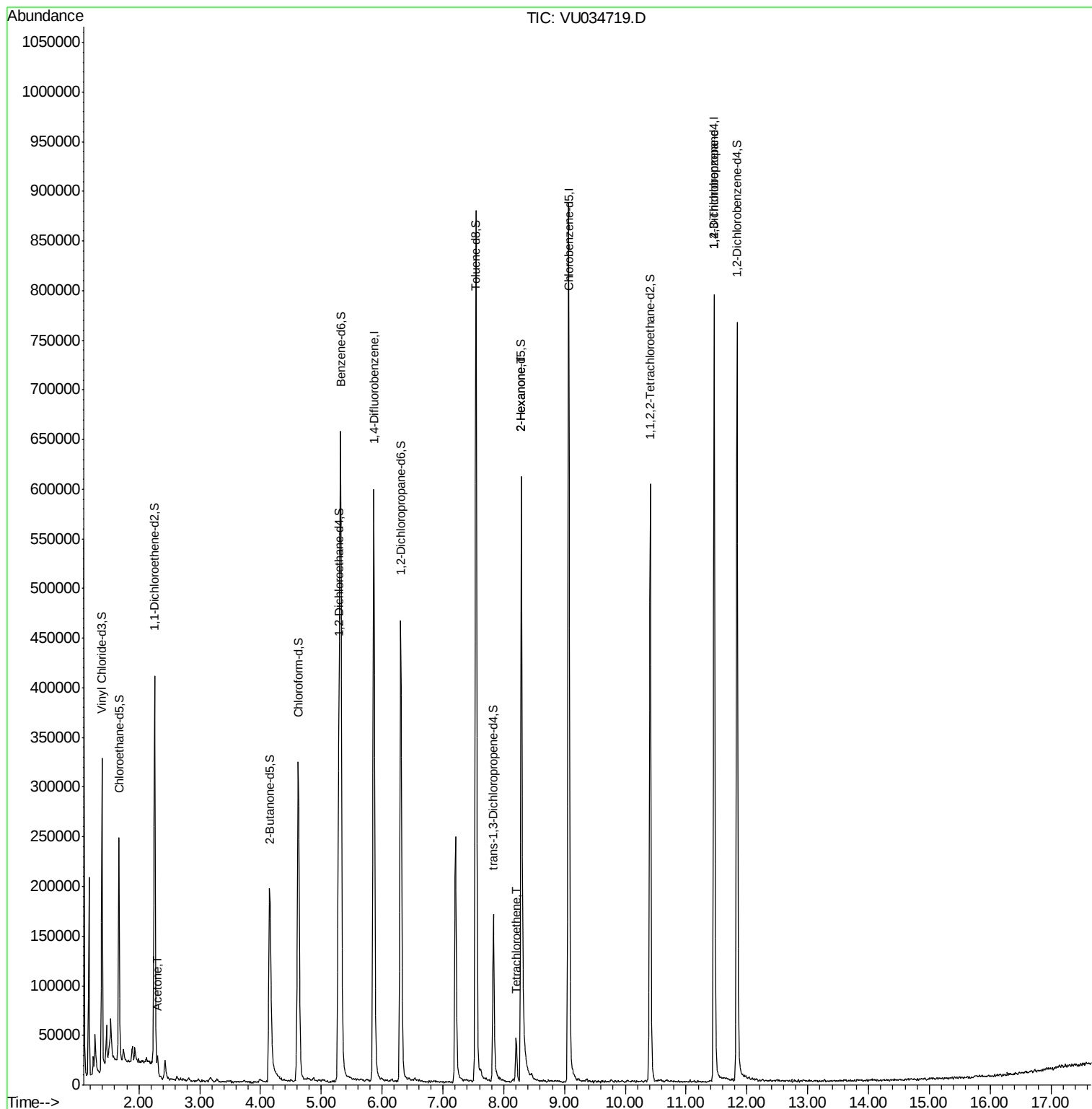
Target Compounds					Qvalue
13) Acetone	2.31	43	21486	5.096 ug/L	99
46) Tetrachloroethene	8.21	164	8252	3.107 ug/L	96
48) 2-Hexanone	8.29	43	30913	4.554 ug/L #	70
59) 1,2,3-Trichloropropane	11.46	75	29313	5.155 ug/L	90

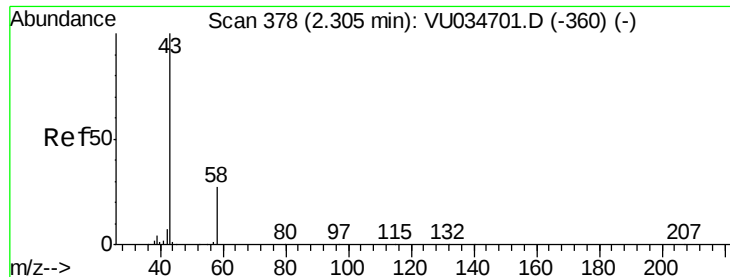
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.096 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU034719.D

Acq: 21 Sep 2019 03:27

Instrument :

MSVOA_U

ClientSampled :

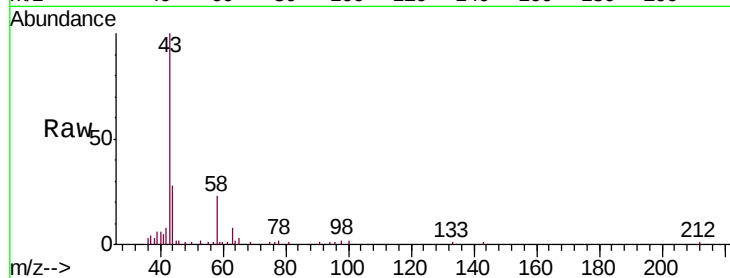
BFCY2

Tgt Ion: 43 Resp: 21486

Ion Ratio Lower Upper

43 100

58 26.1 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034719.D (-285) (-)

Ion 58.00 (57.70 to 58.70): VU034719.D (-285) (-)

2.31

15000

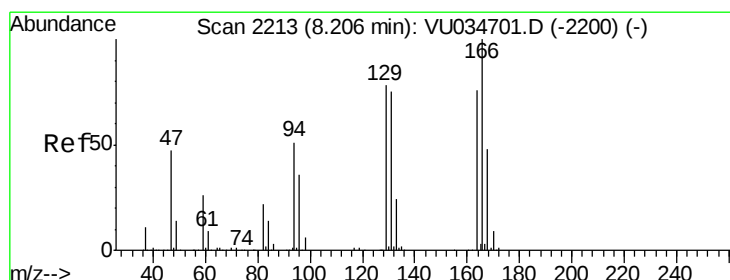
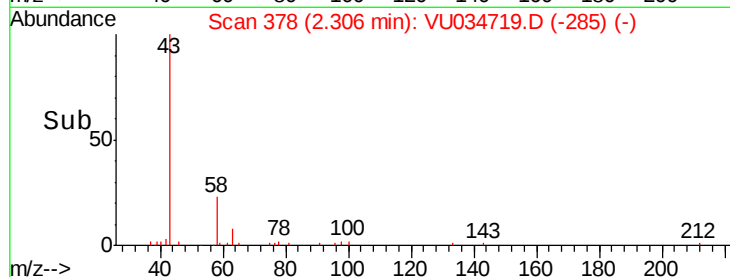
10000

5000

0

Time-->

2.25 2.30 2.35



#46

Tetrachloroethene

Concen: 3.107 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034719.D

Acq: 21 Sep 2019 03:27

Tgt Ion: 164 Resp: 8252

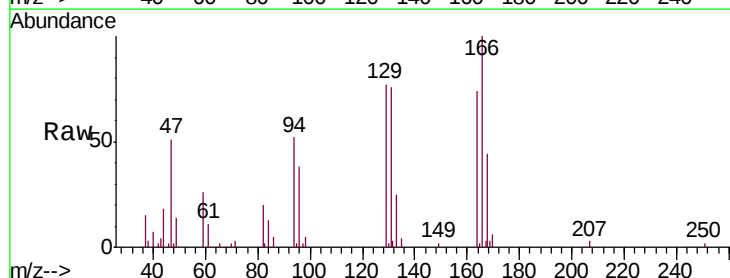
Ion Ratio Lower Upper

164 100

129 101.1 71.9 133.5

131 103.7 66.3 123.1

166 130.5 93.4 173.6



Abundance Ion 164.00 (163.70 to 164.70): VU034719.D (-2120) (-)

Ion 129.00 (128.70 to 129.70): VU034719.D (-2120) (-)

Ion 131.00 (130.70 to 131.70): VU034719.D (-2120) (-)

Ion 166.00 (165.70 to 166.70): VU034719.D (-2120) (-)

8.21

10000

8000

6000

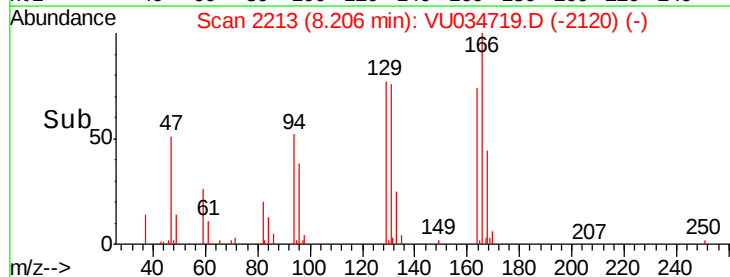
4000

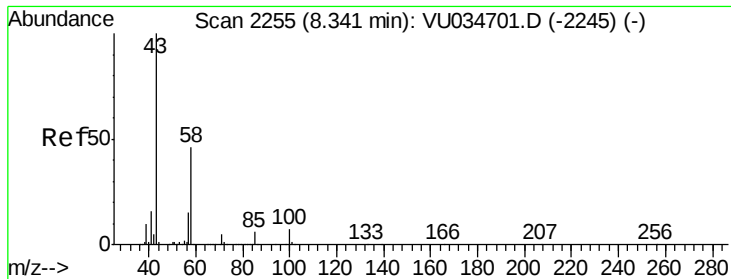
2000

0

Time-->

8.15 8.20 8.25

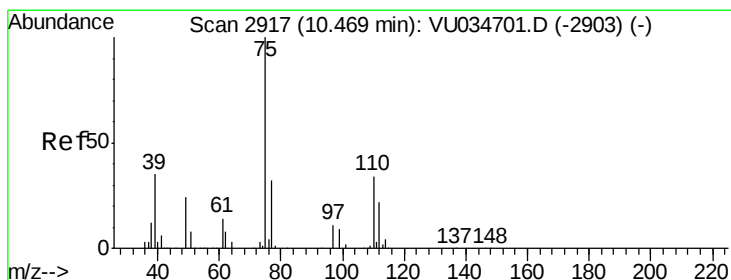
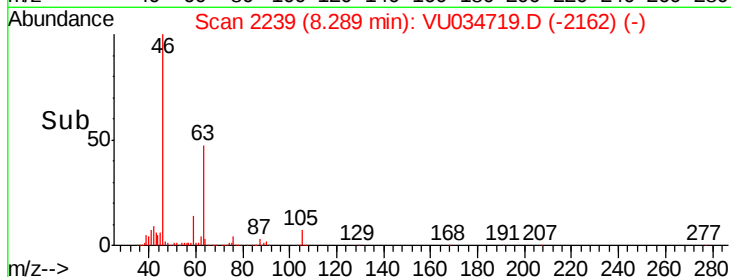
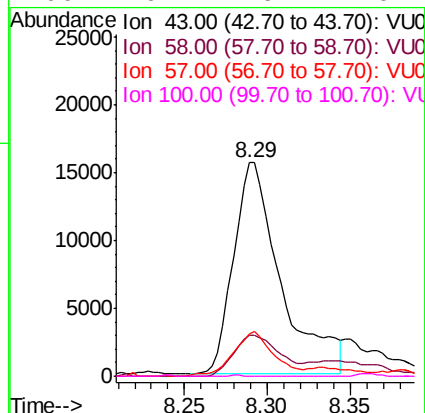
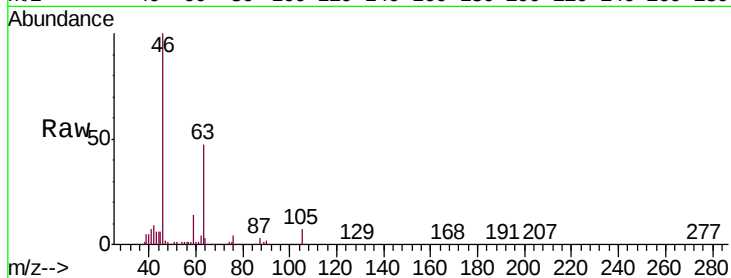




#48
 2-Hexanone
 Concen: 4.554 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.05 min
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Tgt Ion:	43	Resp:	30913
Ion	Ratio	Lower	Upper
43	100		
58	18.5	35.3	52.9#
57	18.0	12.1	18.1
100	0.2	6.2	9.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.155 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034719.D
 Acq: 21 Sep 2019 03:27

Tgt Ion:	75	Resp:	29313
Ion	Ratio	Lower	Upper
75	100		
77	36.5	24.6	37.0

