

Data File : VU032026.D
Acq On : 15 May 2019 13:00
Operator : JC/SP
Sample : K2862-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHK5

Quant Time: May 16 04:28:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1052160	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1041332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	420074	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	341238	36.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.92%
7) Chloroethane-d5	1.67	69	301095	40.28	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.56%
11) 1,1-Dichloroethene-d2	2.27	63	488914	29.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.08%#
21) 2-Butanone-d5	4.17	46	590872	91.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.39%
24) Chloroform-d	4.64	84	642220	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
26) 1,2-Dichloroethane-d4	5.31	65	417224	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
32) Benzene-d6	5.34	84	1362560	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.32	67	451556	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.80%
41) Toluene-d8	7.56	98	1157060	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%
43) trans-1,3-Dichloropropene-	7.85	79	185887	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.72%
47) 2-Hexanone-d5	8.31	63	380254	94.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	636902	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	419174	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%

Target Compounds

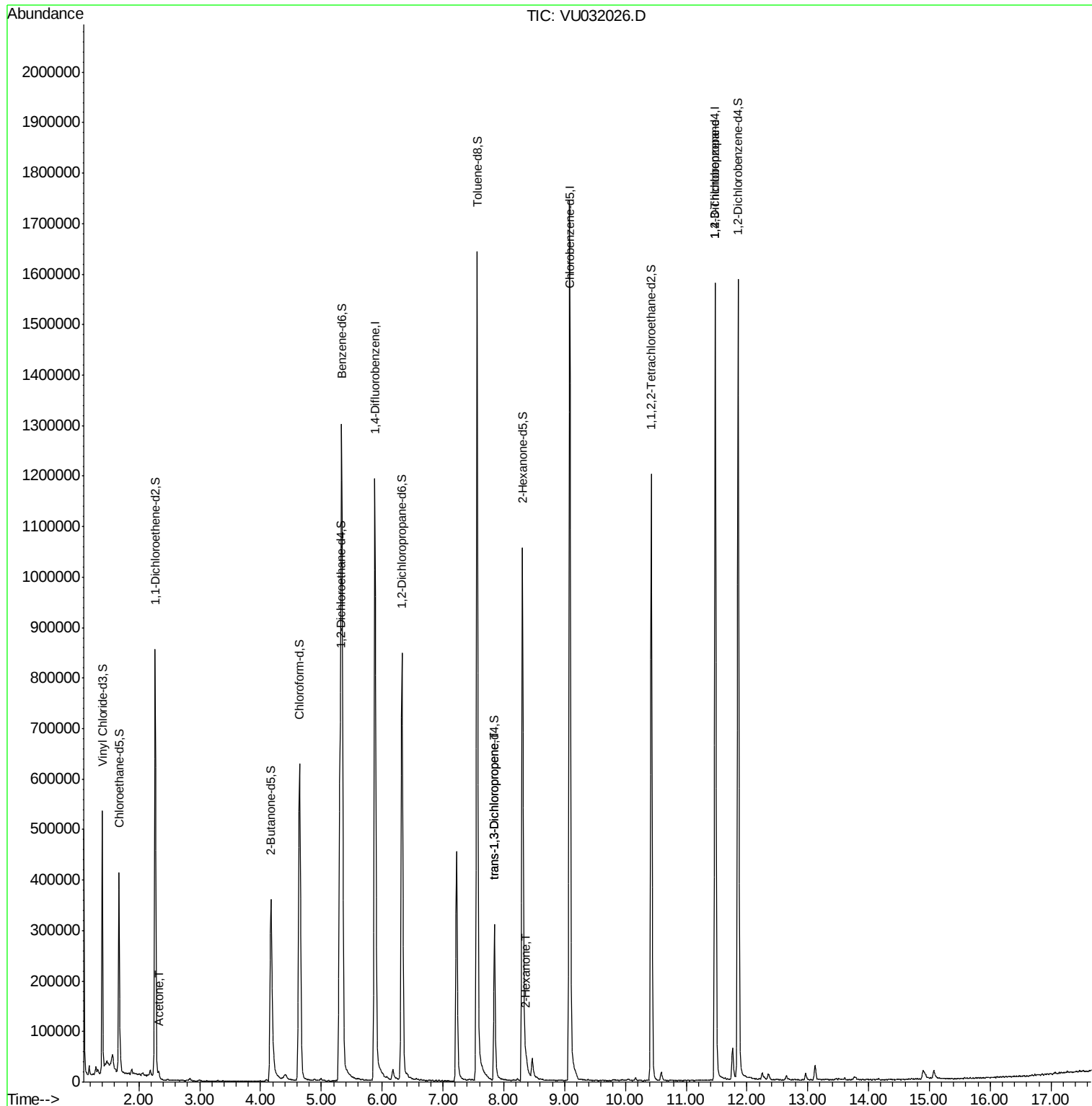
						Qvalue
13) Acetone	2.32	43	8207	1.235	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	6932	0.607	ug/L	83
48) 2-Hexanone	8.37	43	21994	2.180	ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	53864	4.507	ug/L	97

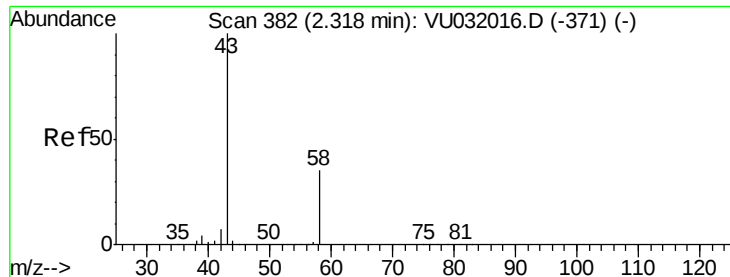
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.235 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

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Acq: 15 May 2019 13:00

Instrument :

MSVOA_U

ClientSampleId :

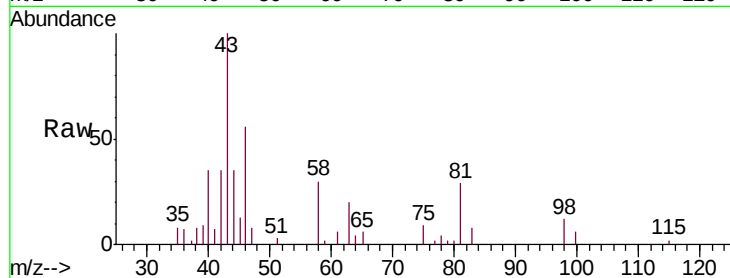
BFHK5

Tgt Ion: 43 Resp: 8207

Ion Ratio Lower Upper

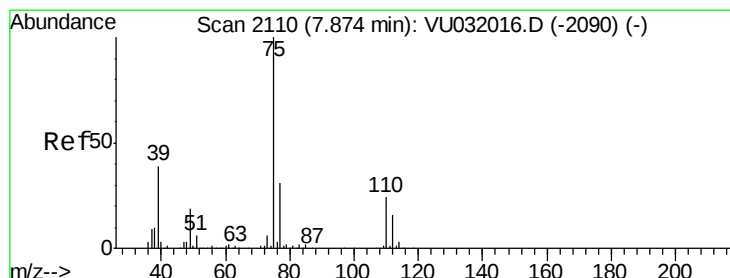
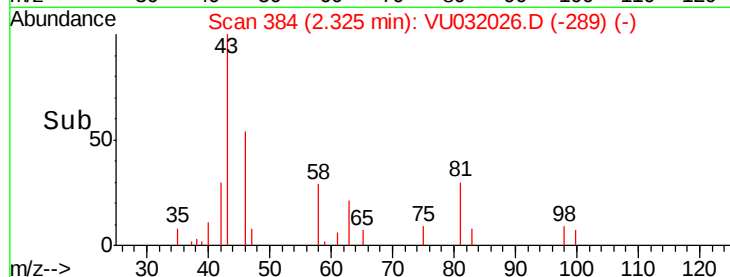
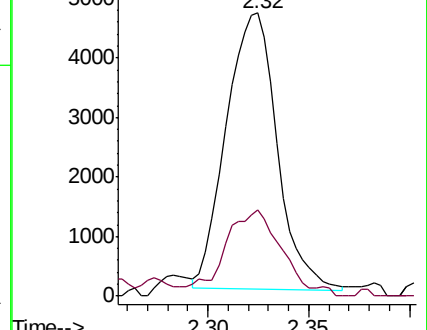
43 100

58 32.2 0.0 68.2



Abundance Ion 43.00 (42.70 to 43.70): VU032016.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU032016.D (-371) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.607 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032026.D

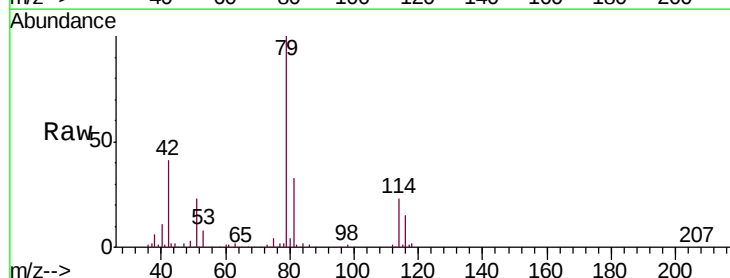
Acq: 15 May 2019 13:00

Tgt Ion: 75 Resp: 6932

Ion Ratio Lower Upper

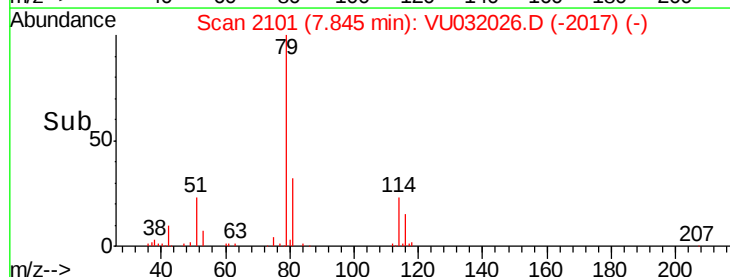
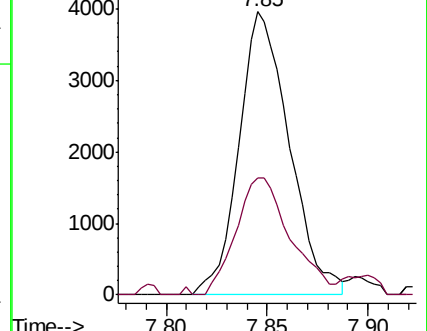
75 100

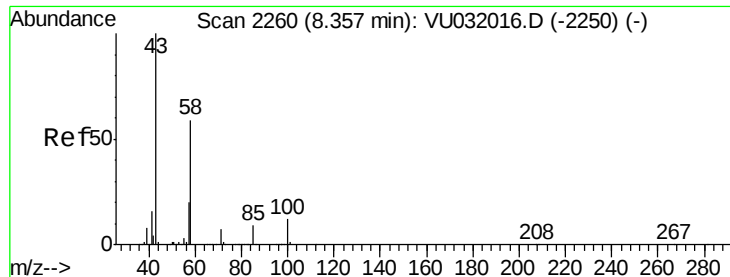
77 41.3 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU032016.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU032016.D (-2090) (-)

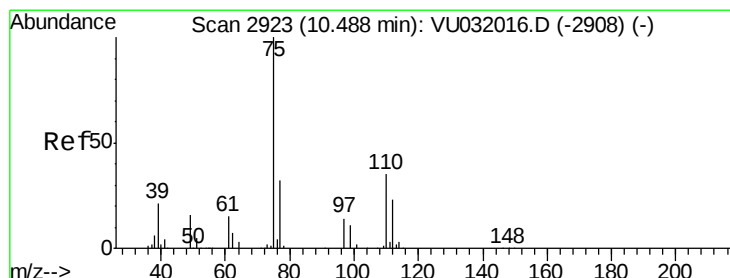
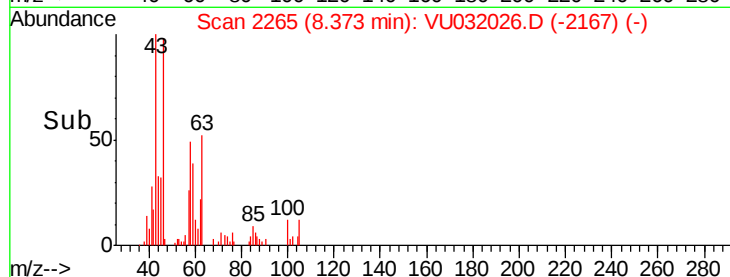
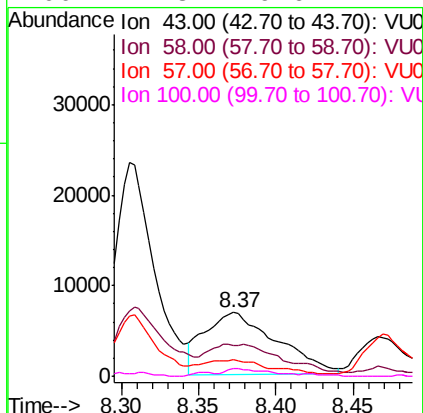
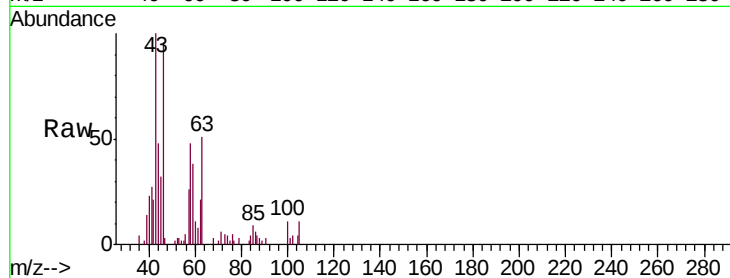




#48
2-Hexanone
Concen: 2.180 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.02 min
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Tgt Ion: 43 Resp: 21994
Ion Ratio Lower Upper
43 100
58 7.7 47.8 71.6#
57 0.0 16.0 24.0#
100 2.3 9.6 14.4#



#59
1,2,3-Trichloropropane
Concen: 4.507 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032026.D
Acq: 15 May 2019 13:00

Tgt Ion: 75 Resp: 53864
Ion Ratio Lower Upper
75 100
77 33.7 25.7 38.5

