

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062519\
 Data File : VU033044.D
 Acq On : 25 Jun 2019 10:57
 Operator : JC/SP
 Sample : K3478-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF39

Quant Time: Jun 26 07:46:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 07:06:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	185382	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60623	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.22%
7) Chloroethane-d5	1.68	69	52144	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.54%
11) 1,1-Dichloroethene-d2	2.26	63	96897	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.96%
21) 2-Butanone-d5	4.17	46	124442	114.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.95%
24) Chloroform-d	4.64	84	131598	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
26) 1,2-Dichloroethane-d4	5.30	65	92955	55.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.38%
32) Benzene-d6	5.33	84	252488	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.50%
36) 1,2-Dichloropropane-d6	6.32	67	82396	53.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.04%
41) Toluene-d8	7.56	98	226888	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%
43) trans-1,3-Dichloropropene-	7.84	79	38279	47.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.60%
47) 2-Hexanone-d5	8.31	63	74157	103.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.16%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	120332	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	87097	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%

Target Compounds

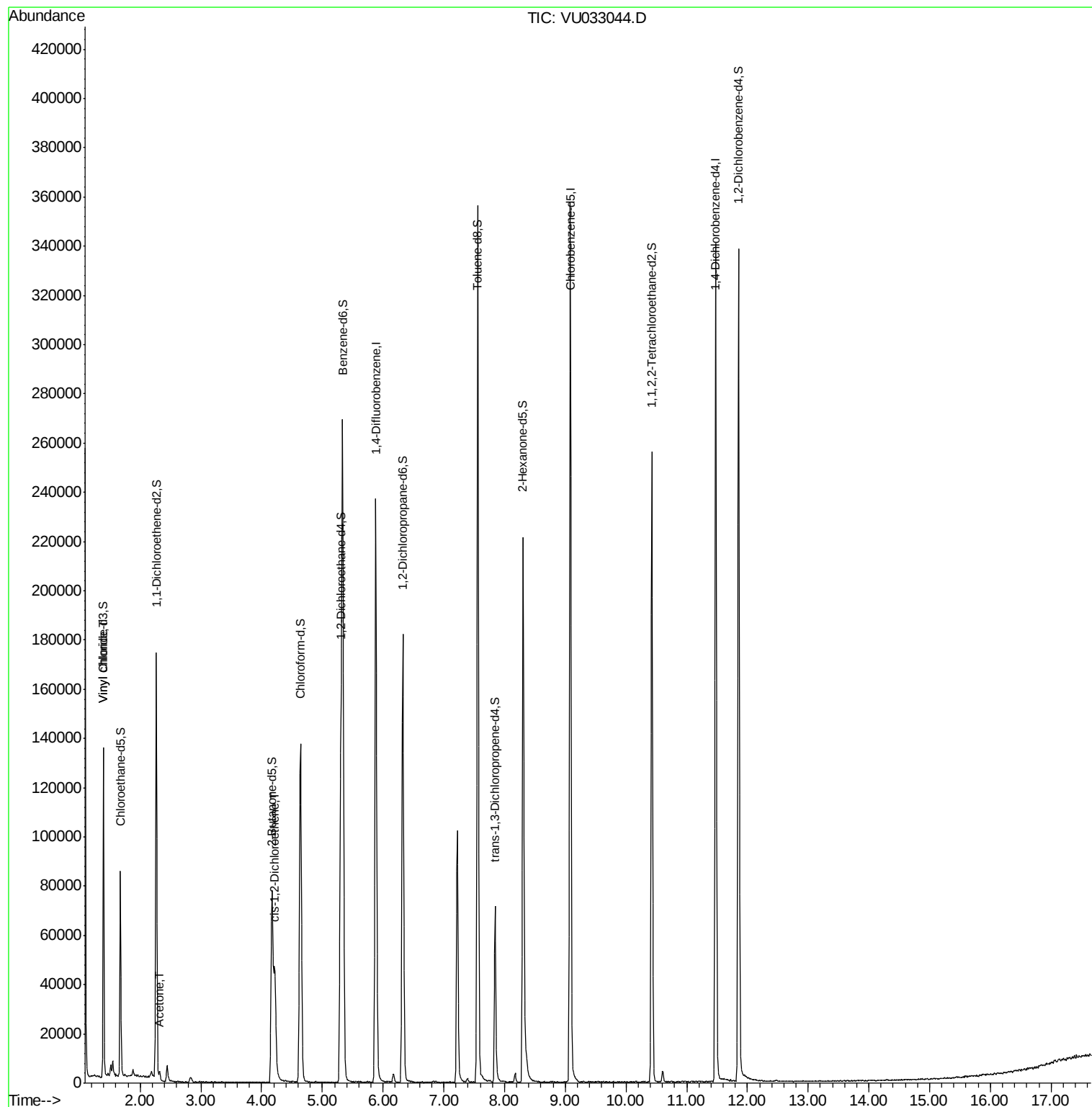
					Ovalue
5) Vinyl chloride	1.40	62	24748	14.320 ug/L	95
13) Acetone	2.32	43	3046	2.037 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	19524	13.790 ug/L	99

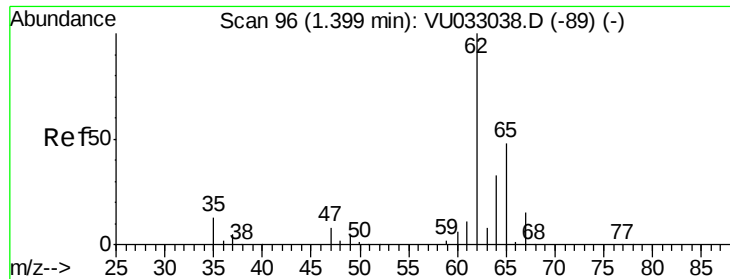
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 14.320 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU033044.D

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Instrument :

MSVOA_U

ClientSampled :

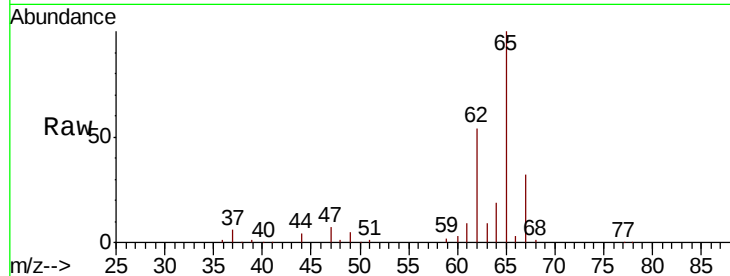
ETF39

Tot Ion: 62 Resp: 24748

Ion Ratio Lower Upper

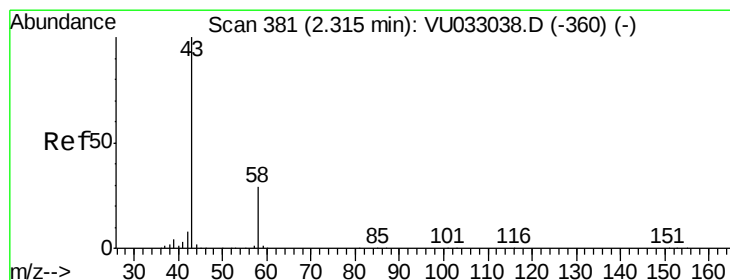
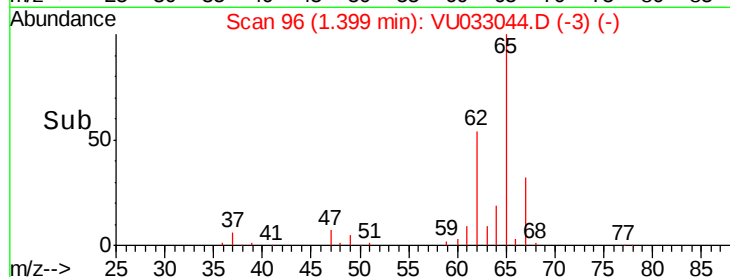
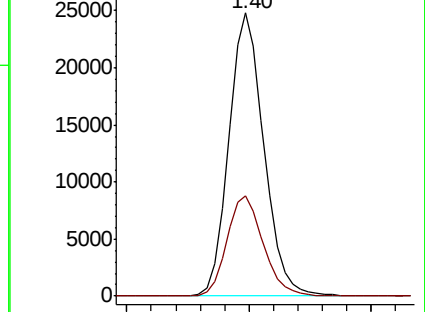
62 100

64 35.4 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU033044.D (-3) (-)

Ion 64.00 (63.70 to 64.70): VU033044.D (-3) (-)



#13

Acetone

Concen: 2.037 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU033044.D

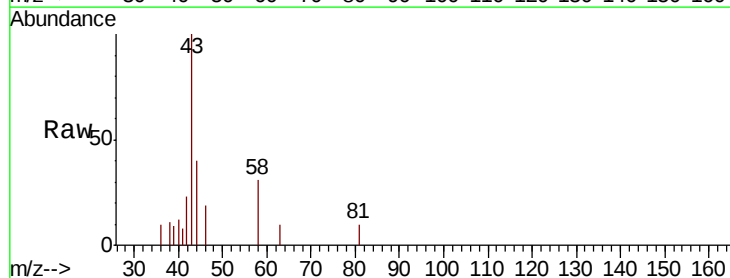
Acq: 25 Jun 2019 10:57

Tgt Ion: 43 Resp: 3046

Ion Ratio Lower Upper

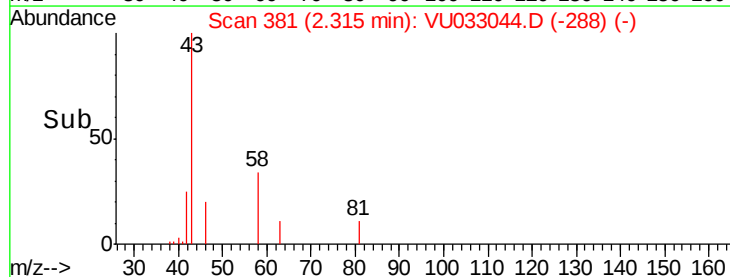
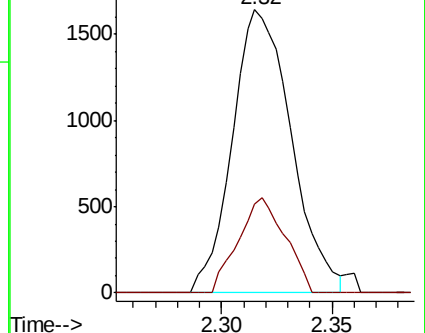
43 100

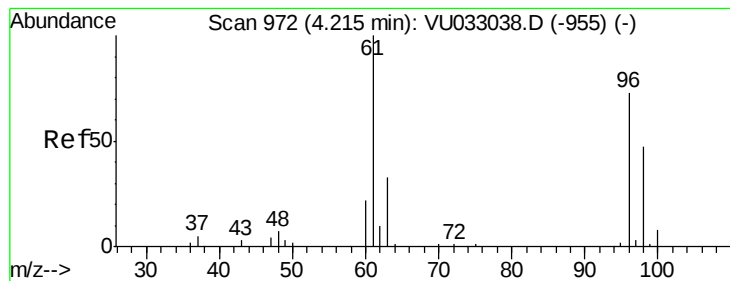
58 26.6 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU033044.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU033044.D (-288) (-)





#20
 cis-1,2-Dichloroethene
 Concen: 13.790 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU033044.D
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Tot Ion: 96 Resp: 19524
 Ion Ratio Lower Upper
 96 100
 61 133.2 92.4 171.6
 68 0.0 0.0 0.0

