

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062519\
 Data File : VU033043.D
 Acq On : 25 Jun 2019 10:34
 Operator : JC/SP
 Sample : K3478-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF37

Quant Time: Jun 26 07:41:00 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	193895	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87339	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61574	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.94%
7) Chloroethane-d5	1.68	69	53700	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.62%
11) 1,1-Dichloroethene-d2	2.26	63	97251	36.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.86%
21) 2-Butanone-d5	4.17	46	127752	115.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.83%
24) Chloroform-d	4.64	84	133022	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.28%
26) 1,2-Dichloroethane-d4	5.30	65	93978	54.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.54%
32) Benzene-d6	5.33	84	256520	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.32	67	83394	52.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.54%
41) Toluene-d8	7.56	98	229958	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%
43) trans-1,3-Dichloropropene-	7.85	79	40403	49.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.28%
47) 2-Hexanone-d5	8.31	63	72274	97.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.94%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	121854	49.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	88851	52.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.14%

Target Compounds

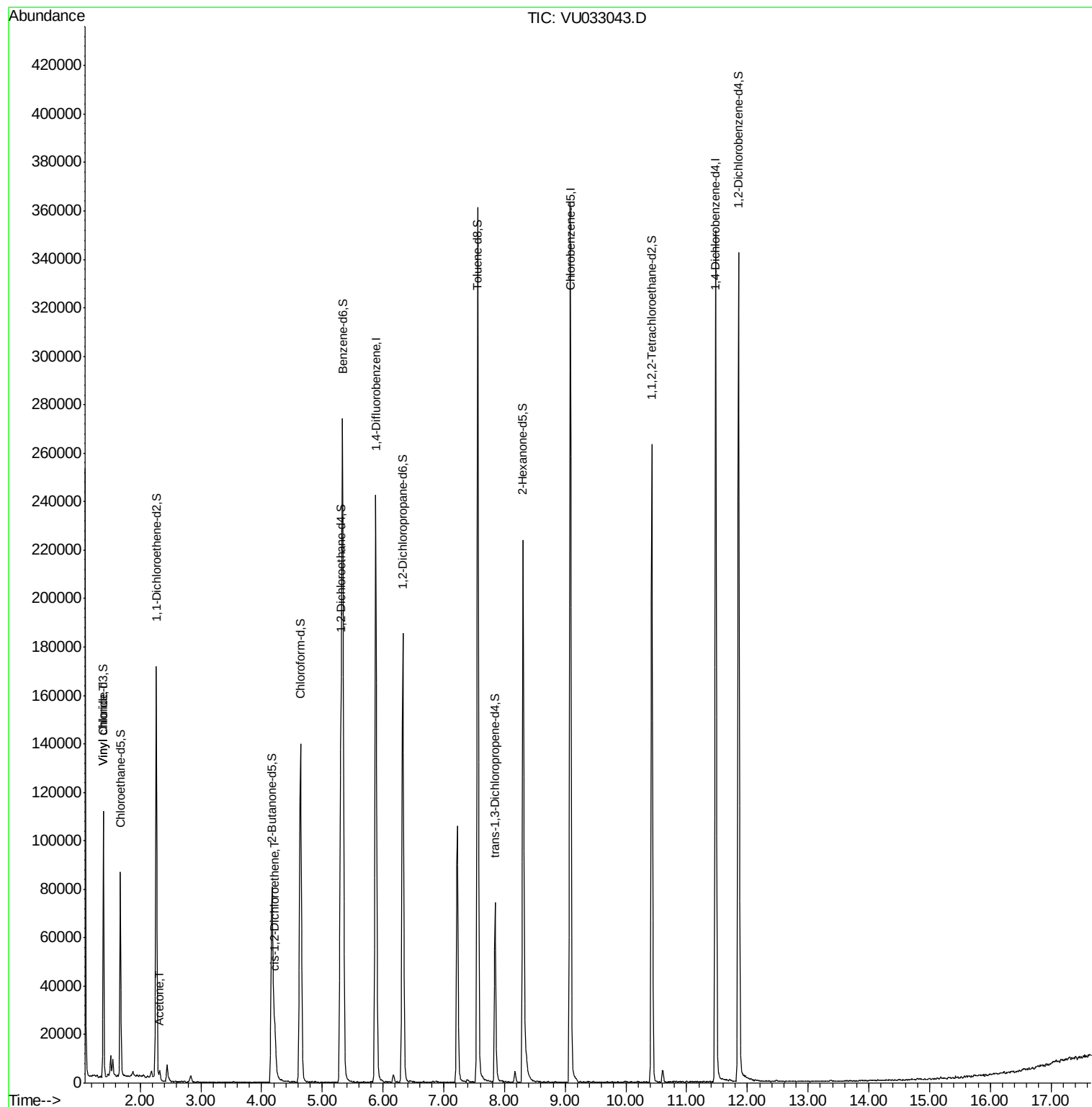
					Ovalue
5) Vinyl chloride	1.40	62	9098	5.167 ug/L	86
13) Acetone	2.32	43	3438	2.257 ug/L	87
20) cis-1,2-Dichloroethene	4.22	96	6947	4.816 ug/L	89

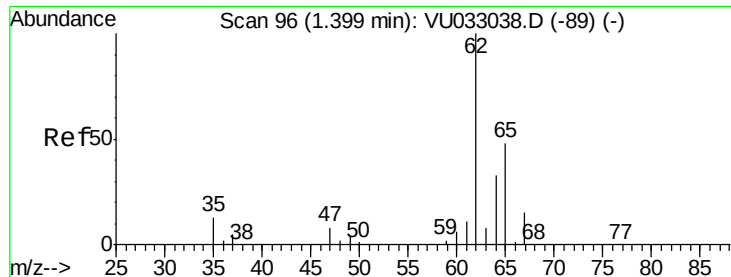
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.167 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU033043.D

Acq: 25 Jun 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

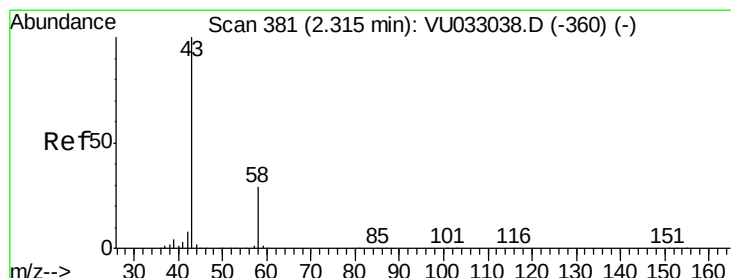
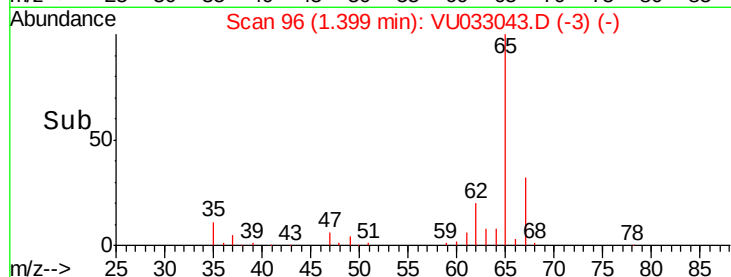
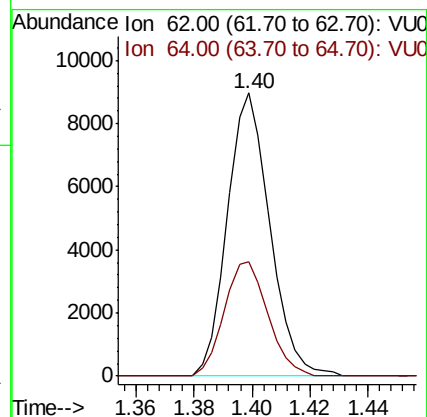
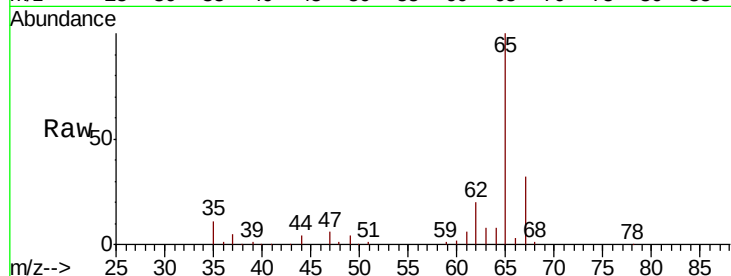
ETF37

Tot Ion: 62 Resp: 9098

Ion Ratio Lower Upper

62 100

64 40.5 23.0 42.6



#13

Acetone

Concen: 2.257 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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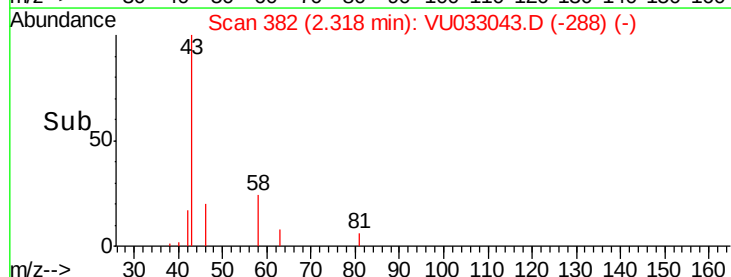
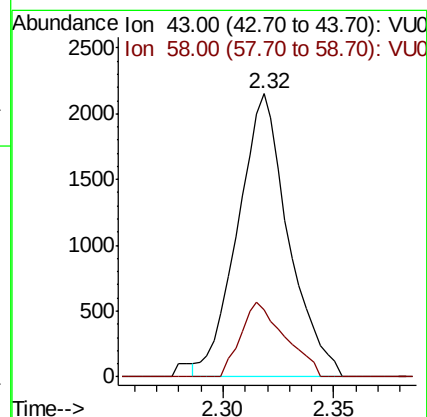
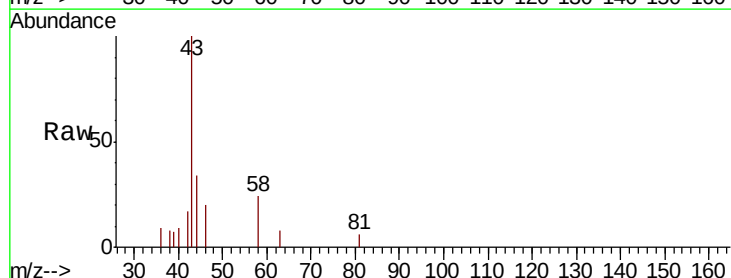
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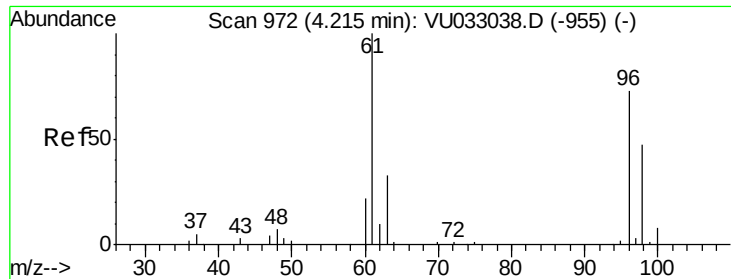
Tgt Ion: 43 Resp: 3438

Ion Ratio Lower Upper

43 100

58 23.1 0.0 60.6





#20
 cis-1,2-Dichloroethene
 Concen: 4.816 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU033043.D
 Acq: 25 Jun 2019 10:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF37

Tot Ion: 96 Resp: 6947
 Ion Ratio Lower Upper
 96 100
 61 145.2 92.4 171.6
 68 0.0 0.0 0.0

