

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033019.D
 Acq On : 24 Jun 2019 20:37
 Operator : JC/SP
 Sample : K3463-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF04

Quant Time: Jun 25 07:29:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 06:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	196912	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	191489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93101	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65080	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.72%
7) Chloroethane-d5	1.68	69	54880	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.26%
11) 1,1-Dichloroethene-d2	2.27	63	101386	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.80%
21) 2-Butanone-d5	4.17	46	121381	108.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.37%
24) Chloroform-d	4.64	84	131699	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
26) 1,2-Dichloroethane-d4	5.30	65	92830	53.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.54%
32) Benzene-d6	5.33	84	259229	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.86%
36) 1,2-Dichloropropane-d6	6.32	67	82574	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.86%
41) Toluene-d8	7.56	98	235139	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.84	79	39702	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.00%
47) 2-Hexanone-d5	8.31	63	71802	96.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	119905	48.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	93568	51.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.88%

Target Compounds

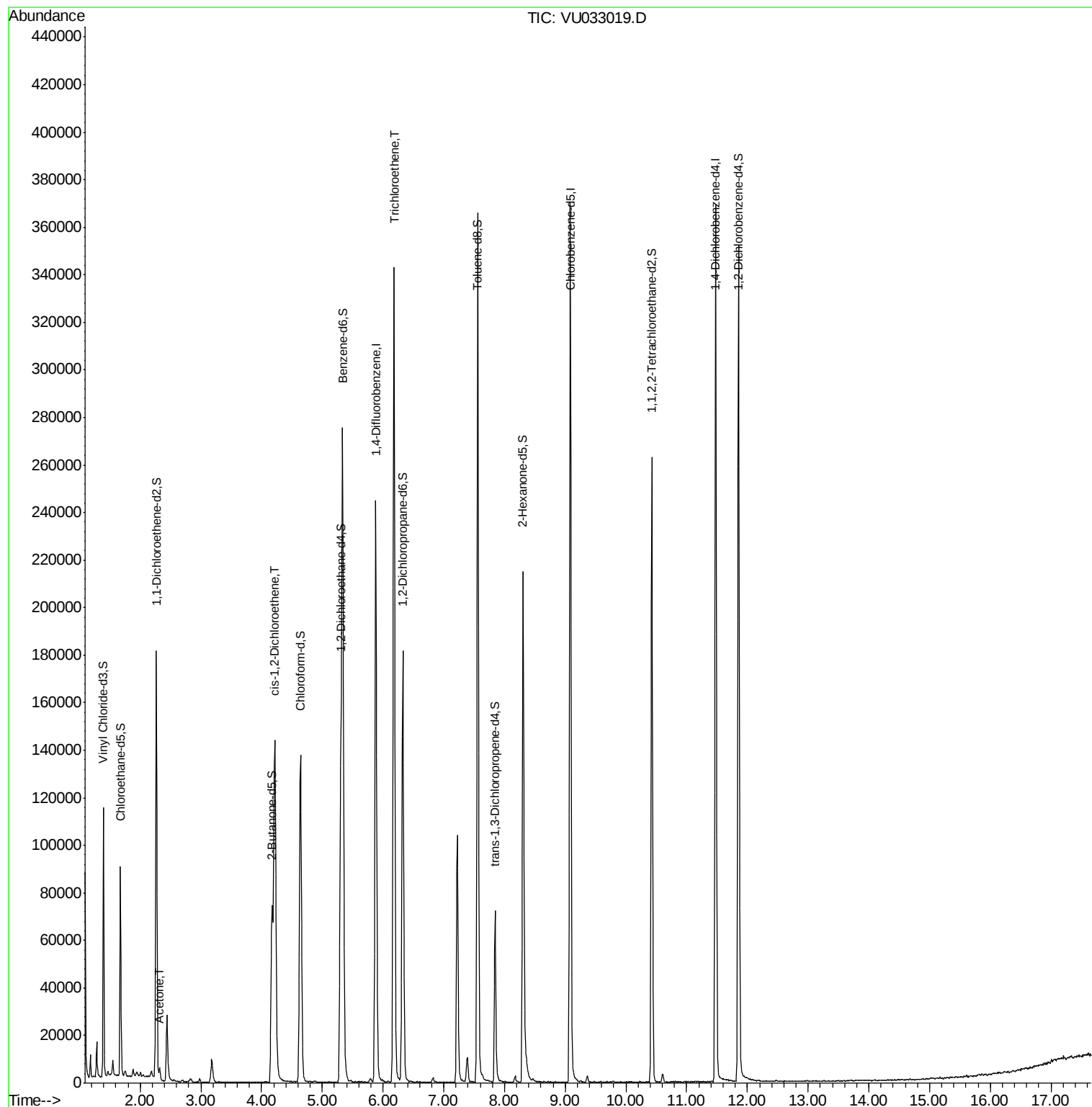
					Ovalue
13) Acetone	2.32	43	4823	3.117 ug/L	85
20) cis-1,2-Dichloroethene	4.22	96	75268	51.381 ug/L	98
34) Trichloroethene	6.18	95	112115	76.068 ug/L	97

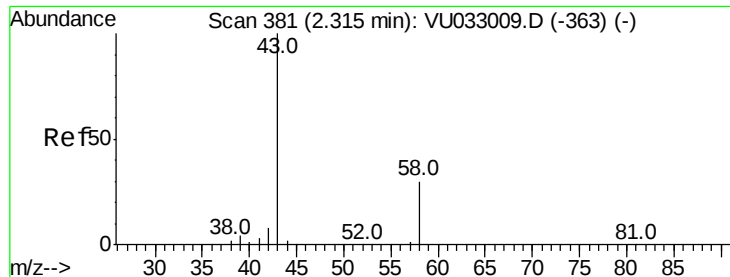
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.117 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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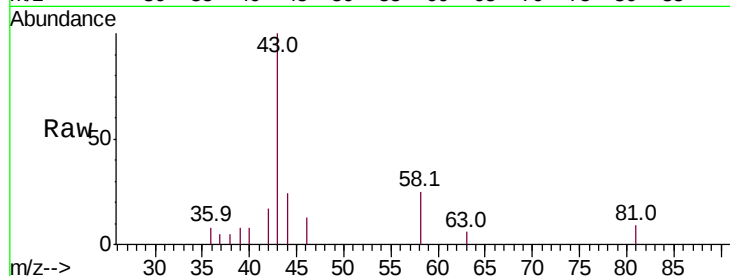
Instrument :
MSVOA_U
ClientSampleId :
ETF04

Tot Ion: 43 Resp: 4823

Ion Ratio Lower Upper

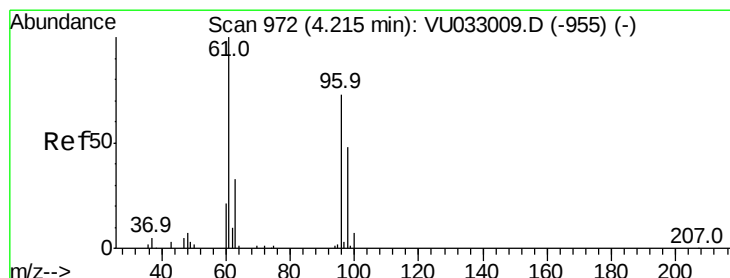
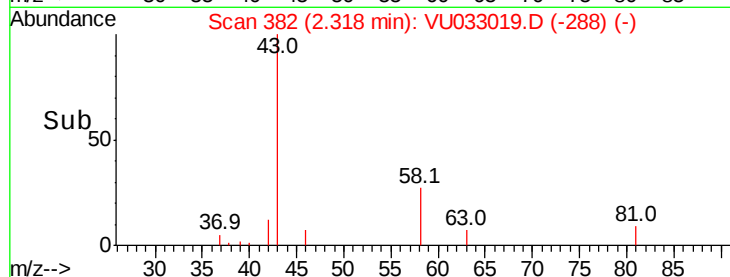
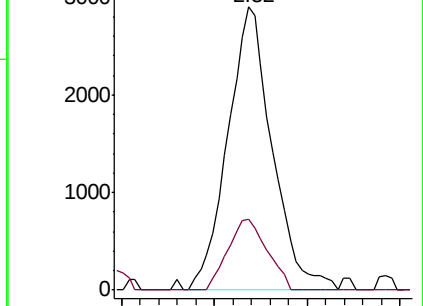
43 100

58 22.0 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU033019.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU033019.D (-363) (-)



#20

cis-1,2-Dichloroethene

Concen: 51.381 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

Lab File: VU033019.D

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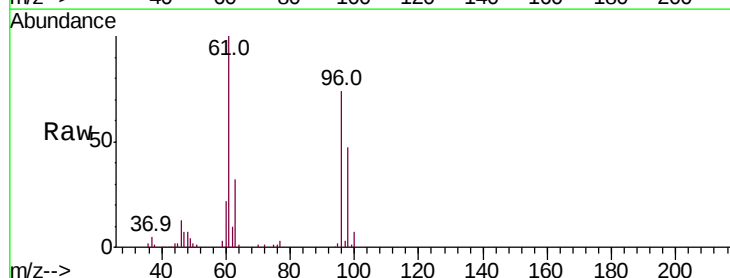
Tgt Ion: 96 Resp: 75268

Ion Ratio Lower Upper

96 100

61 134.3 92.4 171.6

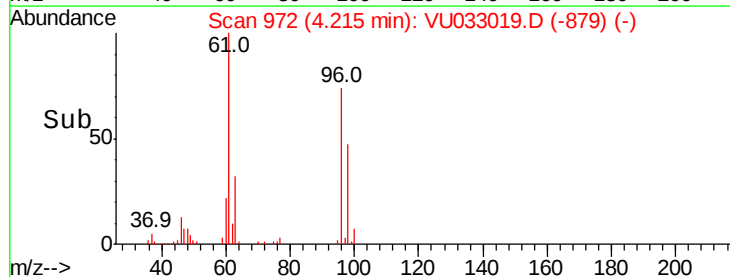
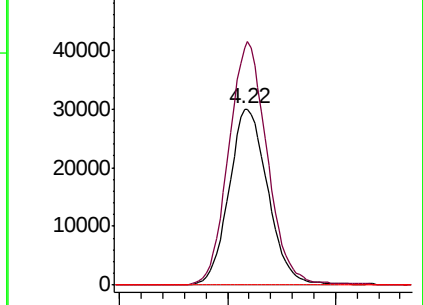
68 0.0 0.0 0.0

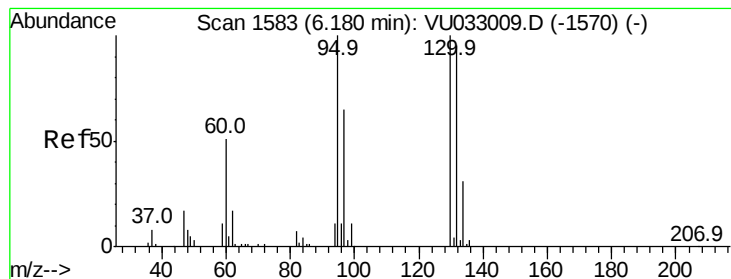


Abundance Ion 96.00 (95.70 to 96.70): VU033019.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU033019.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU033019.D (-955) (-)





#34

Trichloroethene

Concen: 76.068 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

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ETF04

Tot Ion: 95 Resp: 112115

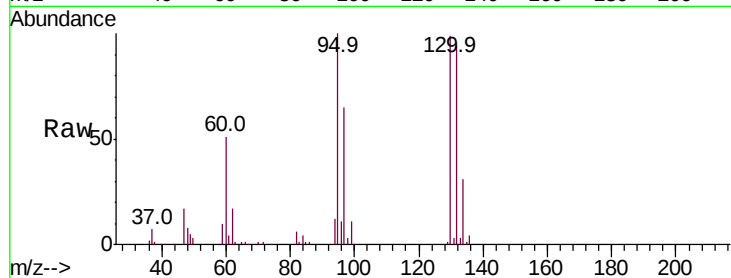
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 93.9 68.5 127.3

130 98.6 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

