

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033020.D
 Acq On : 24 Jun 2019 21:00
 Operator : JC/SP
 Sample : K3463-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF05

Quant Time: Jun 25 07:32:41 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	189628	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188901	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91555	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62890	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.06%
7) Chloroethane-d5	1.68	69	53055	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.66%
11) 1,1-Dichloroethene-d2	2.26	63	97742	37.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.88%
21) 2-Butanone-d5	4.17	46	121186	112.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.35%
24) Chloroform-d	4.64	84	127307	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
26) 1,2-Dichloroethane-d4	5.30	65	88620	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
32) Benzene-d6	5.33	84	247379	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
36) 1,2-Dichloropropane-d6	6.32	67	80939	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.20%
41) Toluene-d8	7.56	98	225922	48.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.98%
43) trans-1,3-Dichloropropene-	7.85	79	39151	47.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.96%
47) 2-Hexanone-d5	8.31	63	72373	98.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.81%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	116310	47.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	88516	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%

Target Compounds

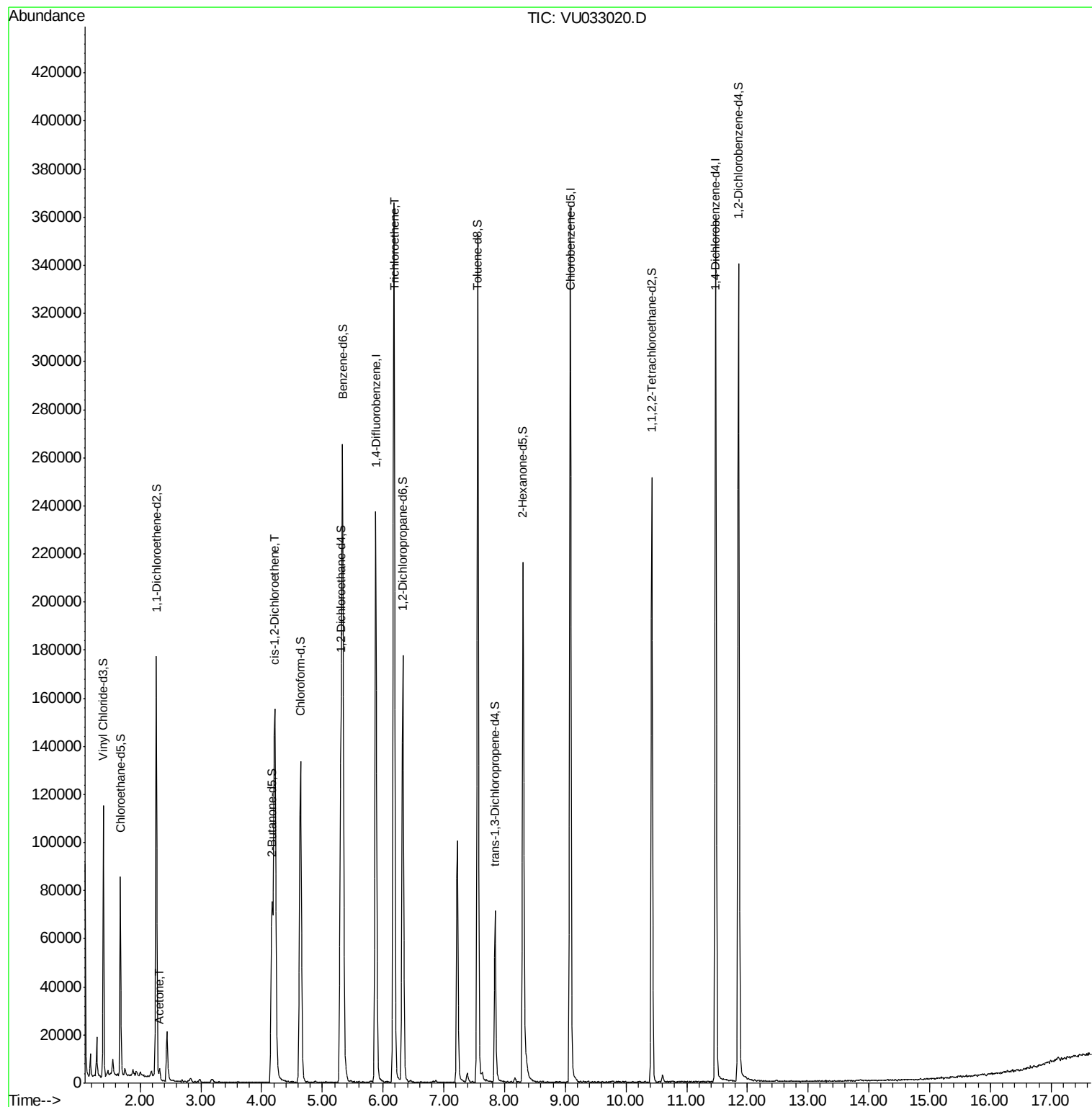
					Ovalue
13) Acetone	2.32	43	4194	2.815 ug/L	88
20) cis-1,2-Dichloroethene	4.22	96	79748	56.530 ug/L	95
34) Trichloroethene	6.18	95	120457	82.848 ug/L	98

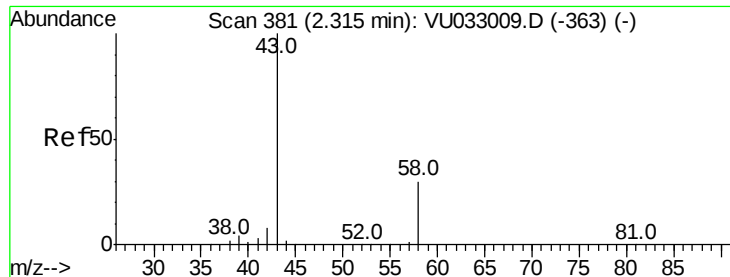
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.815 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033020.D

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ClientSampleId :

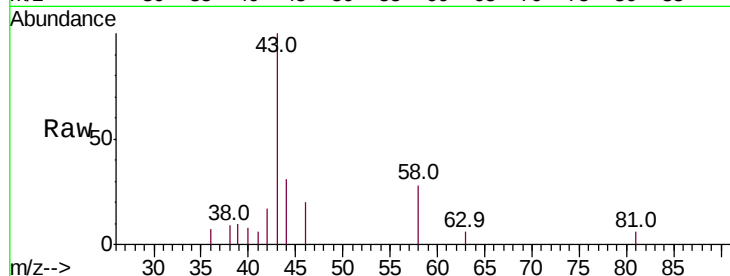
ETF05

Tot Ion: 43 Resp: 4194

Ion Ratio Lower Upper

43 100

58 23.6 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU033020.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU033020.D (-288) (-)

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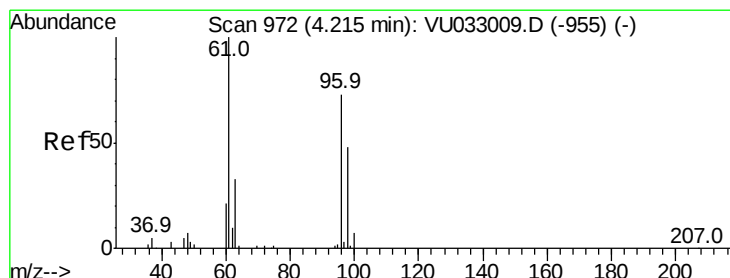
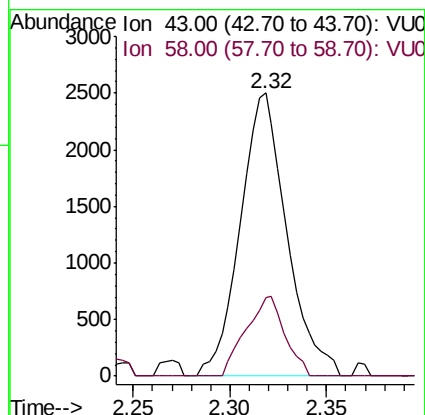
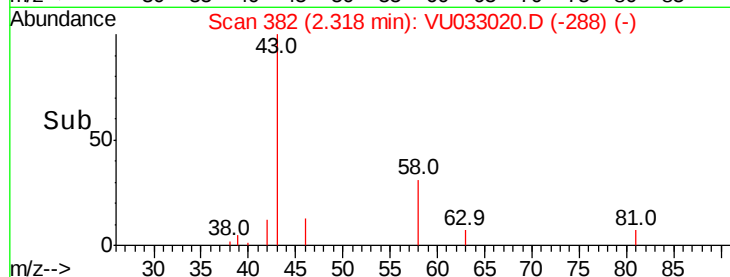
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#20

cis-1,2-Dichloroethene

Concen: 56.530 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU033020.D

Acq: 24 Jun 2019 21:00

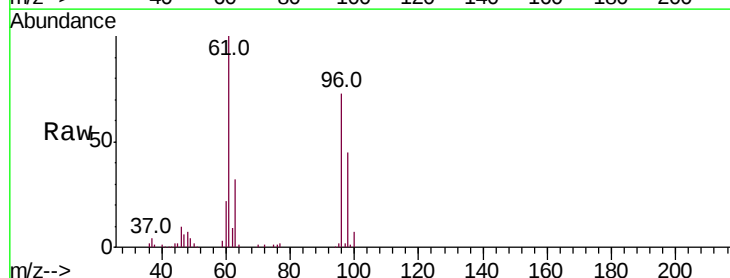
Tgt Ion: 96 Resp: 79748

Ion Ratio Lower Upper

96 100

61 137.7 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033020.D (-879) (-)

Ion 61.00 (60.70 to 61.70): VU033020.D (-879) (-)

Ion 68.00 (67.70 to 68.70): VU033020.D (-879) (-)

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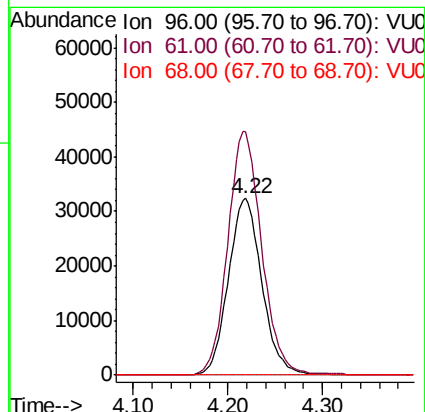
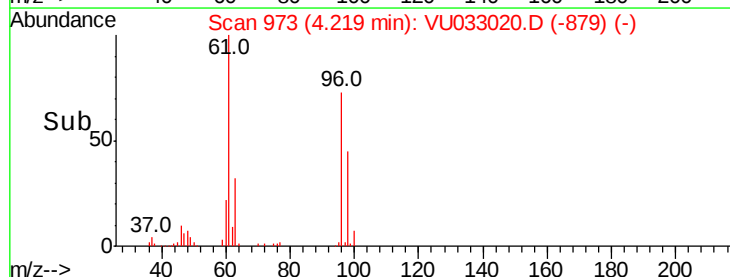
4.22

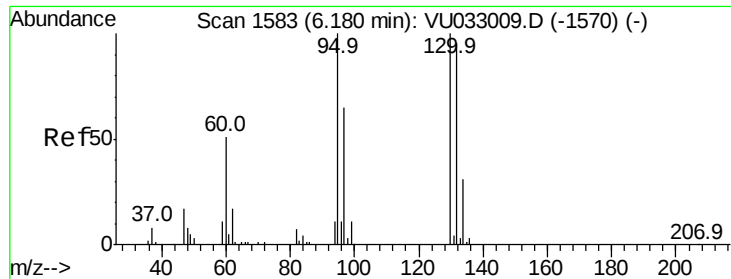
4.22

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#34

Trichloroethene

Concen: 82.848 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

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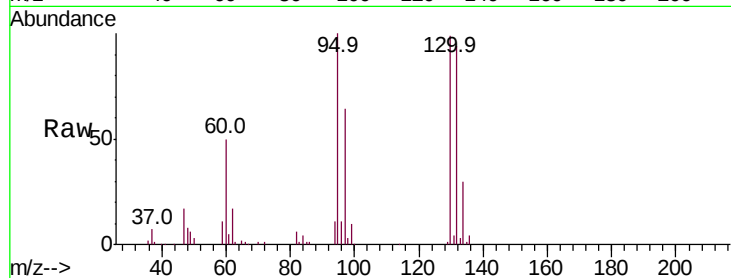
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ETF05



Tot Ion: 95 Resp: 120457

Ion Ratio Lower Upper

95 100

97 64.4 45.9 85.3

132 94.5 68.5 127.3

130 99.4 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

