

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\
 Data File : VU032603.D
 Acq On : 11 Jun 2019 12:36
 Operator : JC/SP
 Sample : K3277-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C8

Quant Time: Jun 12 07:05:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 05:31:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	176424	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84990	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49618	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.70%
7) Chloroethane-d5	1.68	69	41937	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.18%
11) 1,1-Dichloroethene-d2	2.27	63	76493	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.26%
21) 2-Butanone-d5	4.17	46	95713	99.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.92%
24) Chloroform-d	4.64	84	100602	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
26) 1,2-Dichloroethane-d4	5.30	65	67133	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
32) Benzene-d6	5.33	84	203782	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
36) 1,2-Dichloropropane-d6	6.32	67	66007	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.30%
41) Toluene-d8	7.56	98	187334	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%
43) trans-1,3-Dichloropropene-	7.85	79	30033	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.50%
47) 2-Hexanone-d5	8.31	63	55667	84.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95382	48.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.02%
64) 1,2-Dichlorobenzene-d4	11.85	152	79883	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%

Target Compounds

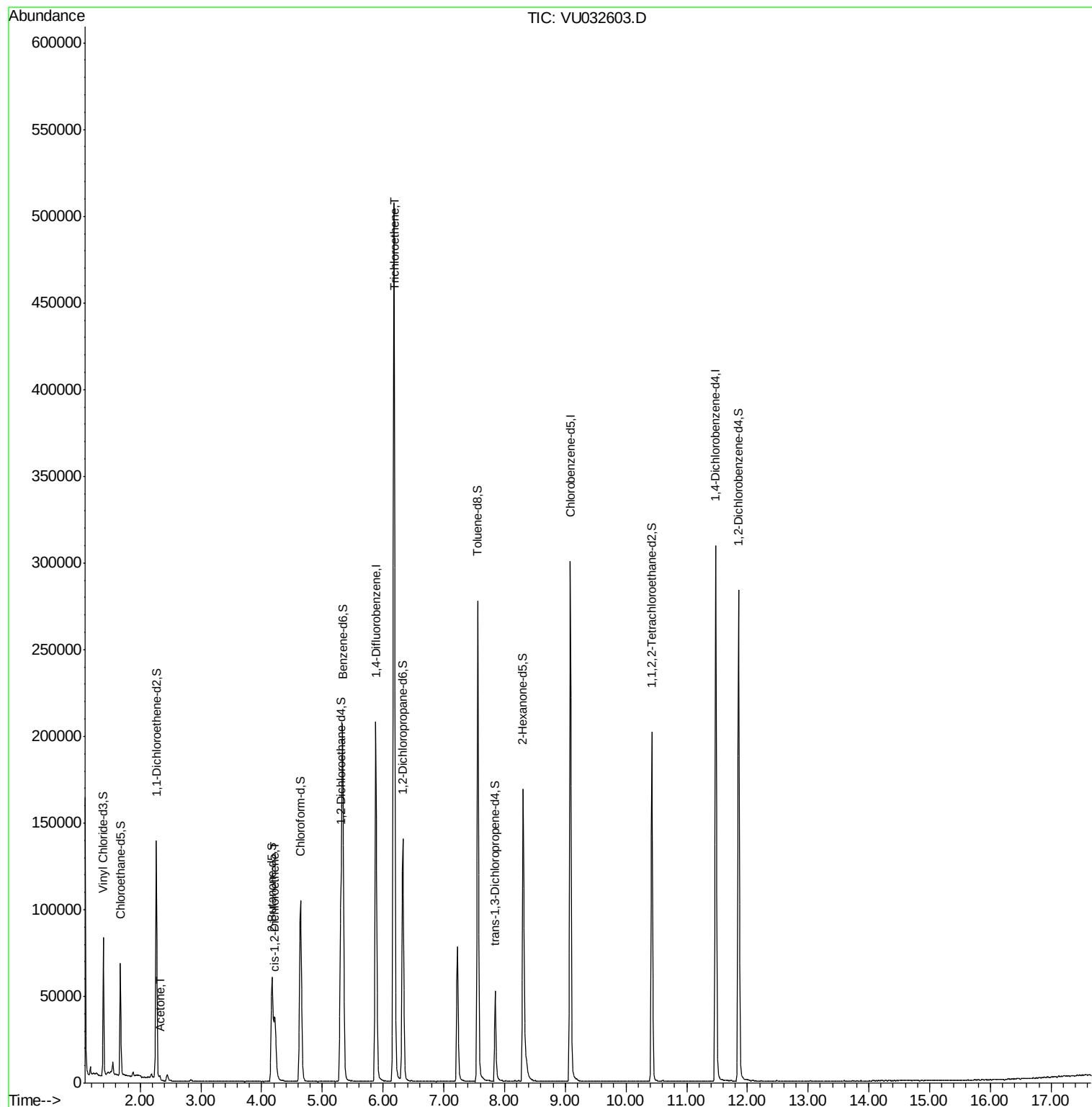
					Ovalue
13) Acetone	2.32	43	2240	2.266 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	17820	13.880 ug/L	94
34) Trichloroethene	6.18	95	166058	130.332 ug/L	99

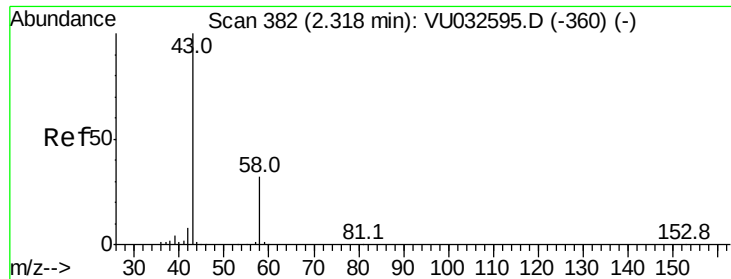
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.266 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032603.D

Acq: 11 Jun 2019 12:36

Instrument :

MSVOA_U

ClientSampled :

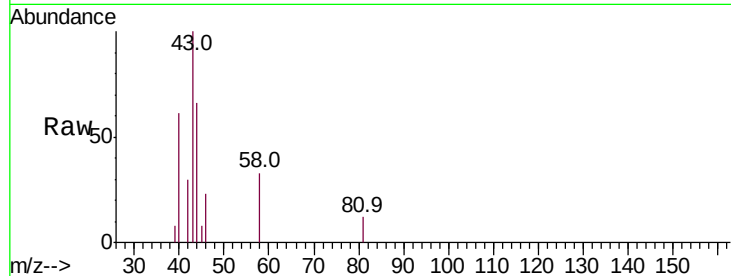
DB8C8

Tot Ion: 43 Resp: 2240

Ion Ratio Lower Upper

43 100

58 29.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032595.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032595.D (-360) (-)

1500

1000

500

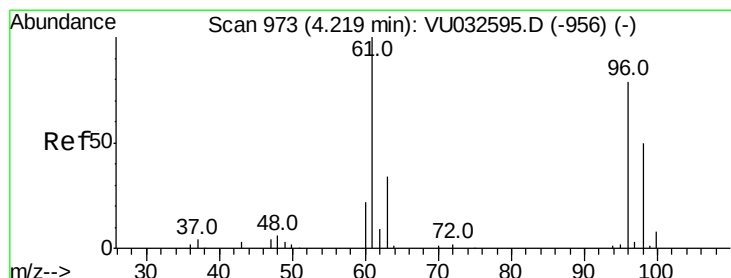
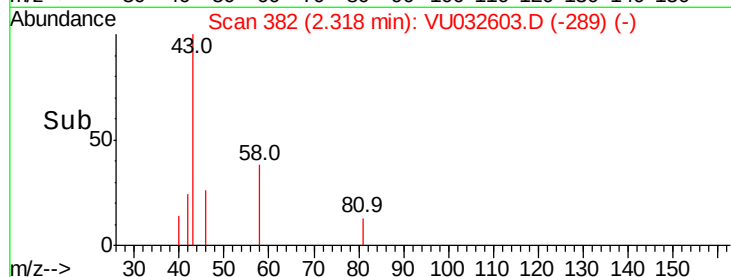
0

2.30

2.32

2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 13.880 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

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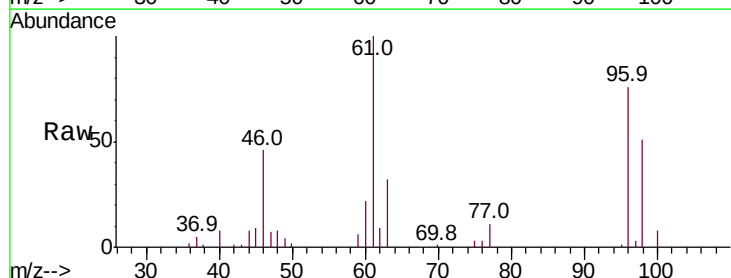
Tgt Ion: 96 Resp: 17820

Ion Ratio Lower Upper

96 100

61 131.5 87.2 162.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032595.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032595.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032595.D (-956) (-)

12000

10000

8000

6000

4000

2000

0

4.15

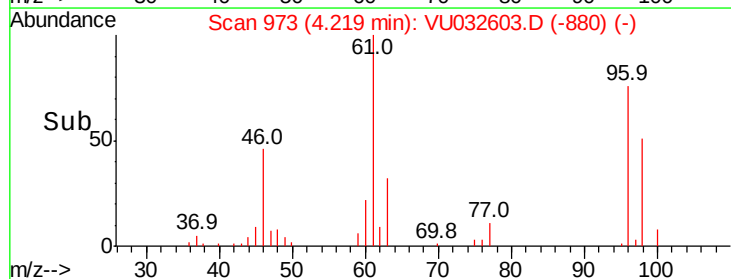
4.20

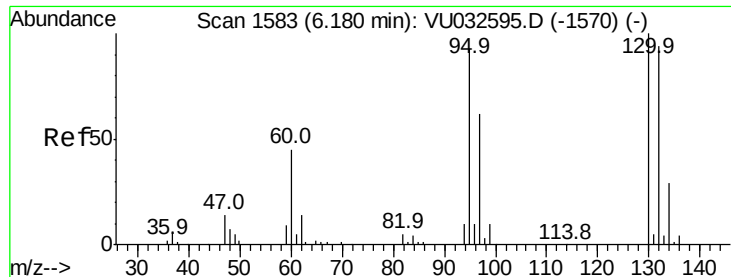
4.22

4.25

4.30

Time-->





#34

Trichloroethene

Concen: 130.332 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Acq: 11 Jun 2019 12:36

Instrument :

MSVOA_U

ClientSampleId :

DB8C8

Tot Ion: 95 Resp: 166058

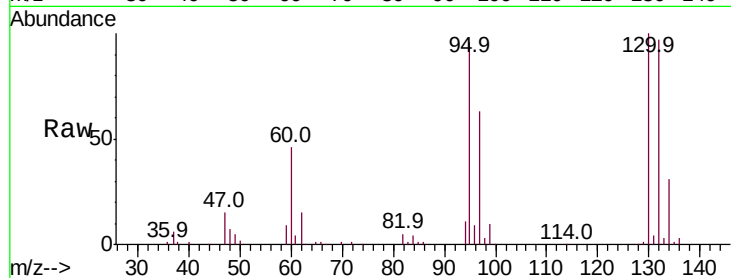
Ion Ratio Lower Upper

95 100

97 64.9 45.8 85.2

132 100.6 71.0 131.8

130 103.7 73.4 136.2



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

