

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032591.D
 Acq On : 11 Jun 2019 01:23
 Operator : JC/SP
 Sample : K3278-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8D2

Quant Time: Jun 11 07:27:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 05:38:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	183967	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	172544	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56404	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.52%
7) Chloroethane-d5	1.68	69	47442	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.92%
11) 1,1-Dichloroethene-d2	2.27	63	86450	36.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.98%
21) 2-Butanone-d5	4.17	46	101124	101.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.24%
24) Chloroform-d	4.64	84	109695	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	5.30	65	74527	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.30%
32) Benzene-d6	5.33	84	228452	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.32	67	71658	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.04%
41) Toluene-d8	7.56	98	211451	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%
43) trans-1,3-Dichloropropene-	7.85	79	31445	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.31	63	62747	92.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102496	50.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.72%
64) 1,2-Dichlorobenzene-d4	11.85	152	86057	52.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

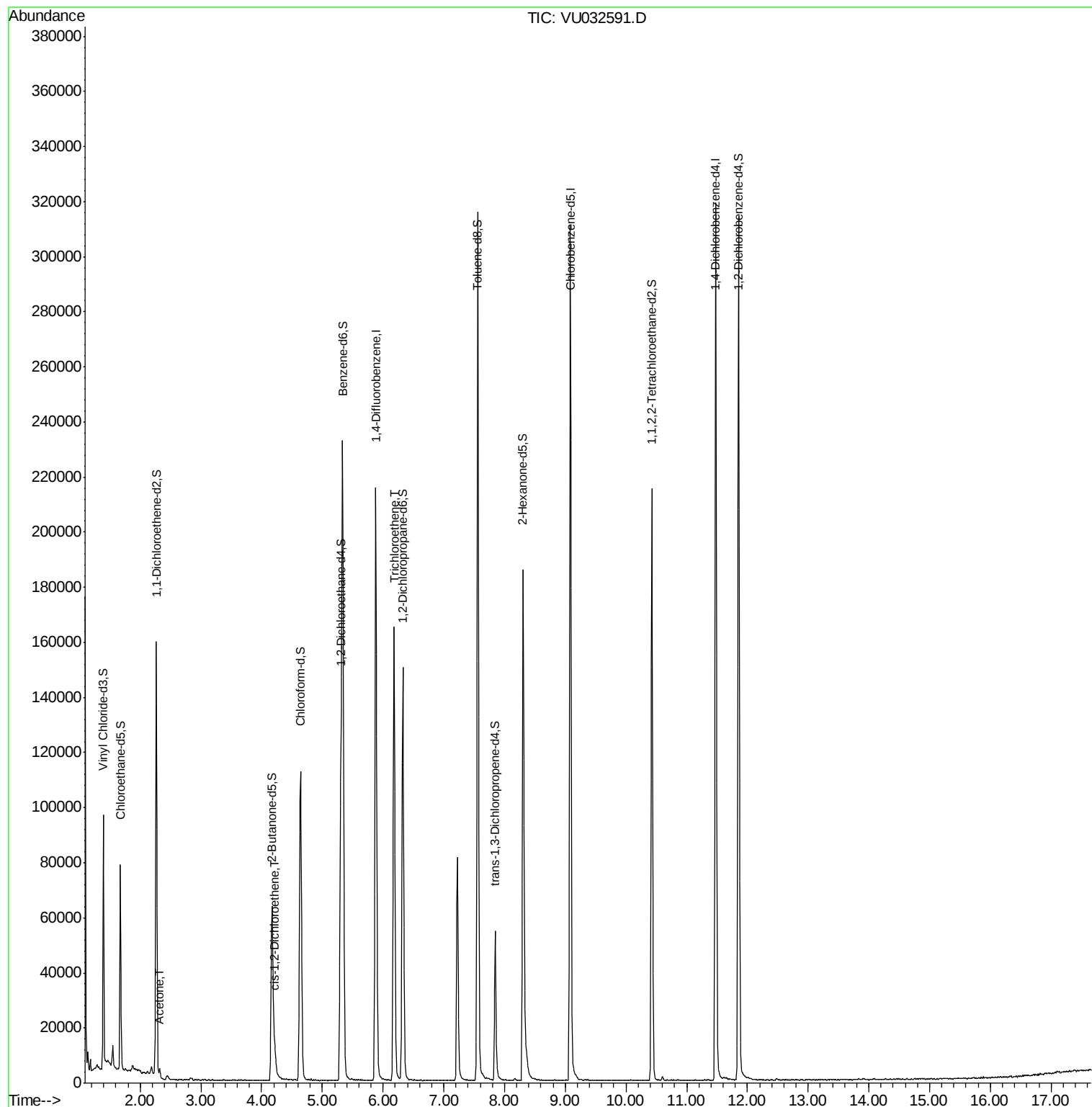
					Ovalue
13) Acetone	2.32	43	2745	2.663 ug/L	88
20) cis-1,2-Dichloroethene	4.22	96	2886	2.156 ug/L	94
34) Trichloroethene	6.18	95	54884	41.612 ug/L	99

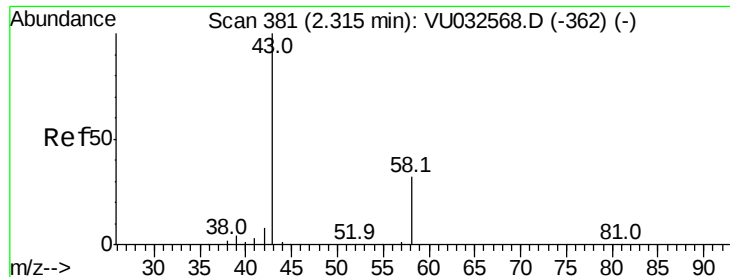
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.663 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032591.D

Acq: 11 Jun 2019 01:23

Instrument :

MSVOA_U

ClientSampled :

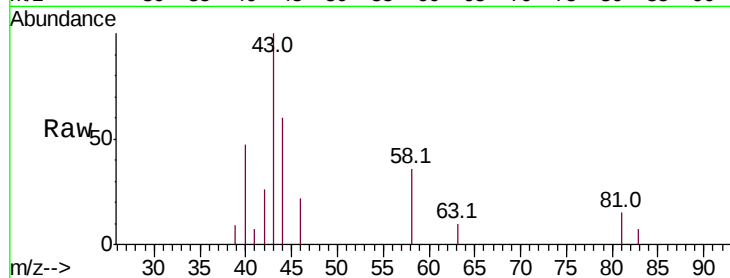
DB8D2

Tot Ion: 43 Resp: 2745

Ion Ratio Lower Upper

43 100

58 25.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032568.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032568.D (-362) (-)

2.32

1500

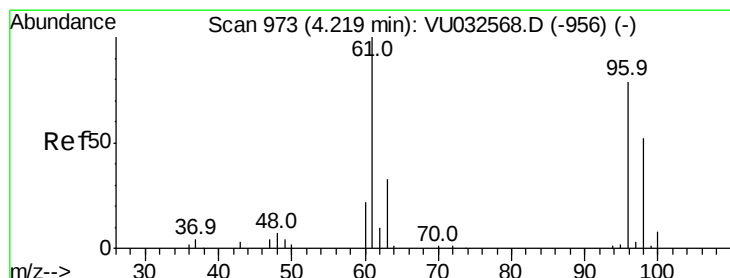
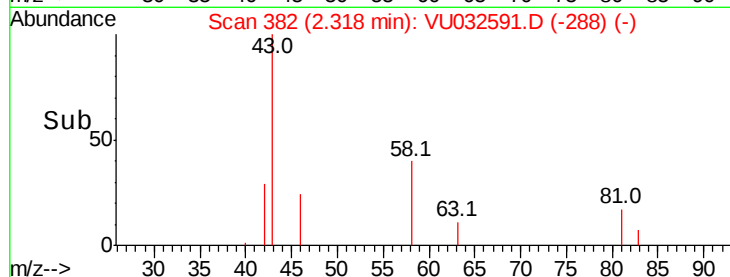
1000

500

0

2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 2.156 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU032591.D

Acq: 11 Jun 2019 01:23

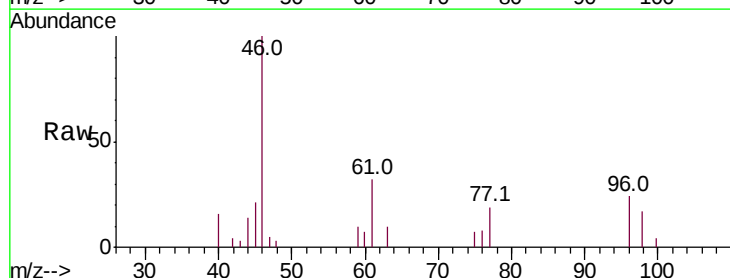
Tgt Ion: 96 Resp: 2886

Ion Ratio Lower Upper

96 100

61 130.9 87.2 162.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032568.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032568.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032568.D (-956) (-)

4.22

2000

1500

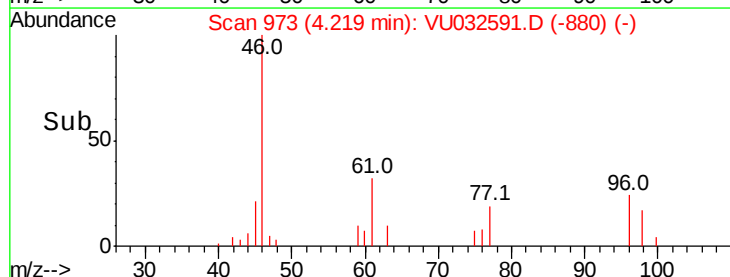
1000

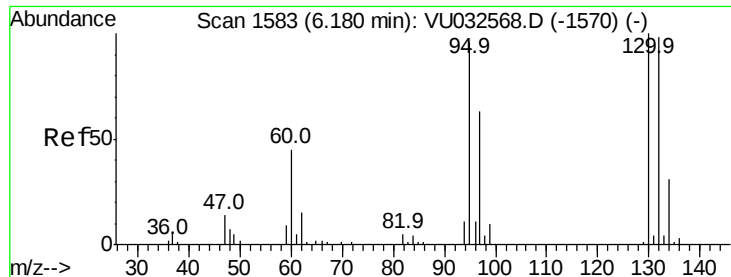
500

0

4.15 4.20 4.25 4.30

Time-->





#34

Trichloroethene

Concen: 41.612 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Instrument :
MSVOA_U
ClientSampleId :
DB8D2

Tot Ion: 95 Resp: 54884

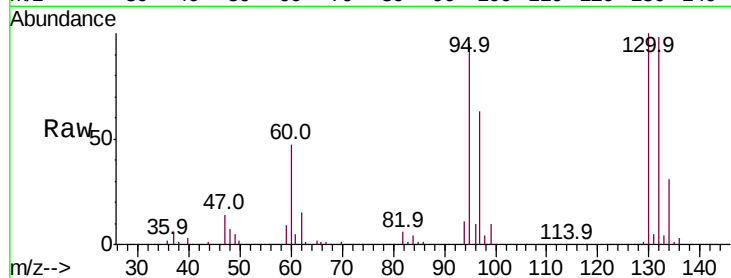
Ion Ratio Lower Upper

95 100

97 66.2 45.8 85.2

132 102.8 71.0 131.8

130 104.8 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

