

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032587.D
 Acq On : 10 Jun 2019 23:51
 Operator : JC/SP
 Sample : K3277-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C8

Quant Time: Jun 11 07:15:18 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	188429	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	172732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88084	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58936	48.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.42%
7) Chloroethane-d5	1.68	69	48226	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.18%
11) 1,1-Dichloroethene-d2	2.27	63	90101	37.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.28%
21) 2-Butanone-d5	4.17	46	101469	99.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.18%
24) Chloroform-d	4.64	84	112890	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
26) 1,2-Dichloroethane-d4	5.30	65	74786	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.14%
32) Benzene-d6	5.33	84	232760	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
36) 1,2-Dichloropropane-d6	6.32	67	72808	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.56%
41) Toluene-d8	7.56	98	213697	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%
43) trans-1,3-Dichloropropene-	7.85	79	32939	48.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.90%
47) 2-Hexanone-d5	8.31	63	63474	93.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102991	50.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	87299	51.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.48%

Target Compounds

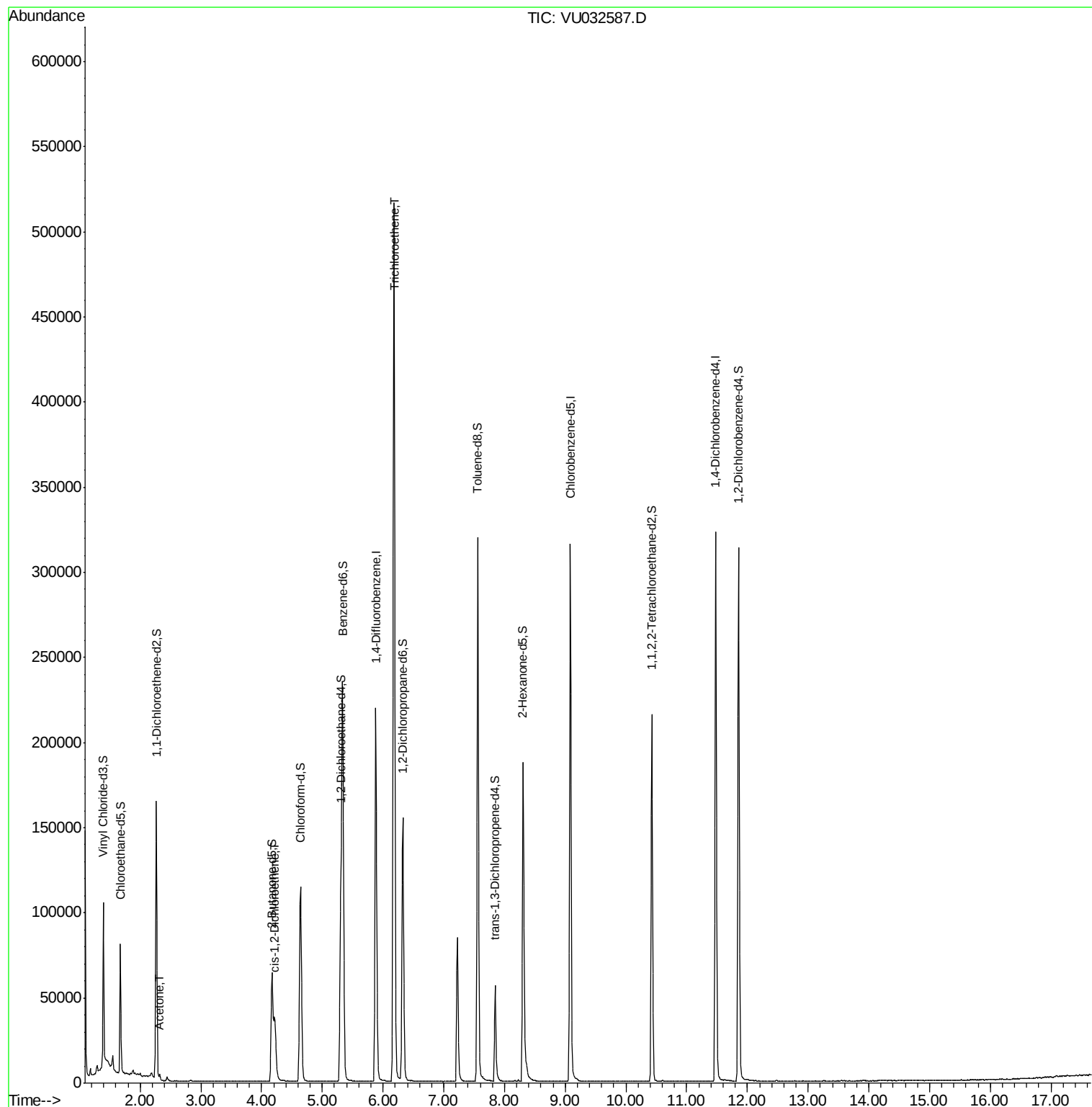
					Ovalue
13) Acetone	2.32	43	2698	2.556 ug/L	87
20) cis-1,2-Dichloroethene	4.22	96	17664	12.882 ug/L	94
34) Trichloroethene	6.18	95	171644	129.996 ug/L	99

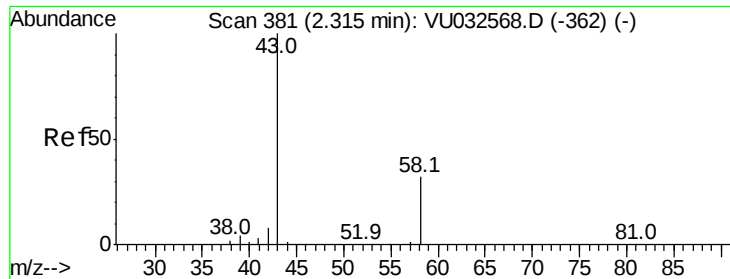
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.556 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

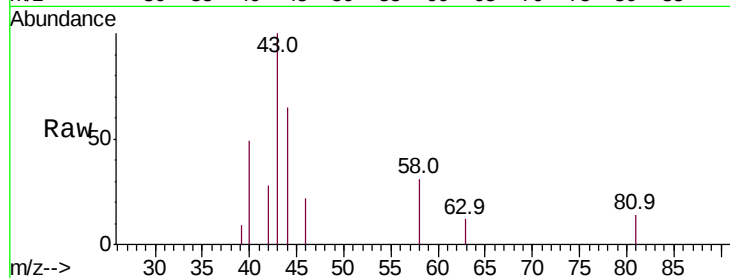
DB8C8

Tot Ion: 43 Resp: 2698

Ion Ratio Lower Upper

43 100

58 24.9 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

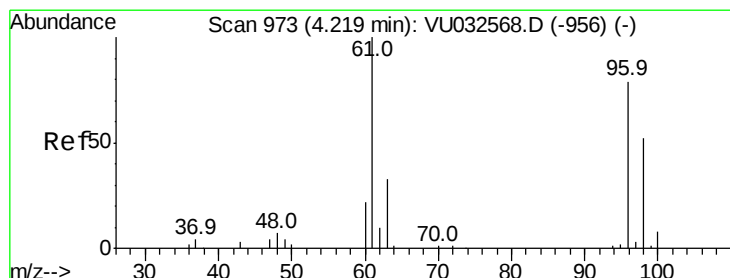
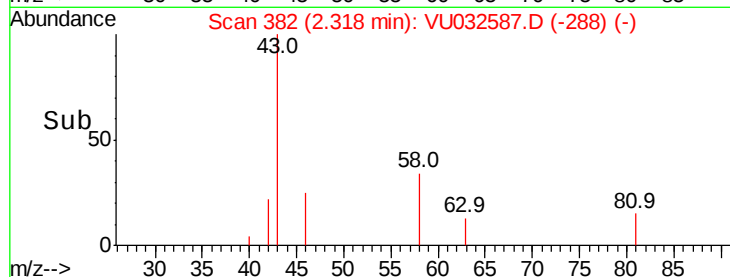
1000

500

0

2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 12.882 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

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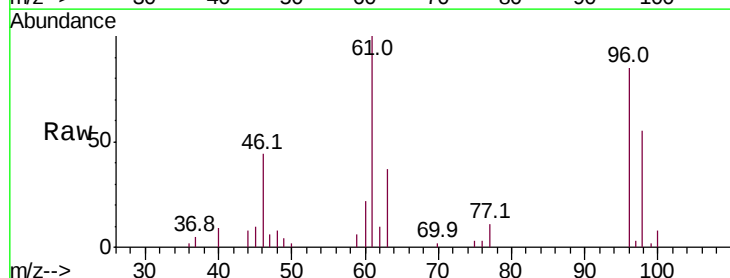
Tgt Ion: 96 Resp: 17664

Ion Ratio Lower Upper

96 100

61 118.3 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) (-)

10000

8000

6000

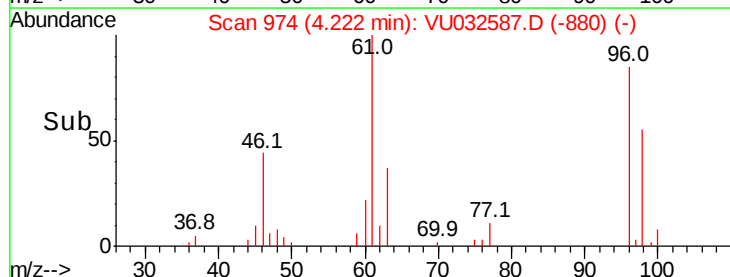
4000

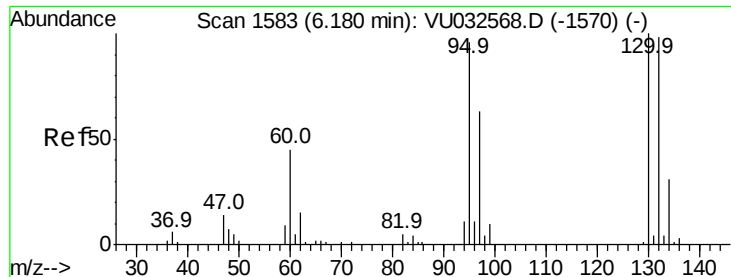
2000

0

4.15 4.20 4.25 4.30

Time-->





#34

Trichloroethene

Concen: 129.996 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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DB8C8

Tot Ion: 95 Resp: 171644

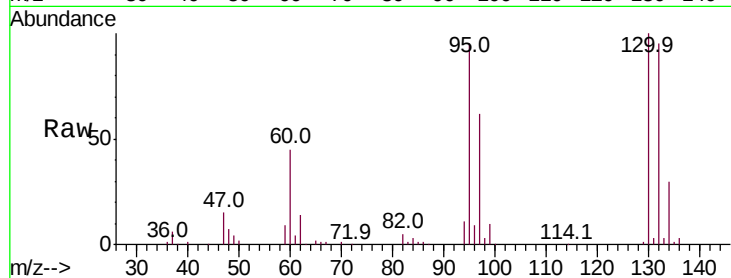
Ion Ratio Lower Upper

95 100

97 65.2 45.8 85.2

132 100.0 71.0 131.8

130 105.1 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

