

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033566.D
 Acq On : 02 Aug 2019 13:46
 Operator : JC/SP
 Sample : K4103-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G4

Quant Time: Aug 03 01:15:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:39:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	289630	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289963	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	129466	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131702	62.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.08%
7) Chloroethane-d5	1.67	69	111640	61.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.58%
11) 1,1-Dichloroethene-d2	2.26	63	174855	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.50%
21) 2-Butanone-d5	4.14	46	178113	127.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.70%
24) Chloroform-d	4.62	84	201060	56.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.92%
26) 1,2-Dichloroethane-d4	5.29	65	137178	61.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.74%
32) Benzene-d6	5.32	84	431011	59.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.92%
36) 1,2-Dichloropropane-d6	6.31	67	136714	60.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.34%#
41) Toluene-d8	7.55	98	383748	56.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.94%
43) trans-1,3-Dichloropropene-	7.83	79	64082	57.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.66%
47) 2-Hexanone-d5	8.29	63	128327	119.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.95%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	203900	58.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	147065	62.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.06%#

Target Compounds

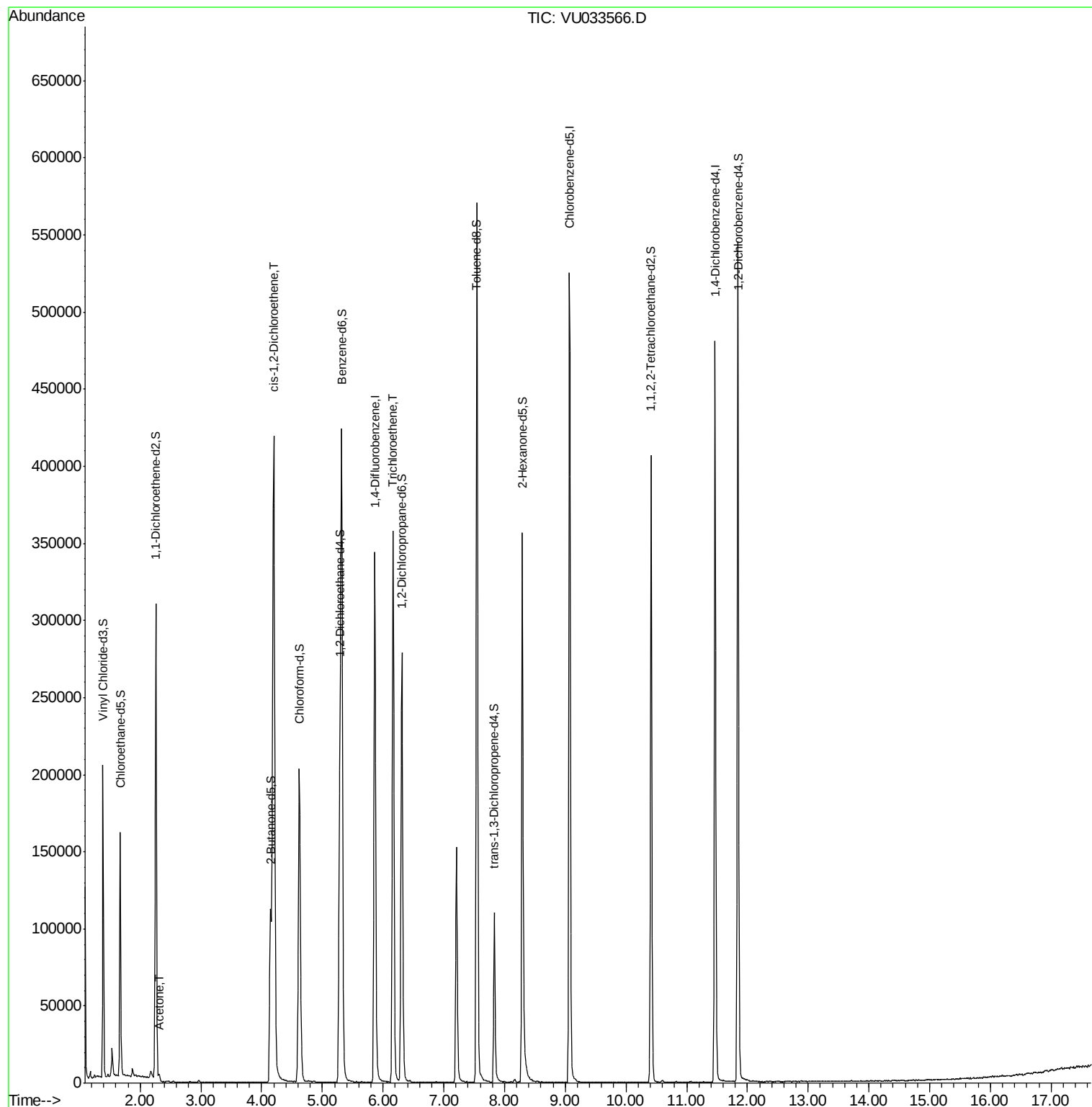
					Ovalue
13) Acetone	2.31	43	2868	2.010 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	237886	107.854 ug/L	99
34) Trichloroethene	6.16	95	123290	55.874 ug/L	98

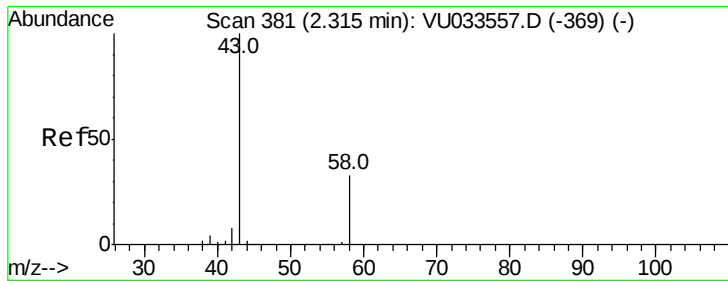
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.010 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

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Acq: 02 Aug 2019 13:46

Instrument :

MSVOA_U

ClientSampleId :

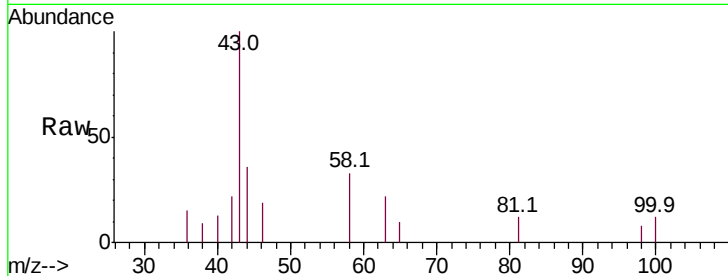
DB9G4

Tot Ion: 43 Resp: 2868

Ion Ratio Lower Upper

43 100

58 31.0 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU033557.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VU033557.D (-369) (-)

2.31

1500

1000

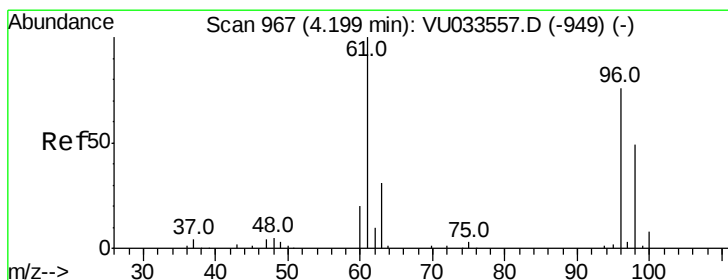
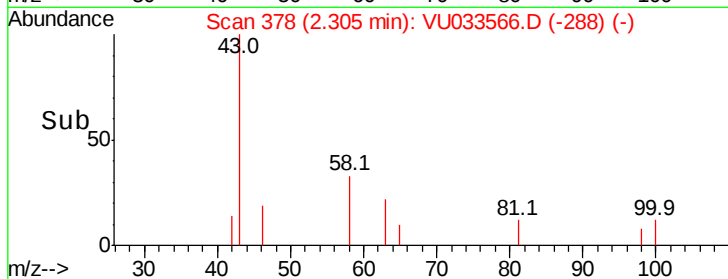
500

0

Time-->

2.30

2.35



#20

cis-1,2-Dichloroethene

Concen: 107.854 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

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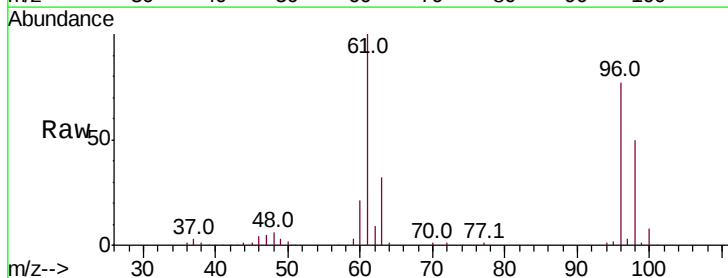
Tgt Ion: 96 Resp: 237886

Ion Ratio Lower Upper

96 100

61 129.4 91.3 169.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033557.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033557.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033557.D (-949) (-)

150000

100000

50000

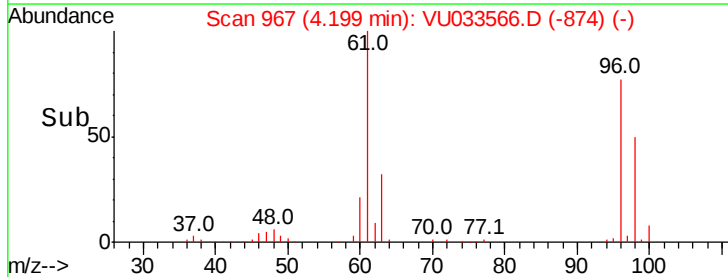
0

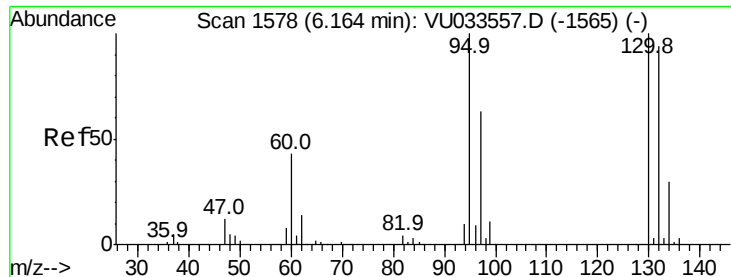
Time-->

4.10

4.20

4.30





#34

Trichloroethene

Concen: 55.874 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

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ClientSampleId :

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Tot Ion: 95 Resp: 123290

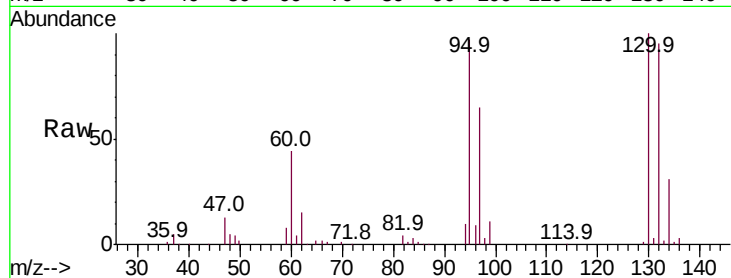
Ion Ratio Lower Upper

95 100

97 67.2 44.7 83.1

132 98.1 66.8 124.0

130 103.3 71.6 133.0



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

