

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033572.D
 Acq On : 02 Aug 2019 16:06
 Operator : JC/SP
 Sample : K4103-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G4

Quant Time: Aug 03 01:39:27 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	283882	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	286351	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	123341	59.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.52%
7) Chloroethane-d5	1.67	69	104362	58.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.86%
11) 1,1-Dichloroethene-d2	2.26	63	159851	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.34%
21) 2-Butanone-d5	4.15	46	171062	125.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.13%
24) Chloroform-d	4.62	84	197399	57.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.12%
26) 1,2-Dichloroethane-d4	5.29	65	131305	59.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.86%
32) Benzene-d6	5.32	84	404576	57.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.31	67	129438	58.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.34%
41) Toluene-d8	7.55	98	358156	53.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.68%
43) trans-1,3-Dichloropropene-	7.83	79	58966	53.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.84%
47) 2-Hexanone-d5	8.29	63	122909	116.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192260	56.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.06%
64) 1,2-Dichlorobenzene-d4	11.84	152	142307	57.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.18%

Target Compounds

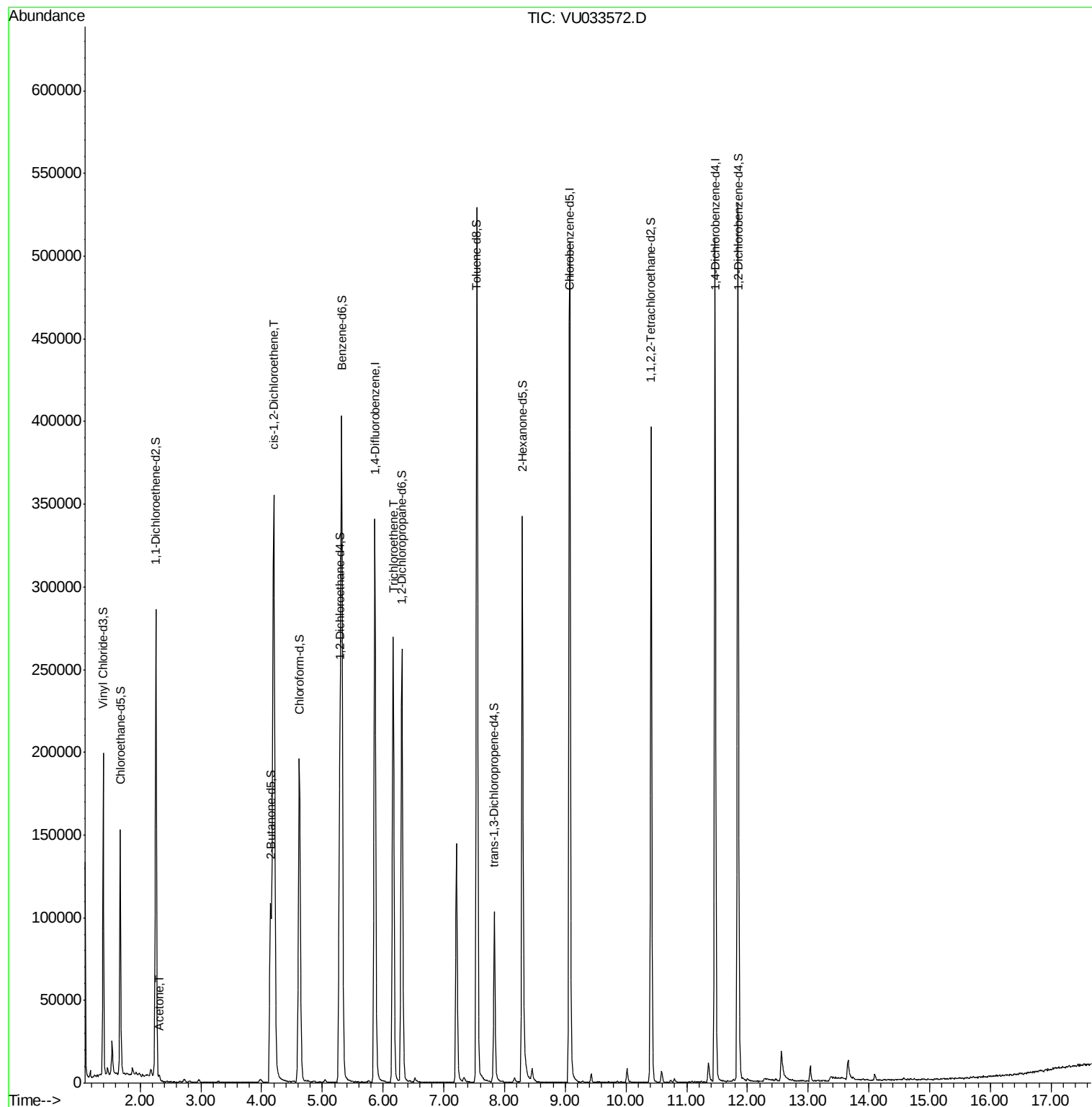
					Ovalue
13) Acetone	2.31	43	1591	1.138 ug/L	82
20) cis-1,2-Dichloroethene	4.20	96	202122	93.495 ug/L	99
34) Trichloroethene	6.17	95	94270	43.262 ug/L	97

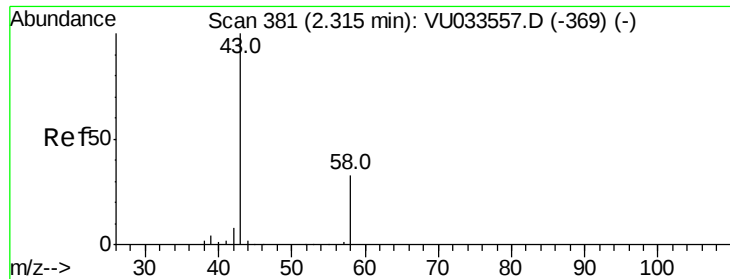
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.138 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VU033572.D

Acq: 02 Aug 2019 16:06

Instrument :

MSVOA_U

ClientSampled :

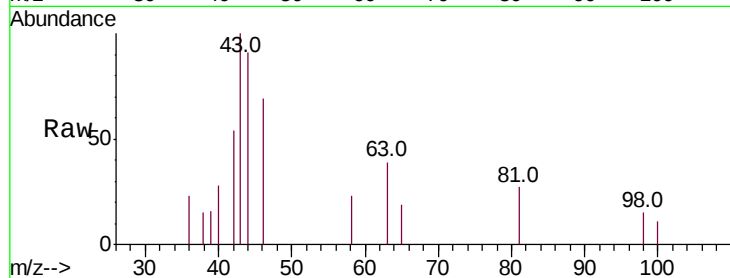
DB9G4

Tot Ion: 43 Resp: 1591

Ion Ratio Lower Upper

43 100

58 22.9 0.0 66.2

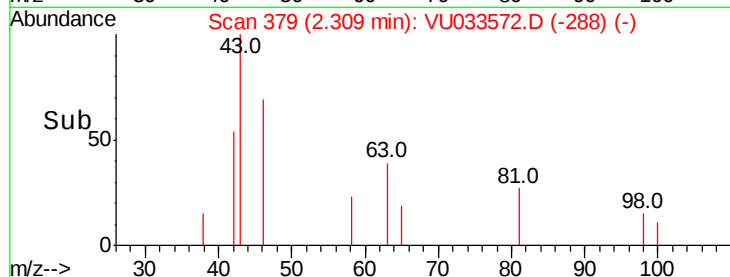


Abundance Ion 43.00 (42.70 to 43.70): VU033572.D (-379) (-)

Ion 58.00 (57.70 to 58.70): VU033572.D (-379) (-)

2.31

Time-->



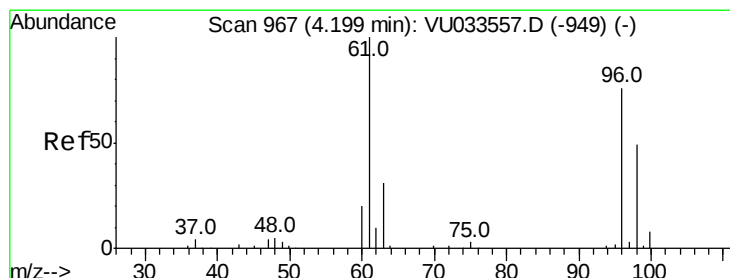
Abundance

Ion 43.00 (42.70 to 43.70): VU033572.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU033572.D (-288) (-)

2.31

Time-->



#20

cis-1,2-Dichloroethene

Concen: 93.495 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033572.D

Acq: 02 Aug 2019 16:06

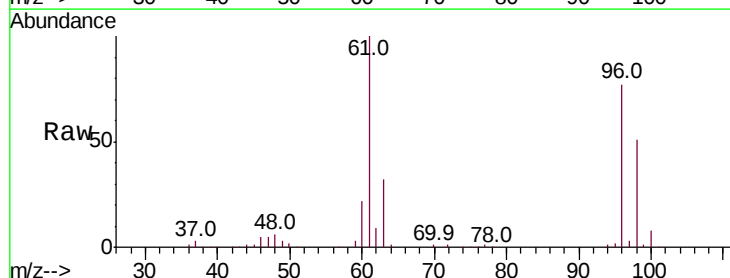
Tgt Ion: 96 Resp: 202122

Ion Ratio Lower Upper

96 100

61 129.9 91.3 169.6

68 0.0 0.0 0.0



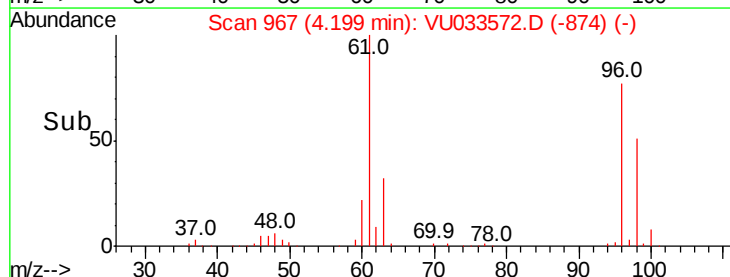
Abundance Ion 96.00 (95.70 to 96.70): VU033572.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU033572.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU033572.D (-957) (-)

4.20

Time-->



Abundance

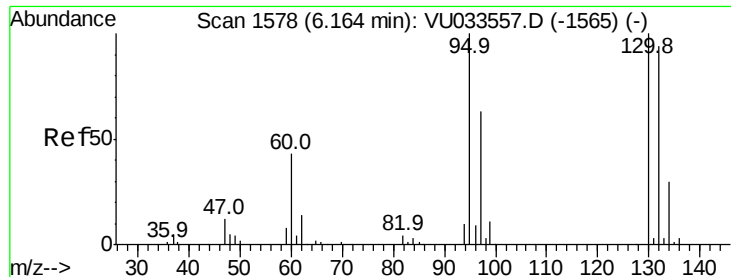
Ion 96.00 (95.70 to 96.70): VU033572.D (-874) (-)

Ion 61.00 (60.70 to 61.70): VU033572.D (-874) (-)

Ion 68.00 (67.70 to 68.70): VU033572.D (-874) (-)

4.20

Time-->



#34

Trichloroethene

Concen: 43.262 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033572.D

Acq: 02 Aug 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

DB9G4

Tot Ion: 95 Resp: 94270

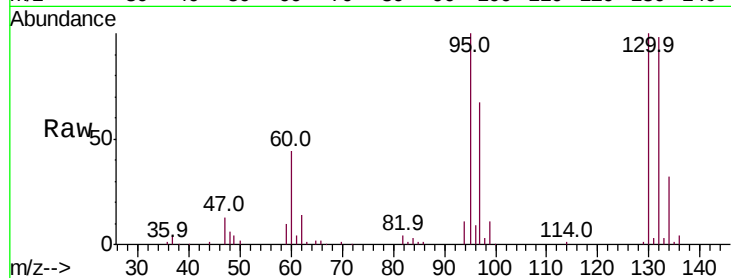
Ion Ratio Lower Upper

95 100

97 67.0 44.7 83.1

132 98.3 66.8 124.0

130 100.0 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

