

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033561.D
 Acq On : 02 Aug 2019 11:51
 Operator : JC/SP
 Sample : K4103-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G3

Quant Time: Aug 03 00:55:37 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	302591	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	299559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	137257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131649	59.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.68%
7) Chloroethane-d5	1.67	69	126446	66.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	133.98%#
11) 1,1-Dichloroethene-d2	2.26	63	172380	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
21) 2-Butanone-d5	4.15	46	183847	126.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.17%
24) Chloroform-d	4.62	84	199370	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
26) 1,2-Dichloroethane-d4	5.29	65	130773	56.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.00%
32) Benzene-d6	5.32	84	419834	56.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.08%
36) 1,2-Dichloropropane-d6	6.31	67	132191	56.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.58%
41) Toluene-d8	7.55	98	376337	54.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.16%
43) trans-1,3-Dichloropropene-	7.83	79	60937	52.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.54%
47) 2-Hexanone-d5	8.30	63	127883	115.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.71%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	198376	55.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	143584	57.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.26%

Target Compounds

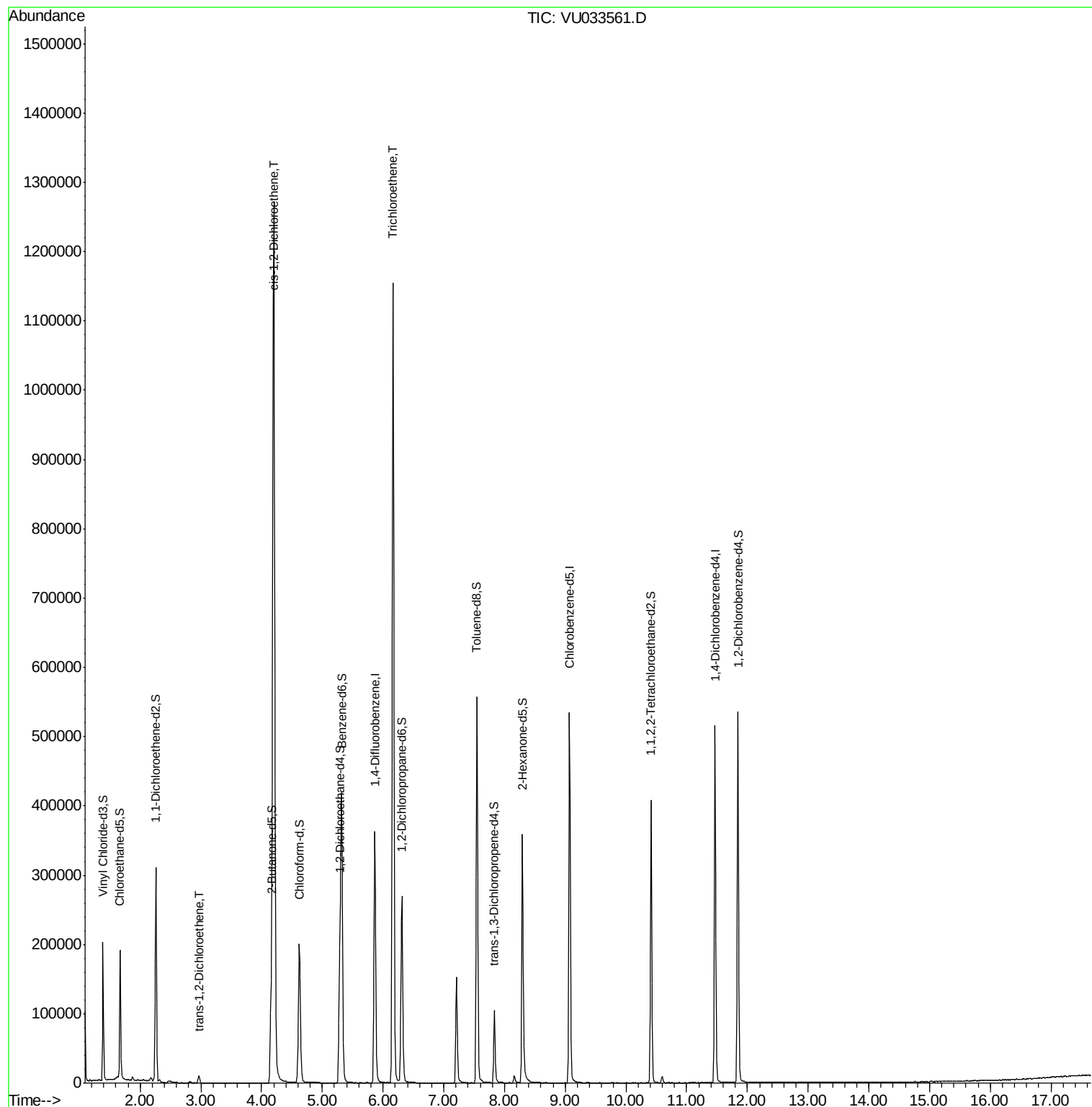
					Ovalue
17) trans-1,2-Dichloroethene	2.96	96	4107	2.001 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	714966	310.270 ug/L	100
34) Trichloroethene	6.16	95	393887	172.789 ug/L	98

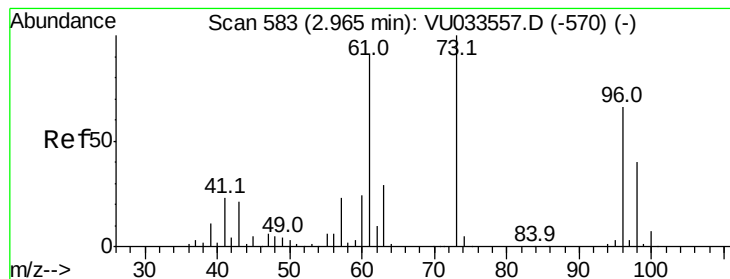
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 2.001 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

DB9G3

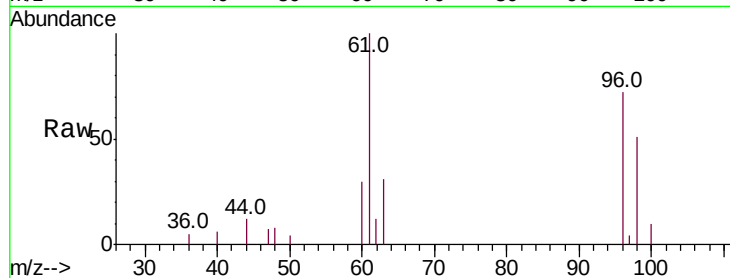
Tot Ion: 96 Resp: 4107

Ion Ratio Lower Upper

96 100

61 139.4 98.3 182.5

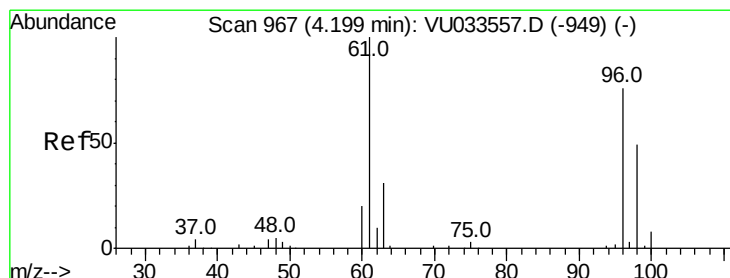
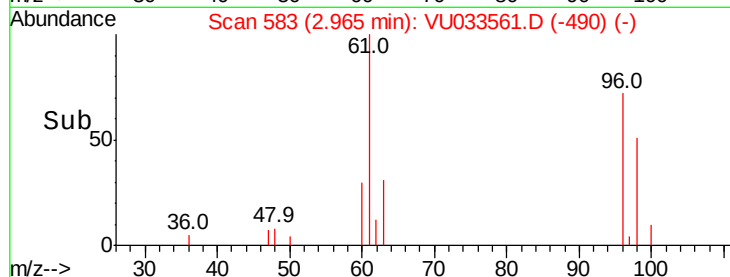
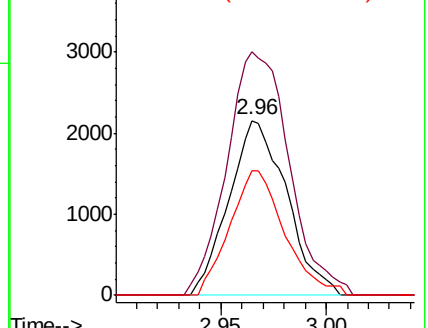
98 71.4 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VU033557.D (-570) (-)

Ion 61.00 (60.70 to 61.70): VU033557.D (-570) (-)

Ion 98.00 (97.70 to 98.70): VU033557.D (-570) (-)



#20

cis-1,2-Dichloroethene

Concen: 310.270 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033561.D

Acq: 02 Aug 2019 11:51

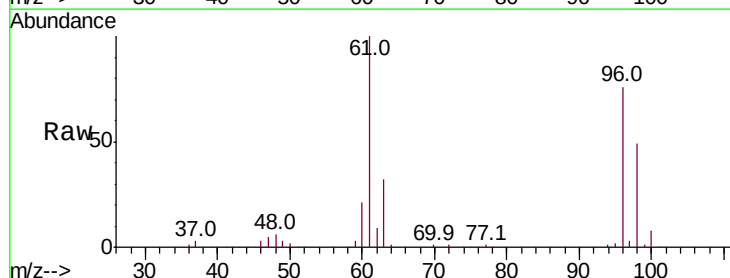
Tgt Ion: 96 Resp: 714966

Ion Ratio Lower Upper

96 100

61 131.0 91.3 169.6

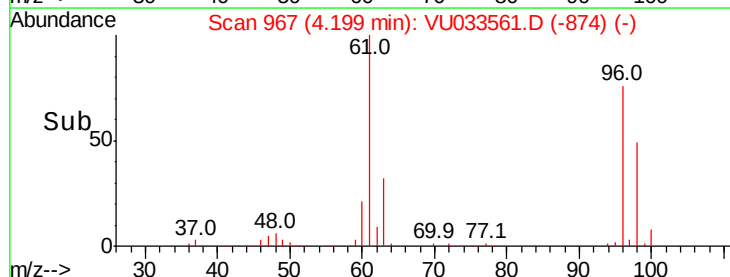
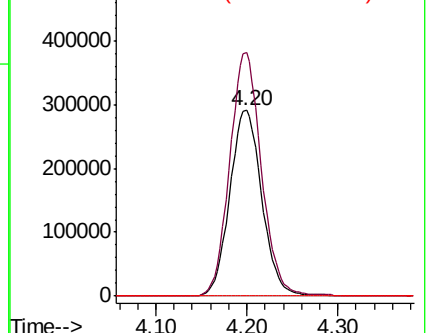
68 0.0 0.0 0.0

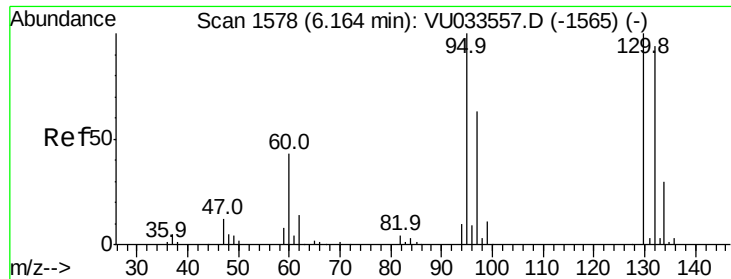


Abundance Ion 96.00 (95.70 to 96.70): VU033557.D (-949) (-)

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

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





#34

Trichloroethene

Concen: 172.789 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 393887

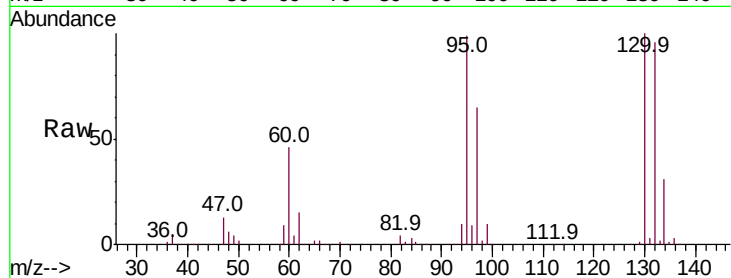
Ion Ratio Lower Upper

95 100

97 65.4 44.7 83.1

132 97.1 66.8 124.0

130 101.3 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

