

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033562.D
 Acq On : 02 Aug 2019 12:14
 Operator : JC/SP
 Sample : K4103-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9F7

Quant Time: Aug 03 00:58:54 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	294219	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	131713	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131436	61.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	122.88%
7) Chloroethane-d5	1.67	69	109576	59.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.26	63	171543	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.38%
21) 2-Butanone-d5	4.15	46	170640	120.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.44%
24) Chloroform-d	4.62	84	203343	56.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.42%
26) 1,2-Dichloroethane-d4	5.29	65	136416	60.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.14%
32) Benzene-d6	5.32	84	426928	59.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.92%
36) 1,2-Dichloropropane-d6	6.31	67	135672	60.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.58%#
41) Toluene-d8	7.55	98	383018	57.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.82%
43) trans-1,3-Dichloropropene-	7.83	79	62455	56.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.82%
47) 2-Hexanone-d5	8.30	63	124700	117.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	199766	58.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	145265	60.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.46%#

Target Compounds

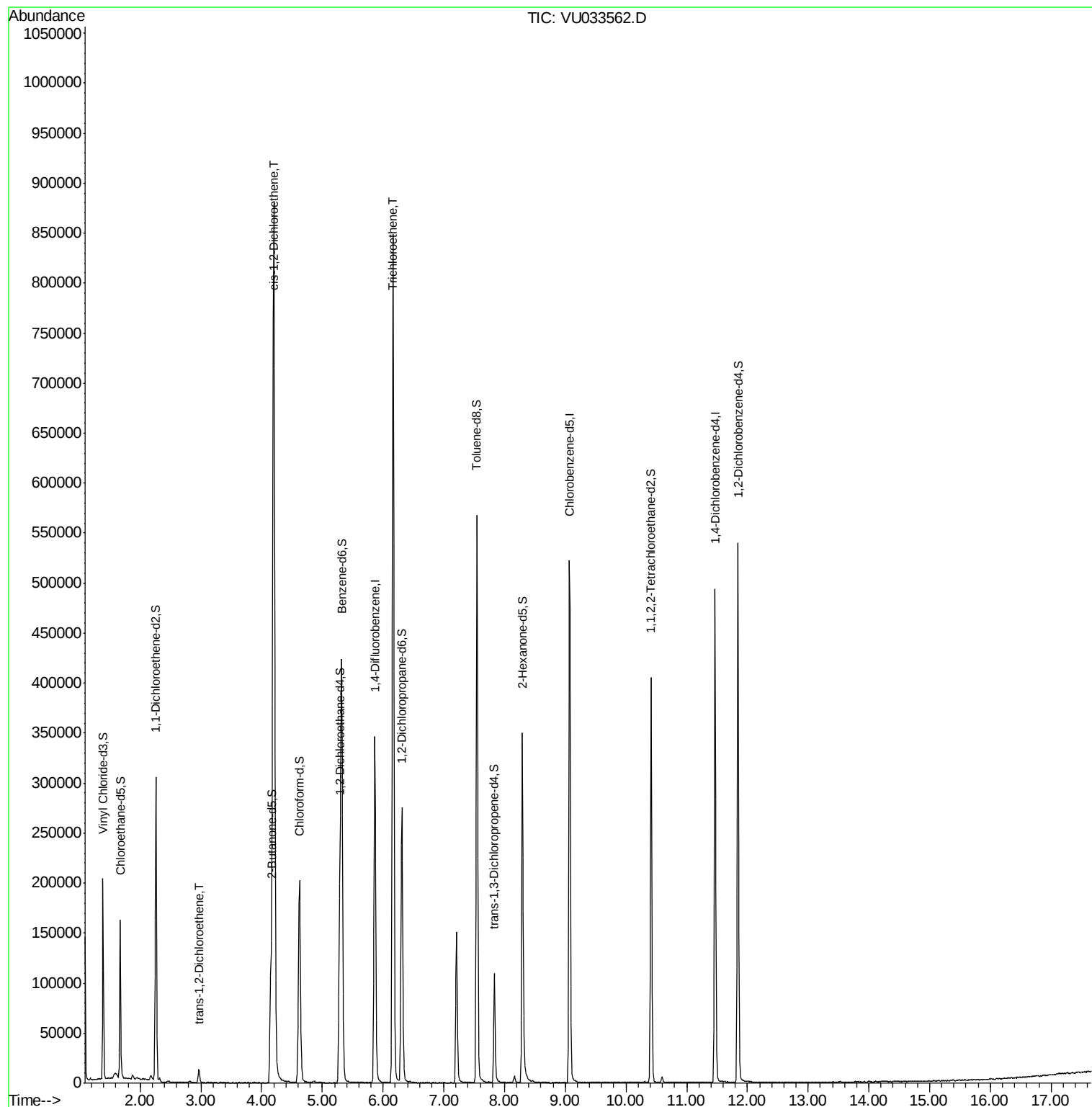
					Ovalue
17) trans-1,2-Dichloroethene	2.97	96	5492	2.751 ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	498659	222.558 ug/L	99
34) Trichloroethene	6.16	95	290563	132.943 ug/L	99

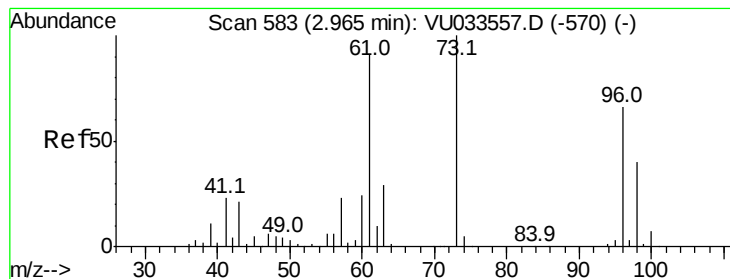
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 2.751 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU033562.D

Acq: 02 Aug 2019 12:14

Instrument :

MSVOA_U

ClientSampleId :

DB9F7

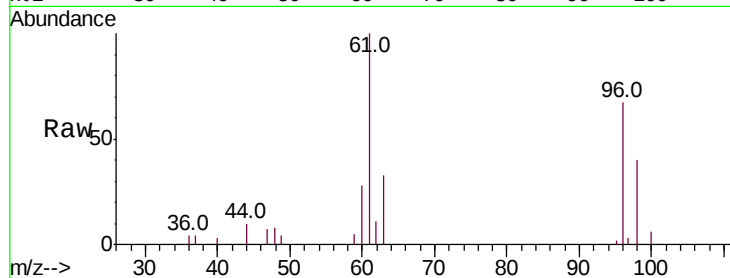
Tot Ion: 96 Resp: 5492

Ion Ratio Lower Upper

96 100

61 148.8 98.3 182.5

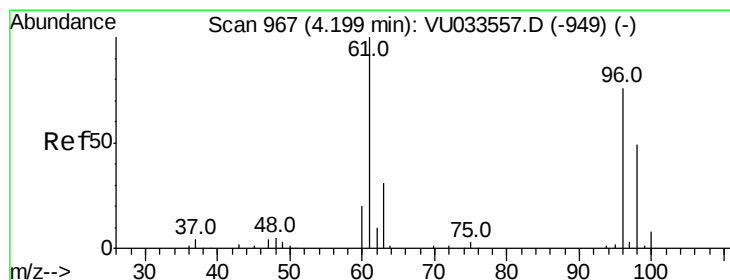
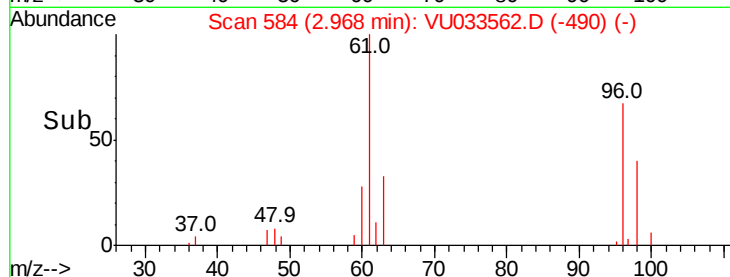
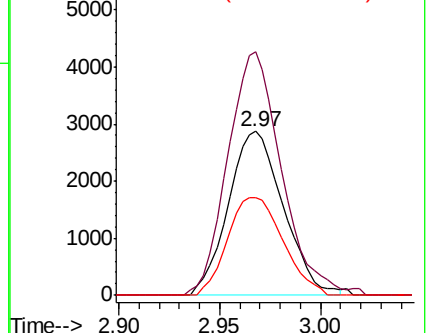
98 59.5 44.3 82.3



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: 222.558 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033562.D

Acq: 02 Aug 2019 12:14

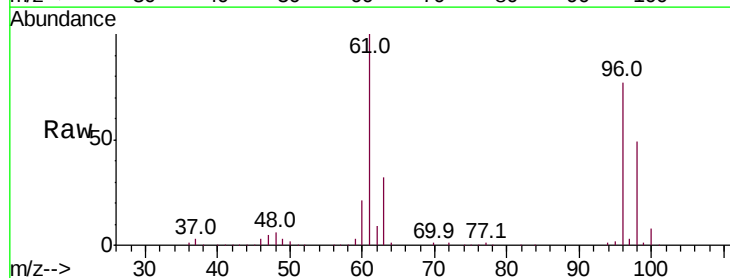
Tgt Ion: 96 Resp: 498659

Ion Ratio Lower Upper

96 100

61 129.2 91.3 169.6

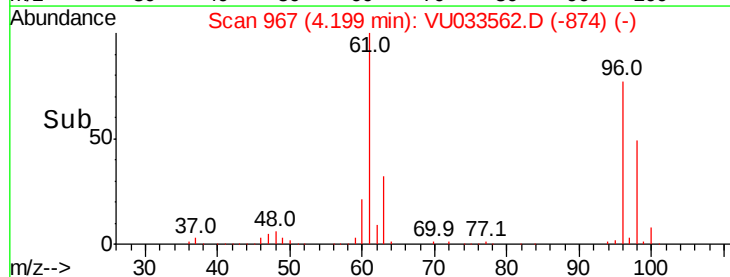
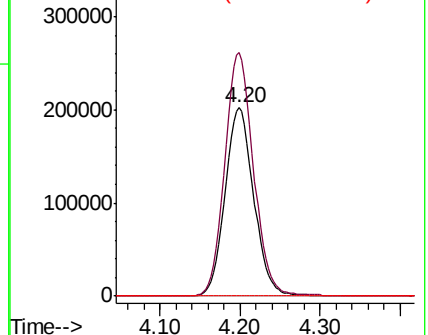
68 0.0 0.0 0.0

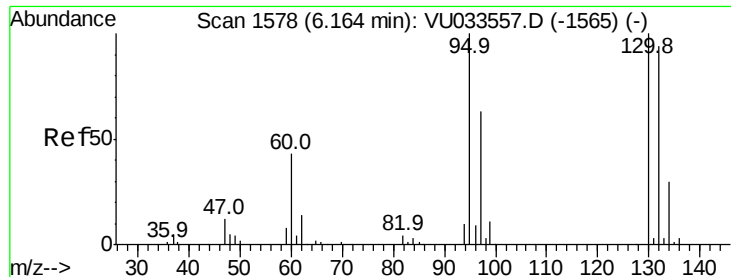


Abundance Ion 96.00 (95.70 to 96.70): VU033557.D (-949) (-)

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: 132.943 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

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Acq: 02 Aug 2019 12:14

Instrument :

MSVOA_U

ClientSampleId :

DB9F7

Tot Ion: 95 Resp: 290563

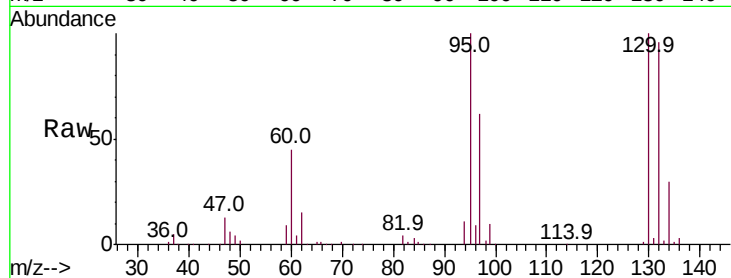
Ion Ratio Lower Upper

95 100

97 62.6 44.7 83.1

132 96.3 66.8 124.0

130 100.5 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

