

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033910.D
 Acq On : 22 Aug 2019 19:31
 Operator : JC/SP
 Sample : K4454-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B90

Quant Time: Aug 23 03:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 02:53:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	574107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	570852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	236760	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	188240	37.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.78%
7) Chloroethane-d5	1.67	69	167409	41.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.84%
11) 1,1-Dichloroethene-d2	2.25	63	269164	29.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.28%#
21) 2-Butanone-d5	4.15	46	379215	111.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.93%
24) Chloroform-d	4.62	84	352294	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	5.28	65	243137	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.32	84	711156	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
36) 1,2-Dichloropropane-d6	6.31	67	241902	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.94%
41) Toluene-d8	7.54	98	594184	40.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.10%
43) trans-1,3-Dichloropropene-	7.83	79	100617	41.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.86%
47) 2-Hexanone-d5	8.29	63	245920	112.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.39%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	357776	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	11.84	152	230673	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%

Target Compounds

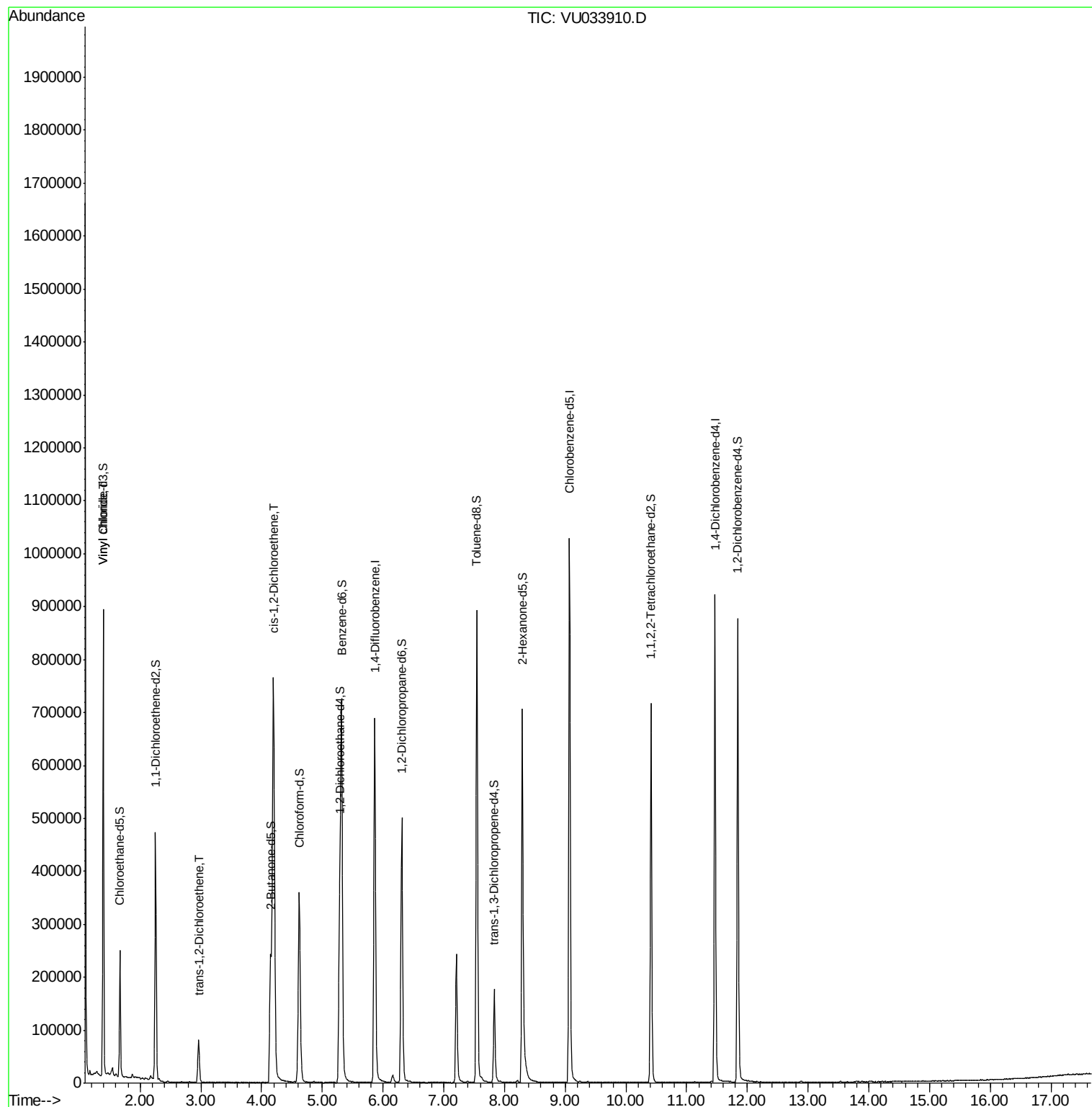
					Ovalue
5) Vinyl chloride	1.39	62	391776	65.311	ug/L 98
17) trans-1,2-Dichloroethene	2.96	96	32226	7.749	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	422387	92.269	ug/L 98

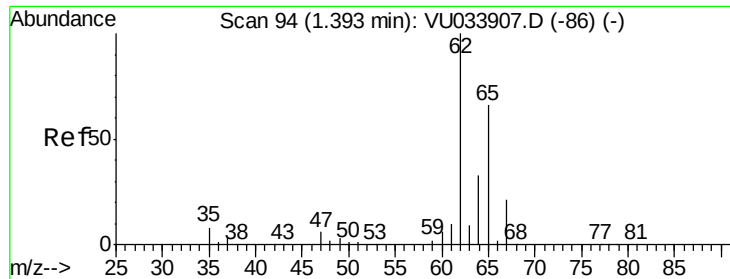
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 65.311 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033910.D

Acq: 22 Aug 2019 19:31

Instrument :

MSVOA_U

ClientSampled :

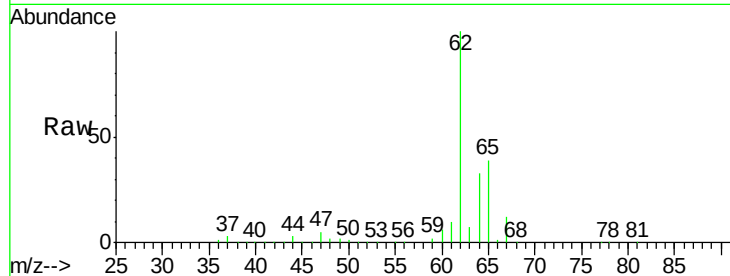
F2B90

Tot Ion: 62 Resp: 391776

Ion Ratio Lower Upper

62 100

64 32.9 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU033910.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU033910.D (-1) (-)

1.39

400000

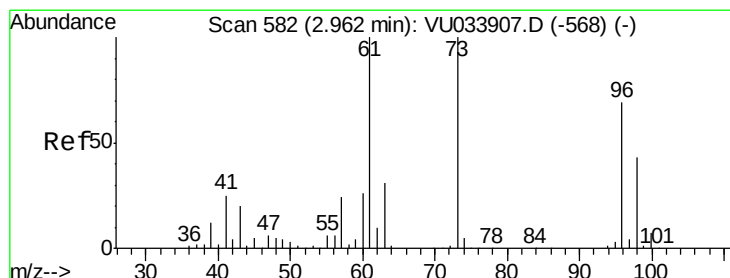
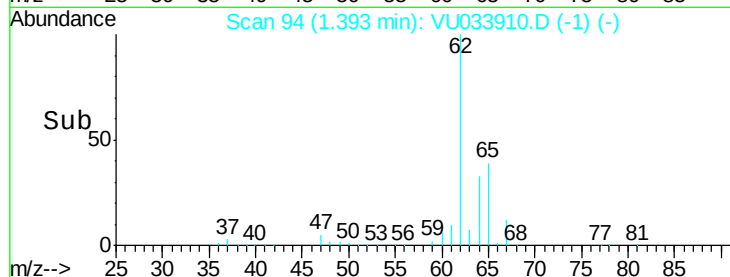
300000

200000

100000

0

Time-->



#17

trans-1,2-Dichloroethene

Concen: 7.749 ug/L

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033910.D

Acq: 22 Aug 2019 19:31

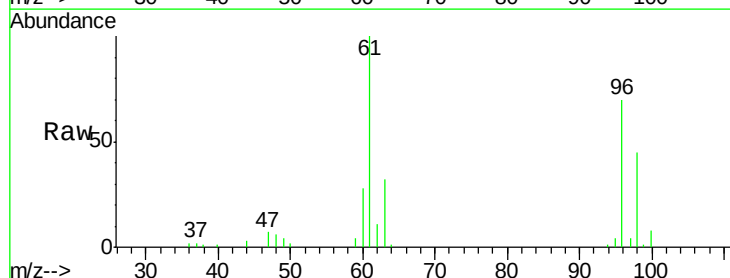
Tgt Ion: 96 Resp: 32226

Ion Ratio Lower Upper

96 100

61 143.6 101.2 187.8

98 65.3 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU033910.D (-489) (-)

Ion 61.00 (60.70 to 61.70): VU033910.D (-489) (-)

Ion 98.00 (97.70 to 98.70): VU033910.D (-489) (-)

2.96

30000

25000

20000

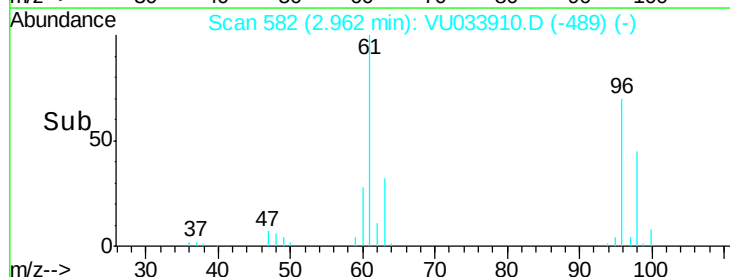
15000

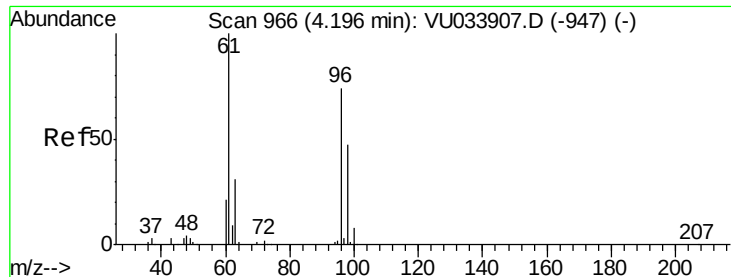
10000

5000

0

Time-->





#20
 cis-1,2-Dichloroethene
 Concen: 92.269 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033910.D
 Acq: 22 Aug 2019 19:31

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B90

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.4	95.5	177.4
68	0.0	0.0	0.0

