

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\
 Data File : VU033926.D
 Acq On : 23 Aug 2019 01:47
 Operator : JC/SP
 Sample : K4485-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B65

Quant Time: Aug 23 05:20:32 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	553848	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	561704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	233910	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	214605	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.38%
7) Chloroethane-d5	1.67	69	184124	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.58%
11) 1,1-Dichloroethene-d2	2.25	63	297668	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	4.15	46	351088	107.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	4.62	84	371309	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	5.28	65	259902	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
32) Benzene-d6	5.32	84	765683	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
36) 1,2-Dichloropropane-d6	6.31	67	259471	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.55	98	644154	44.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.34%
43) trans-1,3-Dichloropropene-	7.83	79	106725	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.29	63	236566	109.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.87%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	361146	48.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.96%
64) 1,2-Dichlorobenzene-d4	11.84	152	241082	50.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.02%

Target Compounds

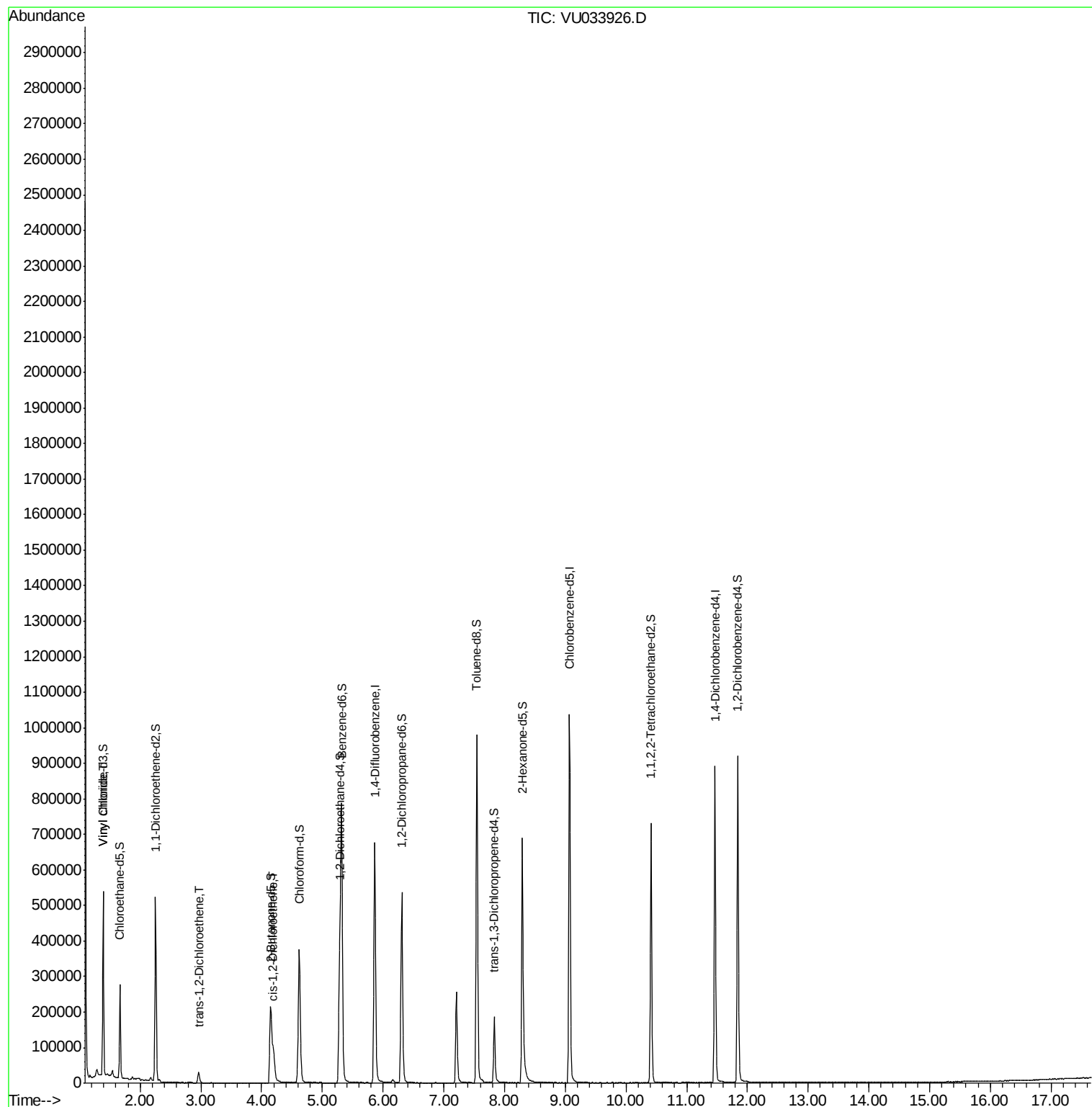
					Ovalue
5) Vinyl chloride	1.39	62	134565	23.253 ug/L	92
17) trans-1,2-Dichloroethene	2.96	96	12372	3.084 ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	36821	8.338 ug/L	98

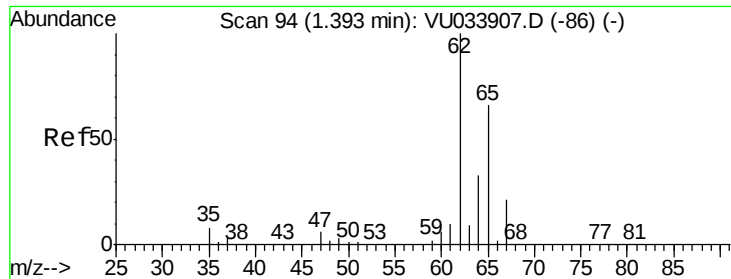
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 23.253 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033926.D

Acq: 23 Aug 2019 01:47

Instrument :

MSVOA_U

ClientSampleId :

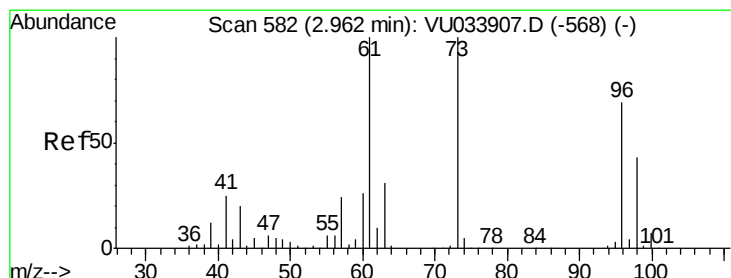
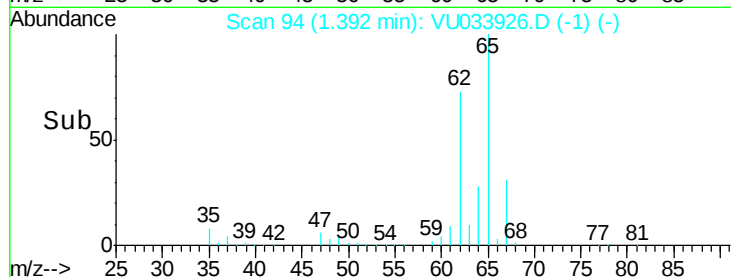
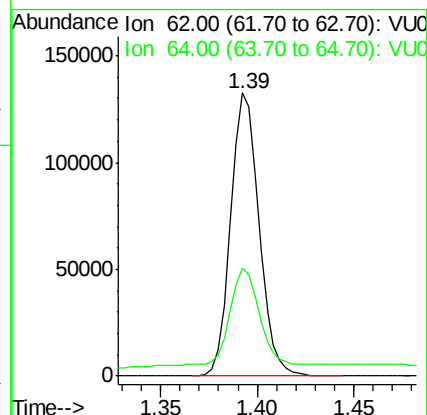
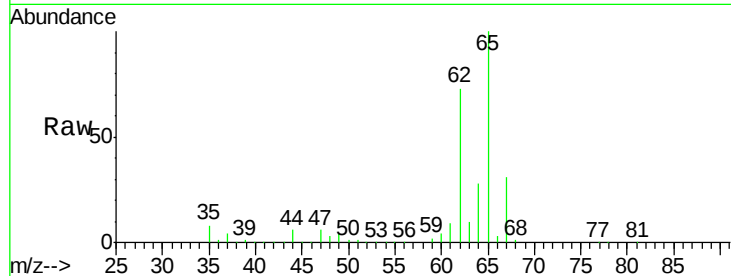
F2B65

Tot Ion: 62 Resp: 134565

Ion Ratio Lower Upper

62 100

64 38.2 23.7 44.1



#17

trans-1,2-Dichloroethene

Concen: 3.084 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

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Acq: 23 Aug 2019 01:47

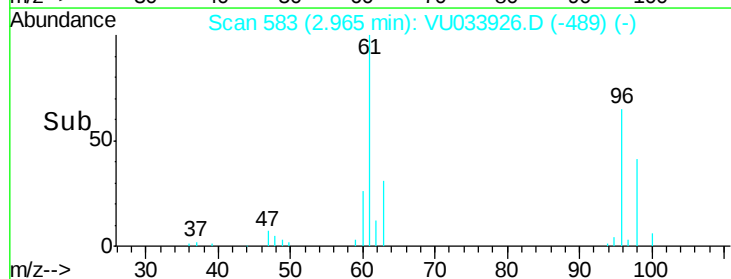
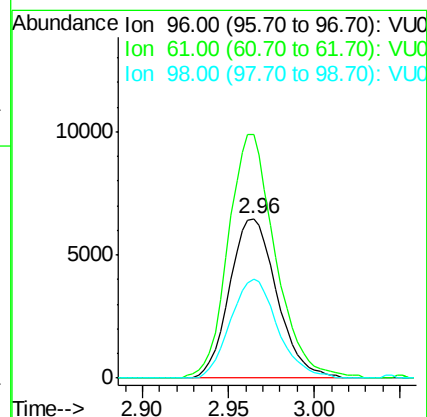
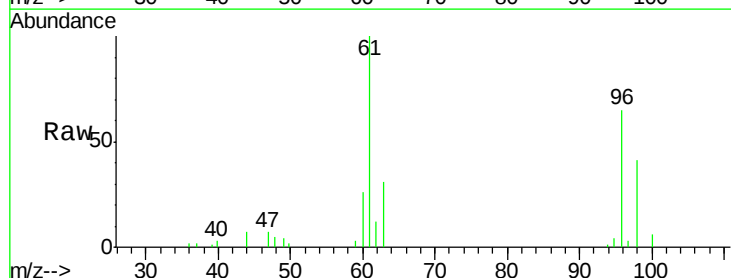
Tgt Ion: 96 Resp: 12372

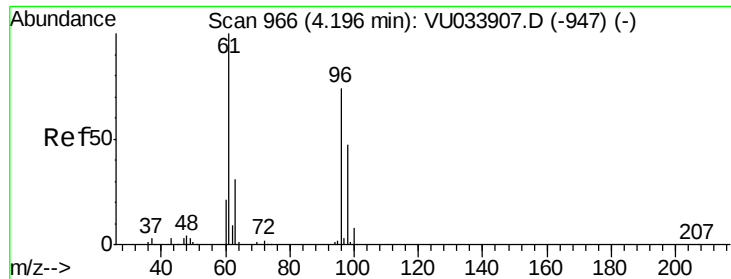
Ion Ratio Lower Upper

96 100

61 152.8 101.2 187.8

98 61.9 44.0 81.6





#20
 cis-1,2-Dichloroethene
 Concen: 8.338 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033926.D
 Acq: 23 Aug 2019 01:47

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B65

Tot Ion: 96 Resp: 36821
 Ion Ratio Lower Upper
 96 100
 61 138.8 95.5 177.4
 68 0.0 0.0 0.0

