

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082319\
 Data File : VU033937.D
 Acq On : 23 Aug 2019 13:07
 Operator : JC/SP
 Sample : K4485-13DL 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B89DL

Quant Time: Aug 26 07:15:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 26 06:54:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	568793	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	585060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	236892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	218078	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.44%
7) Chloroethane-d5	1.67	69	187581	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.82%
11) 1,1-Dichloroethene-d2	2.25	63	323184	35.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.84%
21) 2-Butanone-d5	4.15	46	328785	97.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.95%
24) Chloroform-d	4.62	84	375116	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.28	65	264464	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.31	84	799404	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.31	67	266244	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.74%
41) Toluene-d8	7.55	98	682083	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%
43) trans-1,3-Dichloropropene-	7.83	79	114108	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.70%
47) 2-Hexanone-d5	8.29	63	200441	89.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	349779	45.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.10%
64) 1,2-Dichlorobenzene-d4	11.84	152	247556	51.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.42%

Target Compounds

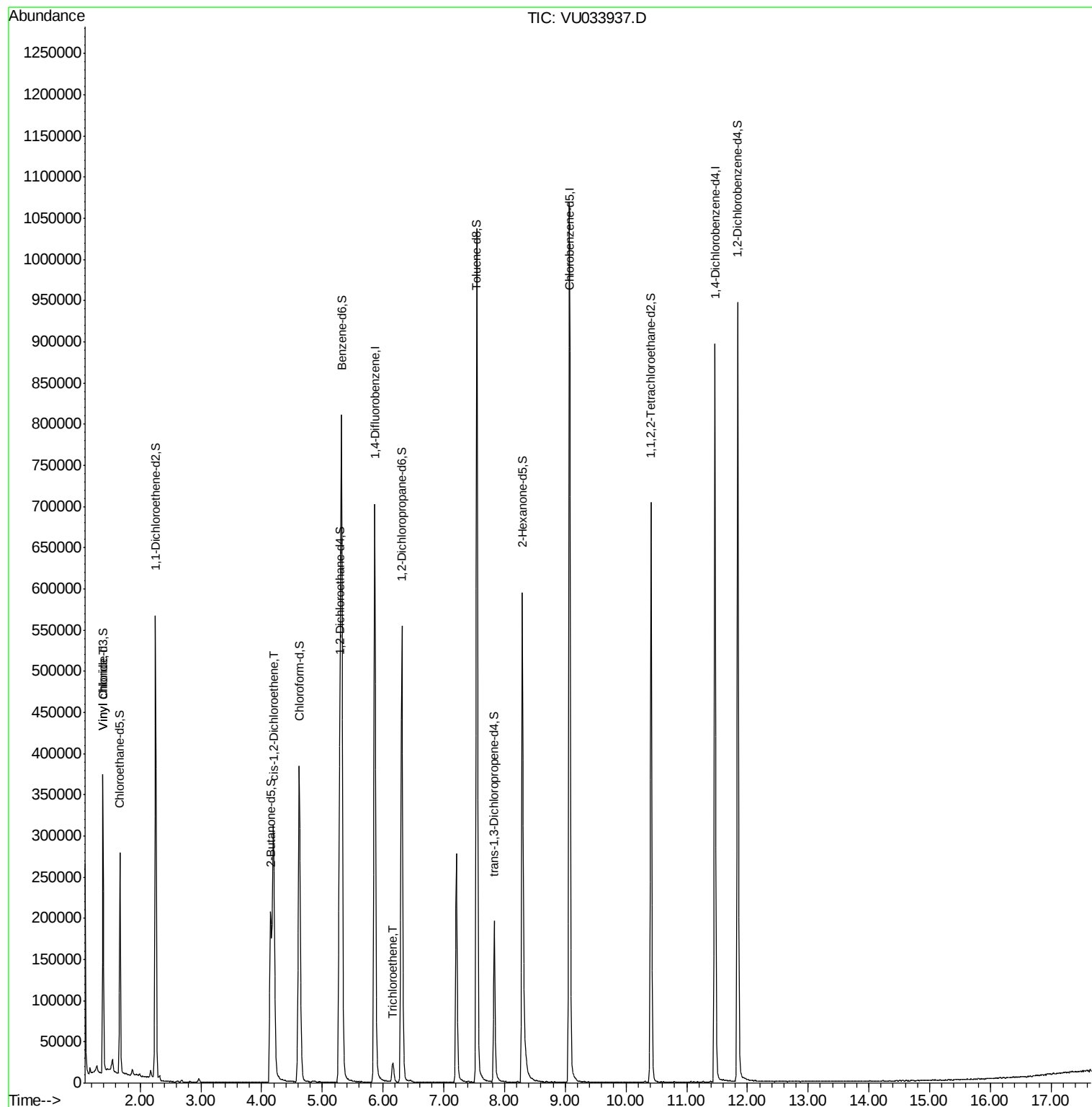
					Ovalue
5) Vinyl chloride	1.39	62	17016	2.863	ug/L # 43
20) cis-1,2-Dichloroethene	4.20	96	161660	35.644	ug/L 99
34) Trichloroethene	6.17	95	4874	1.062	ug/L 94

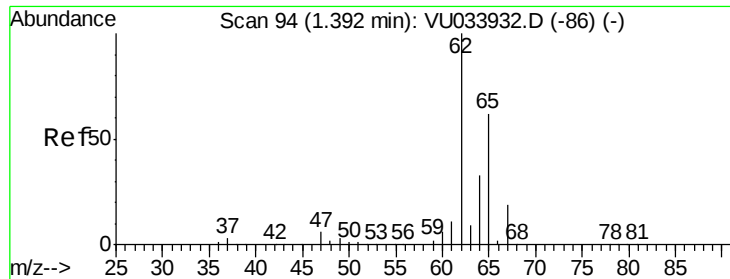
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.863 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

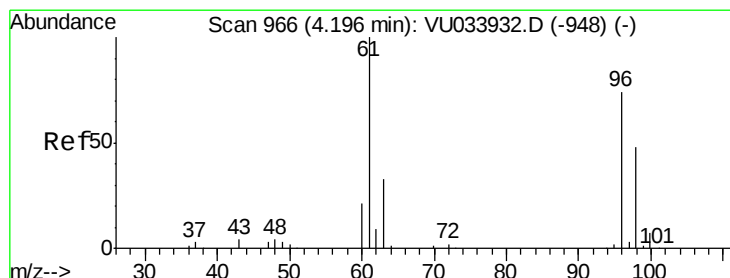
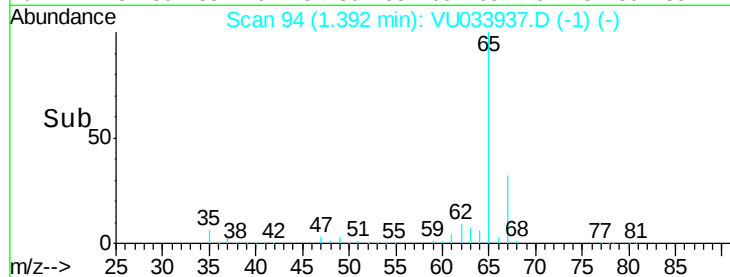
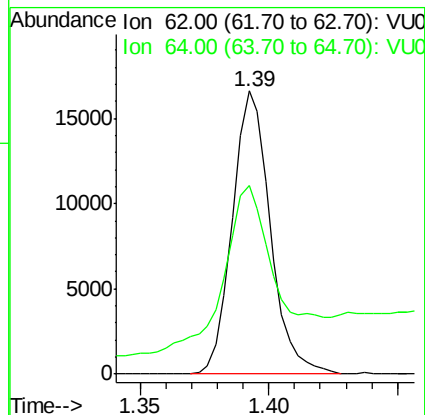
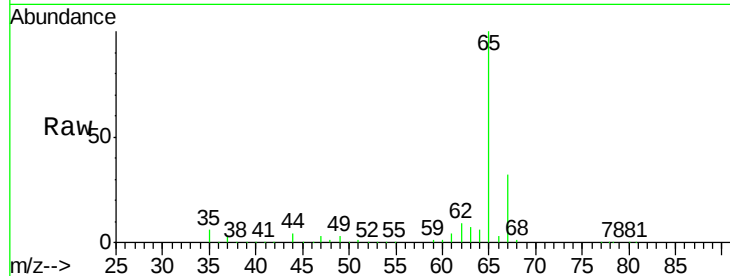
F2B89DL

Tot Ion: 62 Resp: 17016

Ion Ratio Lower Upper

62 100

64 66.6 23.7 44.1#



#20

cis-1,2-Dichloroethene

Concen: 35.644 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

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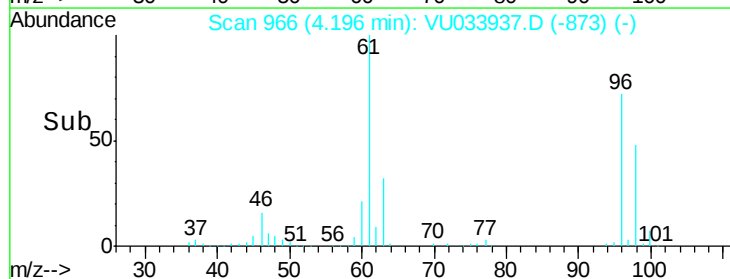
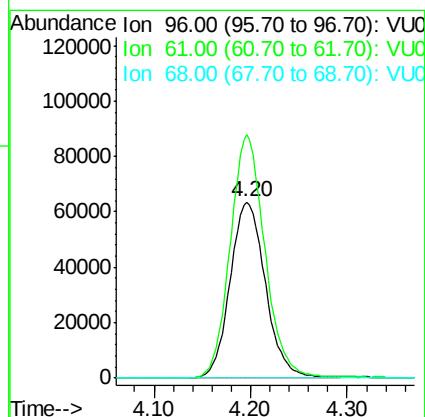
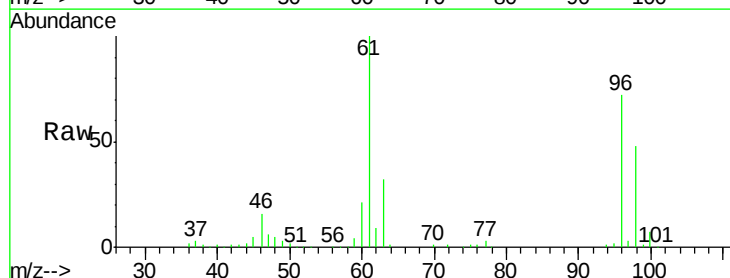
Tgt Ion: 96 Resp: 161660

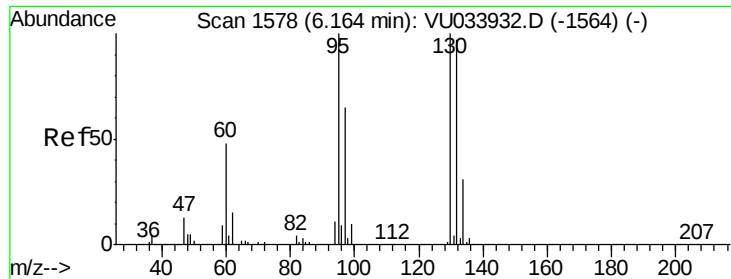
Ion Ratio Lower Upper

96 100

61 138.2 95.5 177.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.062 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033937.D

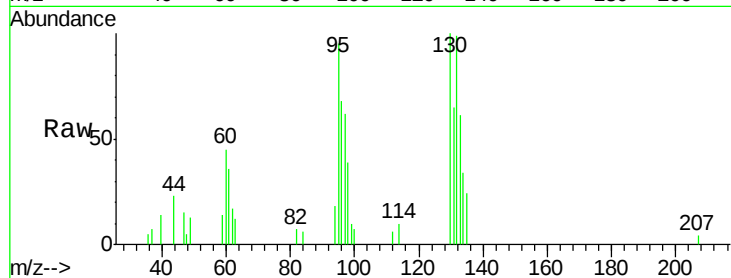
Acq: 23 Aug 2019 13:07

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Tot Ion: 95 Resp: 4874

Ion Ratio Lower Upper

95 100

97 64.8 44.7 82.9

132 104.0 65.7 122.1

130 105.0 70.0 130.0

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

