

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033869.D
 Acq On : 21 Aug 2019 13:40
 Operator : JC/SP
 Sample : K4420-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B70

Quant Time: Aug 22 06:53:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 05:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	389786	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	399835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166542	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	161209	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.94%
7) Chloroethane-d5	1.67	69	143406	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.44%
11) 1,1-Dichloroethene-d2	2.25	63	215649	36.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.58%
21) 2-Butanone-d5	4.15	46	174667	94.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.97%
24) Chloroform-d	4.62	84	262233	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.29	65	174700	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.32	84	525337	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
36) 1,2-Dichloropropane-d6	6.31	67	171917	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.55	98	458631	44.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.83	79	74397	43.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.88%
47) 2-Hexanone-d5	8.30	63	112524	84.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.14%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	236566	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.84	152	172696	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%

Target Compounds

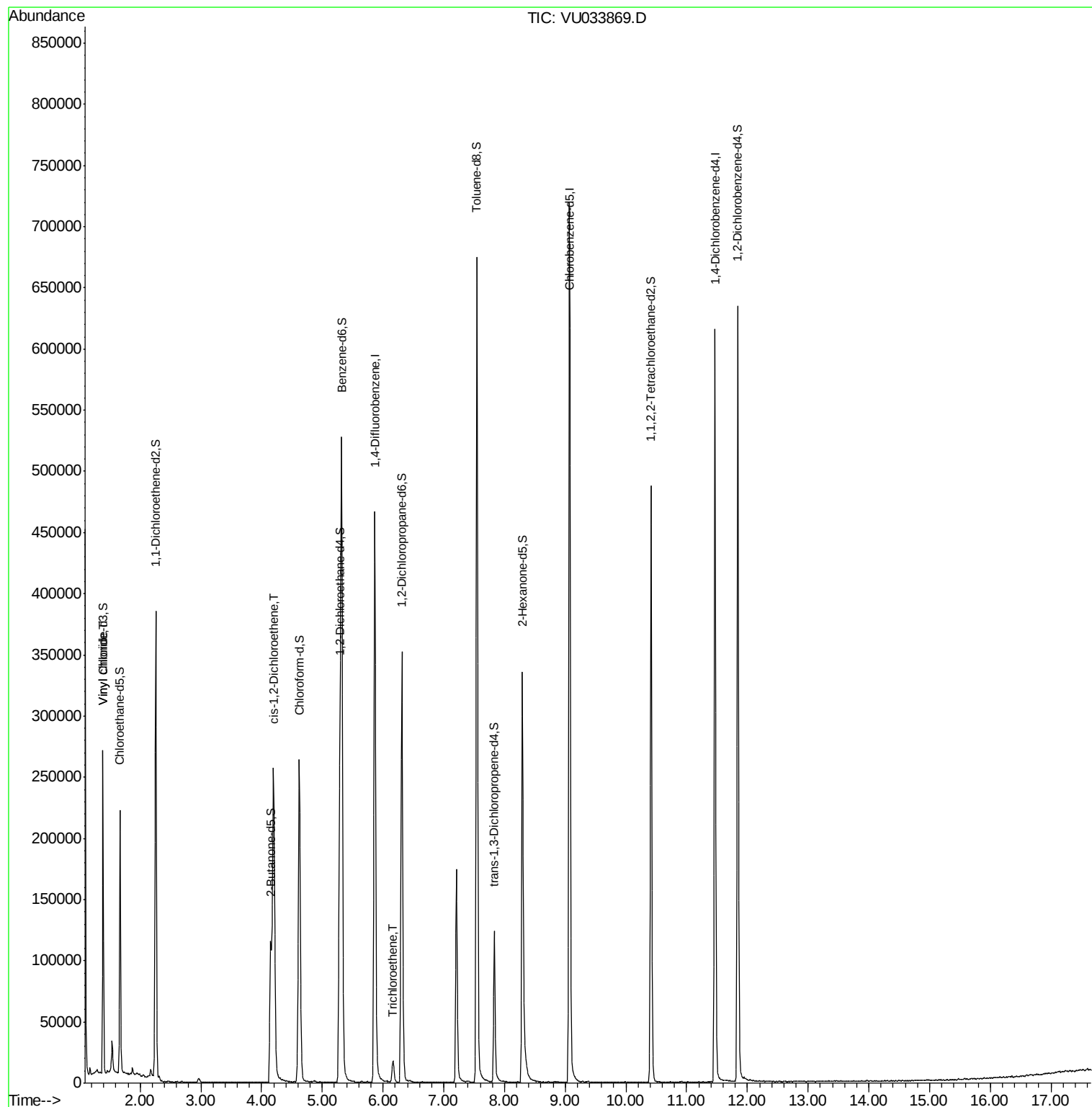
					Ovalue
5) Vinyl chloride	1.39	62	8607	1.966 ug/L	# 47
20) cis-1,2-Dichloroethene	4.20	96	139394	45.886 ug/L	98
34) Trichloroethene	6.17	95	4578	1.420 ug/L	96

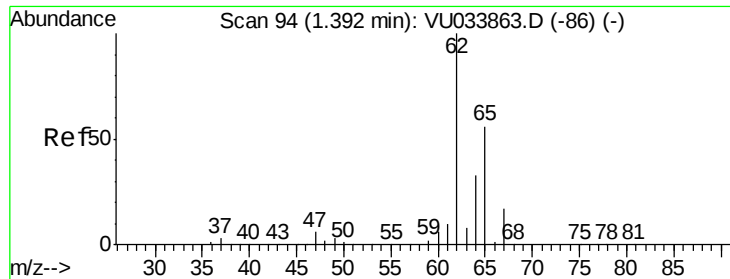
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.966 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

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Acq: 21 Aug 2019 13:40

Instrument :

MSVOA_U

ClientSampled :

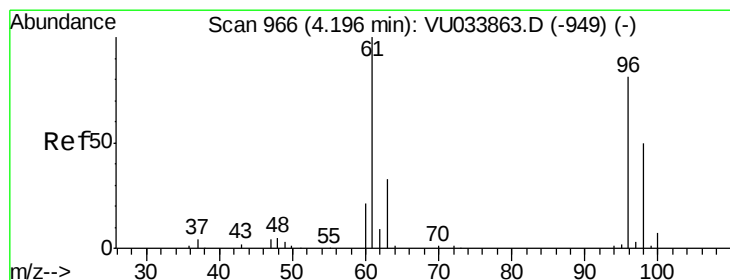
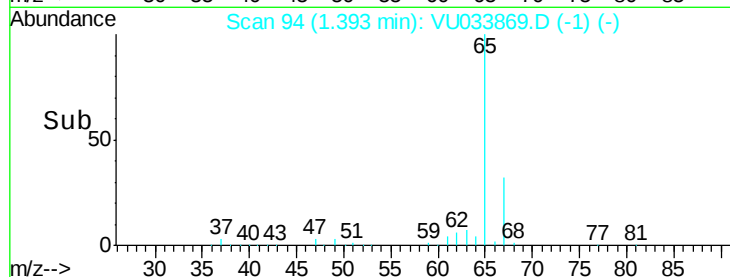
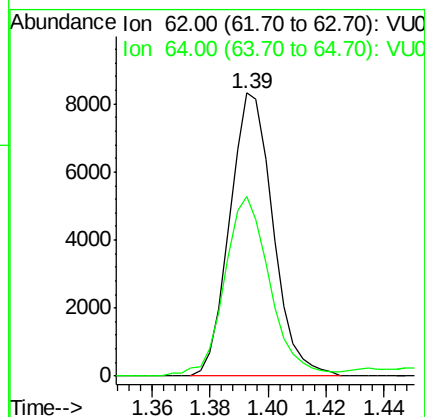
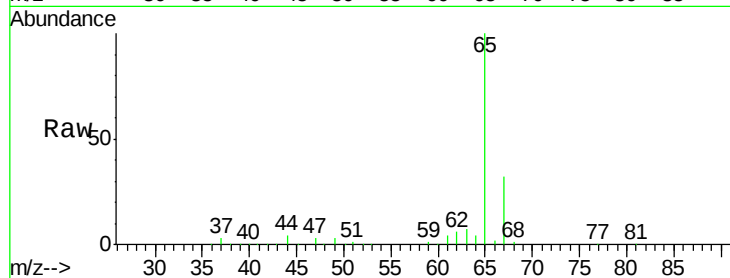
F2B70

Tot Ion: 62 Resp: 8607

Ion Ratio Lower Upper

62 100

64 63.6 23.3 43.3#



#20

cis-1,2-Dichloroethene

Concen: 45.886 ug/L

RT: 4.20 min Scan# 966

Delta R.T. 0.00 min

Lab File: VU033869.D

Acq: 21 Aug 2019 13:40

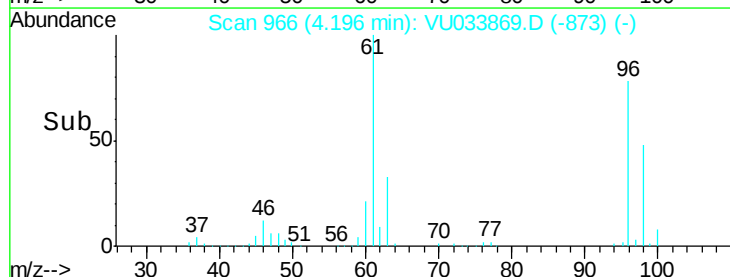
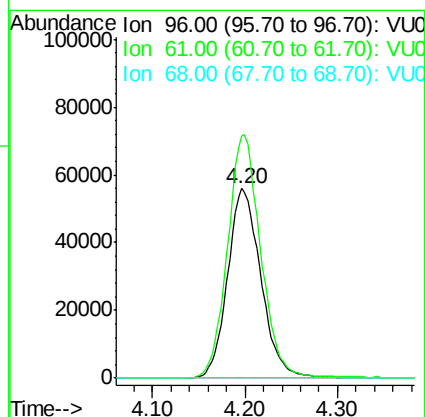
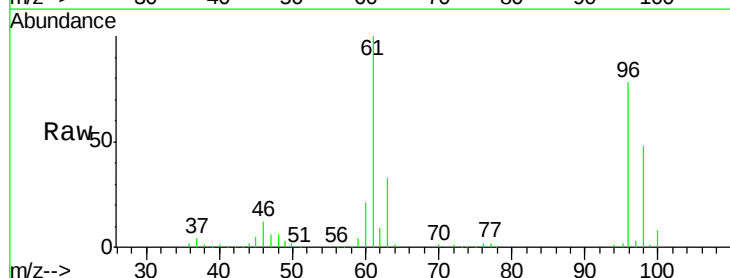
Tgt Ion: 96 Resp: 139394

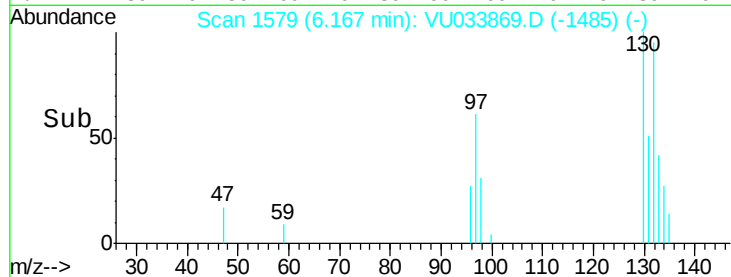
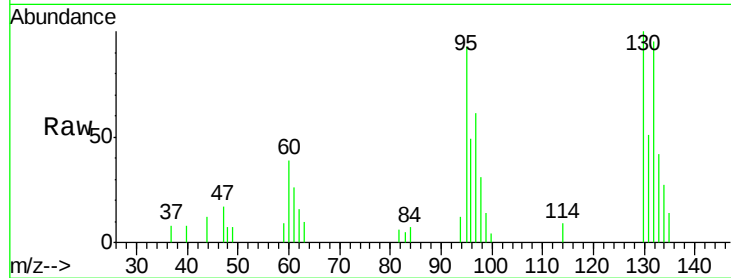
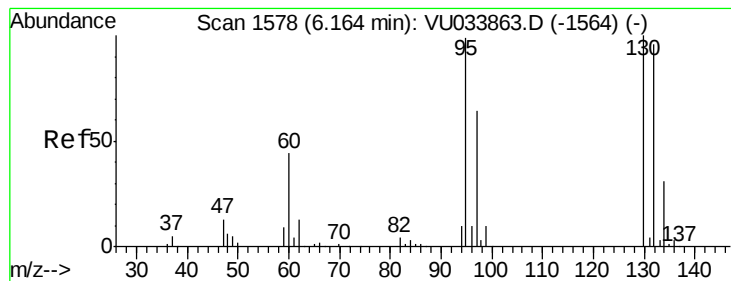
Ion Ratio Lower Upper

96 100

61 128.2 88.2 163.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.420 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

F2B70

Tot Ion: 95 Resp: 4578

Ion Ratio Lower Upper

95 100

97 65.0 46.3 86.1

132 101.8 67.9 126.1

130 107.2 72.0 133.6

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

