

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082319\
 Data File : VU033942.D
 Acq On : 23 Aug 2019 15:04
 Operator : JC/SP
 Sample : K4485-17DL 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B95DL

Quant Time: Aug 26 07:32:00 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	556139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	567008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	224980	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	215497	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.38%
7) Chloroethane-d5	1.67	69	184222	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.24%
11) 1,1-Dichloroethene-d2	2.25	63	315873	35.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.80%
21) 2-Butanone-d5	4.15	46	314786	95.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.92%
24) Chloroform-d	4.62	84	375675	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.28	65	264643	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
32) Benzene-d6	5.31	84	785182	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
36) 1,2-Dichloropropane-d6	6.31	67	266460	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.96%
41) Toluene-d8	7.55	98	678301	46.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.83	79	111266	46.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.26%
47) 2-Hexanone-d5	8.29	63	187107	86.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.09%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	347894	46.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.48%
64) 1,2-Dichlorobenzene-d4	11.84	152	244006	53.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.30%

Target Compounds

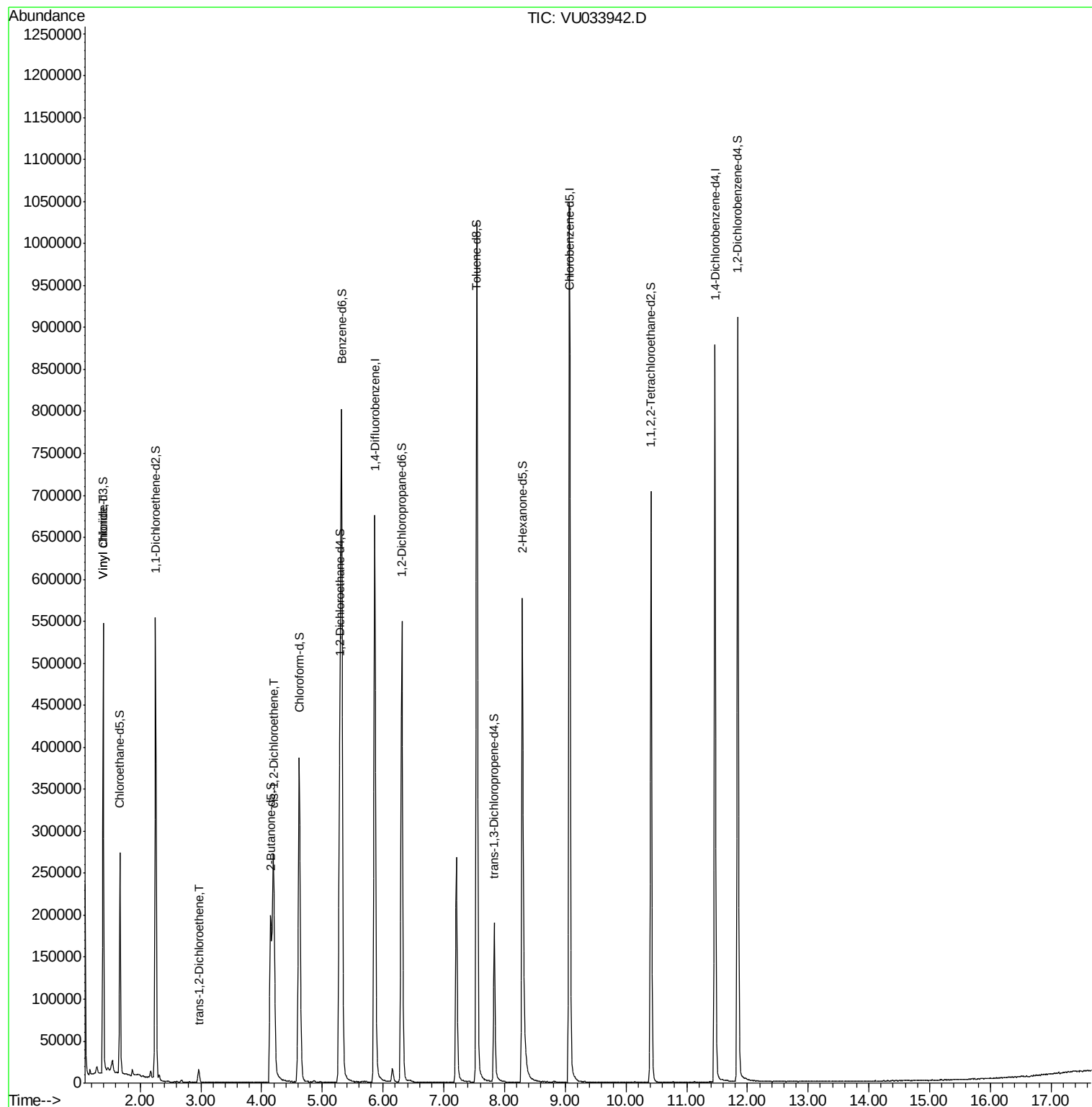
					Ovalue
5) Vinyl chloride	1.39	62	147903	25.453	ug/L 96
17) trans-1,2-Dichloroethene	2.96	96	6334	1.572	ug/L 95
20) cis-1,2-Dichloroethene	4.20	96	138788	31.297	ug/L 99

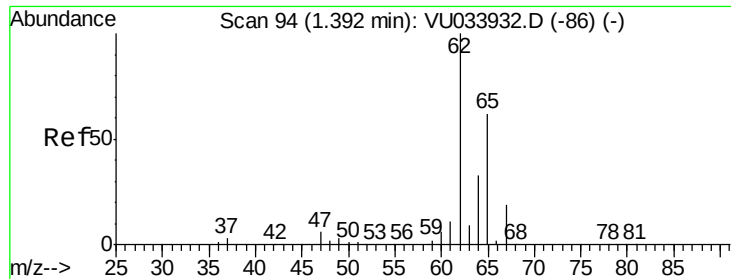
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 25.453 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033942.D

Acq: 23 Aug 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

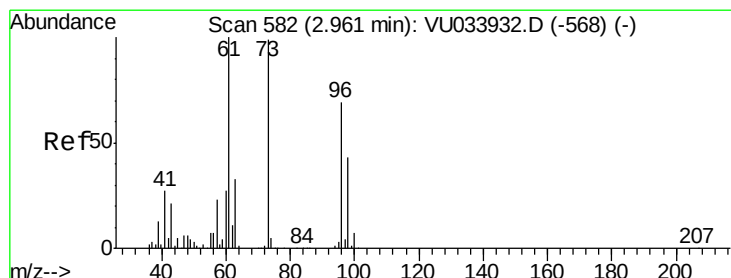
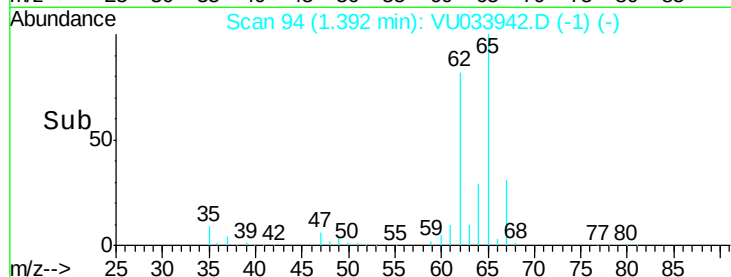
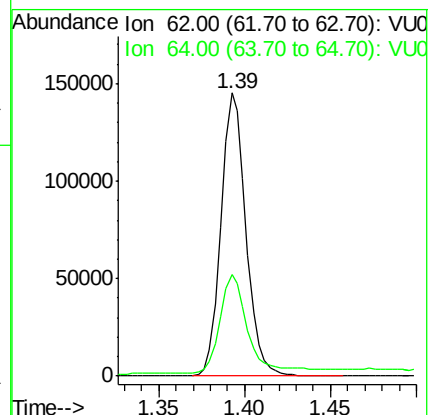
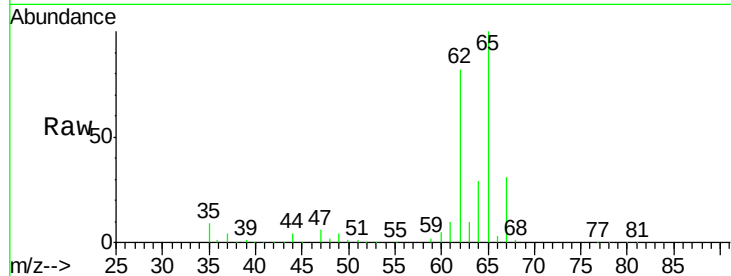
F2B95DL

Tot Ion: 62 Resp: 147903

Ion Ratio Lower Upper

62 100

64 36.0 23.7 44.1



#17

trans-1,2-Dichloroethene

Concen: 1.572 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033942.D

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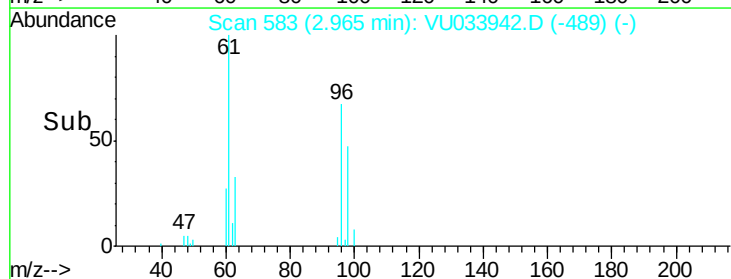
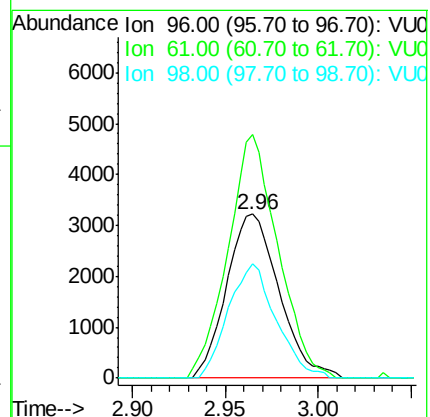
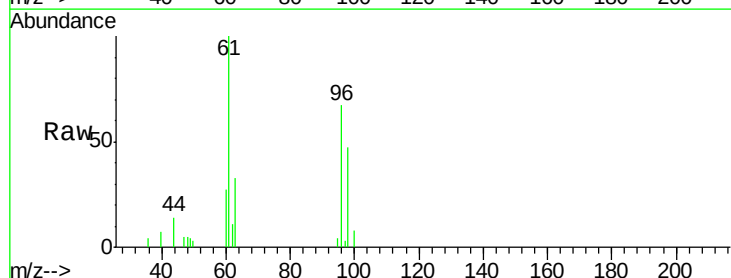
Tgt Ion: 96 Resp: 6334

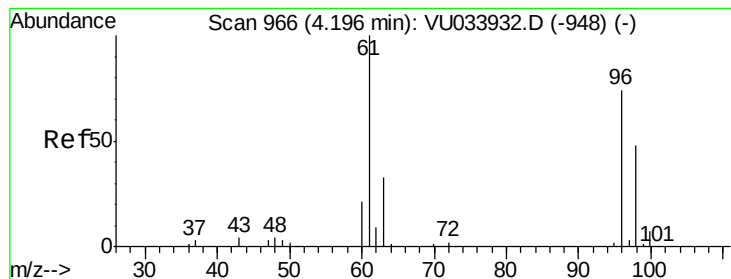
Ion Ratio Lower Upper

96 100

61 148.5 101.2 187.8

98 69.5 44.0 81.6





#20
 cis-1,2-Dichloroethene
 Concen: 31.297 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033942.D
 Acq: 23 Aug 2019 15:04

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B95DL

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	137.6	95.5	177.4	
68	0.0	0.0	0.0	

