

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033007.D
 Acq On : 24 Jun 2019 15:07
 Operator : JC/SP
 Sample : K3478-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF32

Quant Time: Jun 25 06:51:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:22:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	186151	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87353	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62568	49.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.36%
7) Chloroethane-d5	1.68	69	52422	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.34%
11) 1,1-Dichloroethene-d2	2.27	63	101435	39.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.16%
21) 2-Butanone-d5	4.17	46	119764	113.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.11%
24) Chloroform-d	4.64	84	126979	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
26) 1,2-Dichloroethane-d4	5.30	65	88965	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
32) Benzene-d6	5.33	84	249671	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
36) 1,2-Dichloropropane-d6	6.32	67	80630	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.42%
41) Toluene-d8	7.56	98	226943	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%
43) trans-1,3-Dichloropropene-	7.85	79	38469	48.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.68%
47) 2-Hexanone-d5	8.31	63	70882	99.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.23%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	116200	49.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	89521	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%

Target Compounds

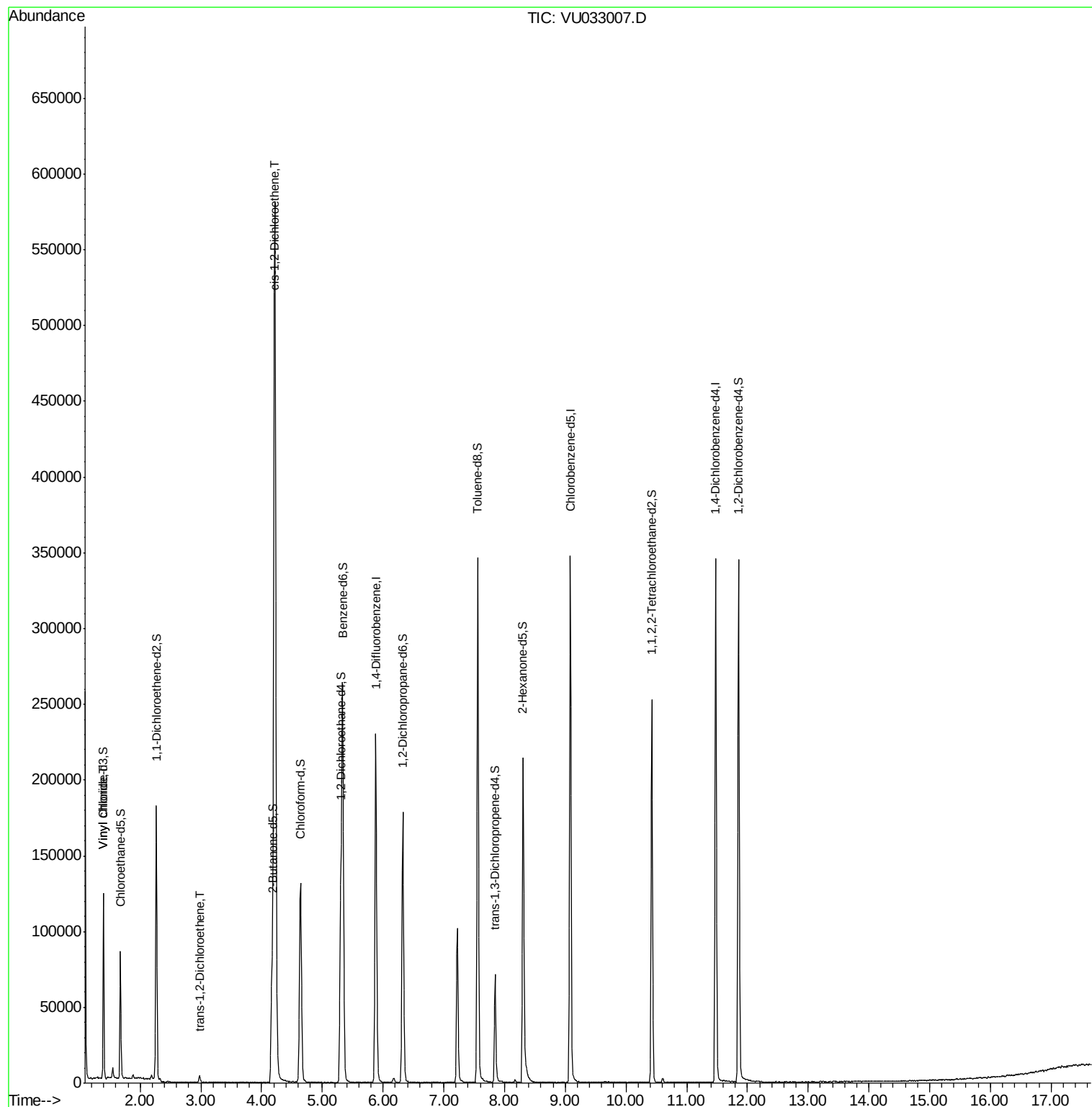
					Ovalue
5) Vinyl chloride	1.40	62	14907	8.819 ug/L	91
17) trans-1,2-Dichloroethene	2.98	96	1940	1.526 ug/L	86
20) cis-1,2-Dichloroethene	4.22	96	308531	222.791 ug/L	94

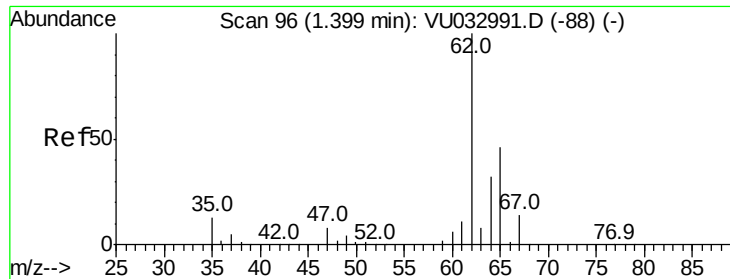
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.819 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU033007.D

Acq: 24 Jun 2019 15:07

Instrument :

MSVOA_U

ClientSampleId :

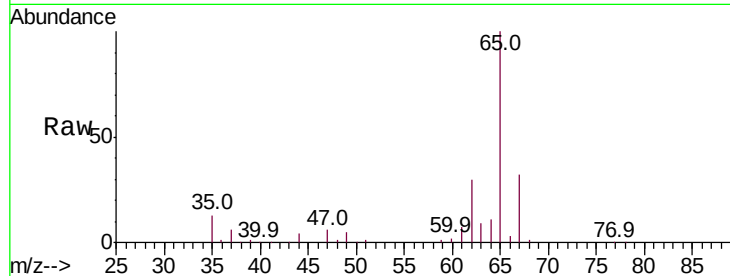
ETF32

Tot Ion: 62 Resp: 14907

Ion Ratio Lower Upper

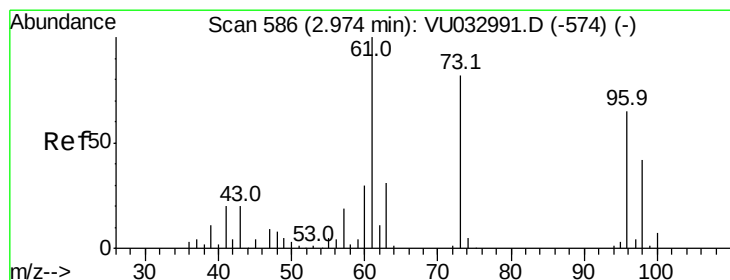
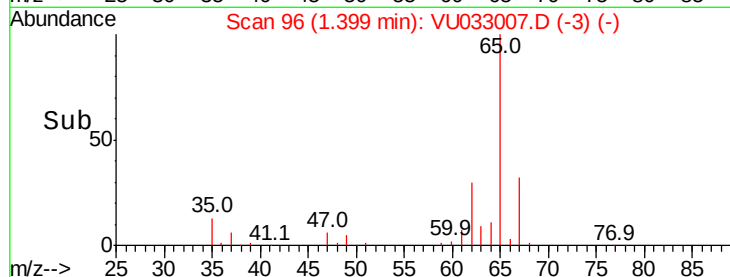
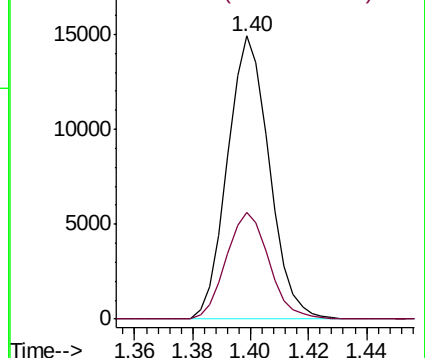
62 100

64 37.8 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 1.526 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.01 min

Lab File: VU033007.D

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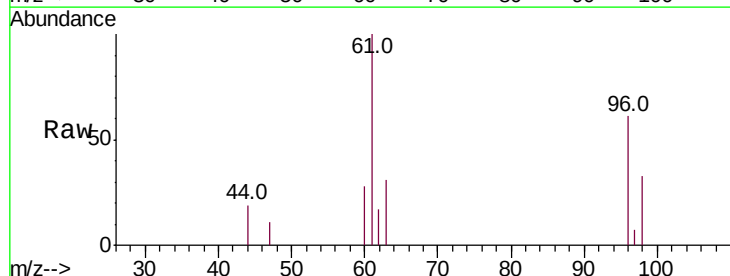
Tgt Ion: 96 Resp: 1940

Ion Ratio Lower Upper

96 100

61 163.0 100.9 187.5

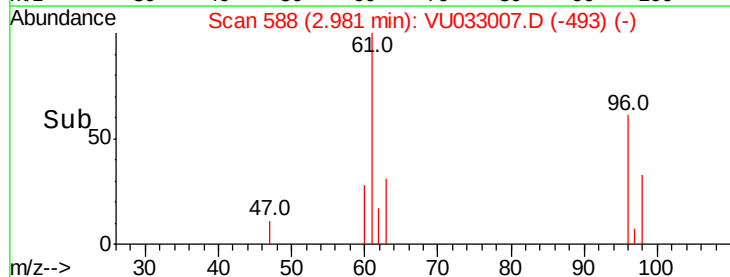
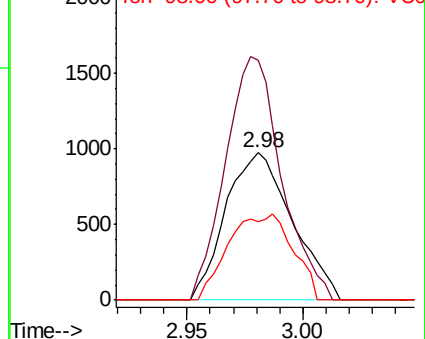
98 53.3 44.0 81.8

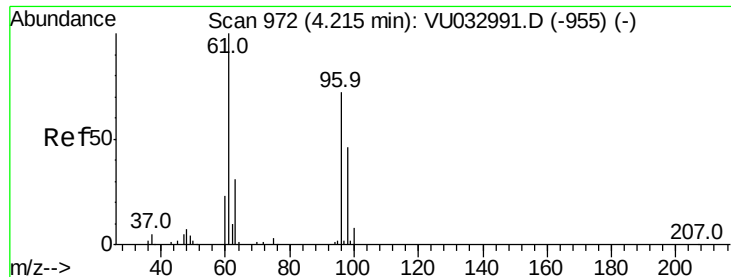


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20
 cis-1,2-Dichloroethene
 Concen: 222.791 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU033007.D
 Acq: 24 Jun 2019 15:07

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 MSVOA_U
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Tot Ion: 96 Resp: 308531
 Ion Ratio Lower Upper
 96 100
 61 139.0 92.4 171.6
 68 0.0 0.0 0.0

