

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033031.D
 Acq On : 25 Jun 2019 01:12
 Operator : JC/SP
 Sample : K3463-11DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF14DL

Quant Time: Jun 25 07:59:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 06:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	197348	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92118	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62906	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.28%
7) Chloroethane-d5	1.67	69	52792	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.16%
11) 1,1-Dichloroethene-d2	2.26	63	99037	36.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.90%
21) 2-Butanone-d5	4.17	46	125227	111.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.55%
24) Chloroform-d	4.64	84	130770	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	5.30	65	94462	54.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.18%
32) Benzene-d6	5.33	84	256646	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	6.32	67	83737	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.78%
41) Toluene-d8	7.56	98	231863	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%
43) trans-1,3-Dichloropropene-	7.85	79	39035	46.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.00%
47) 2-Hexanone-d5	8.31	63	72867	96.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119021	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	90092	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

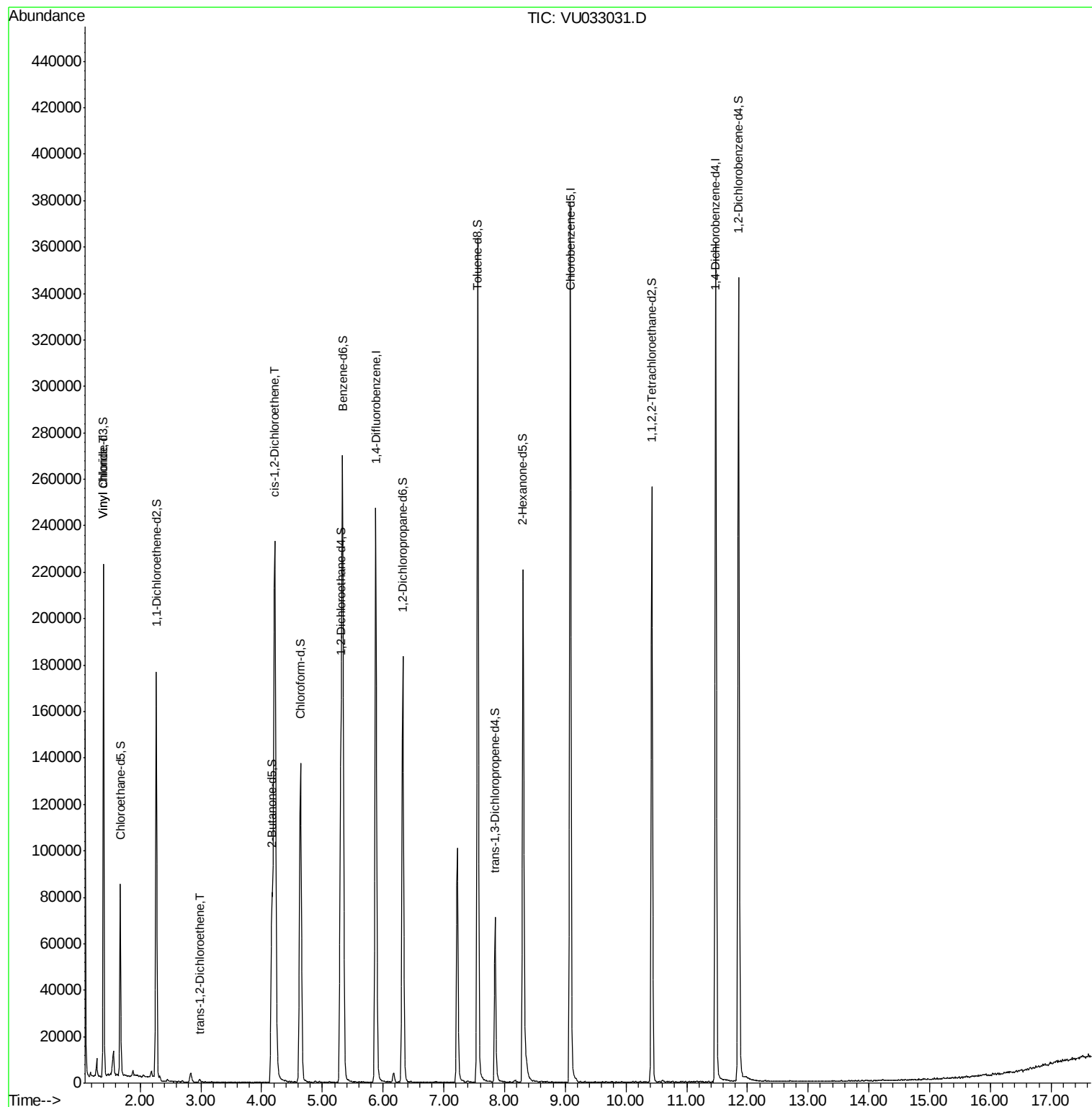
					Ovalue
5) Vinyl chloride	1.40	62	78287	43.685	ug/L 100
17) trans-1,2-Dichloroethene	2.97	96	520	0.386	ug/L 95
20) cis-1,2-Dichloroethene	4.22	96	119023	81.070	ug/L 93

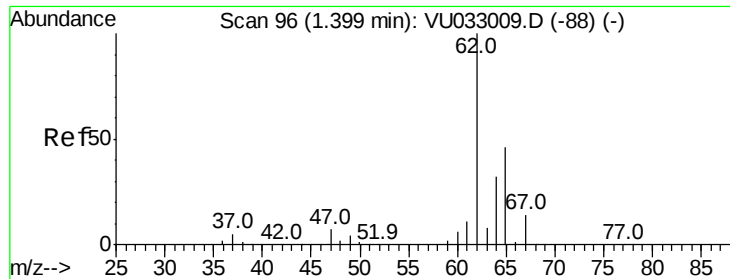
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 43.685 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleID :

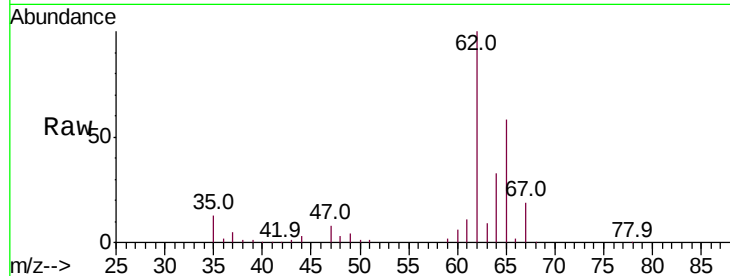
ETF14DL

Tot Ion: 62 Resp: 78287

Ion Ratio Lower Upper

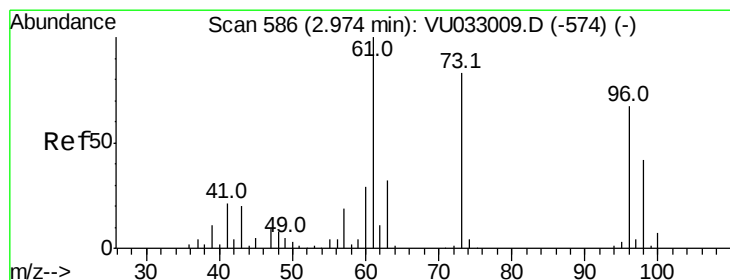
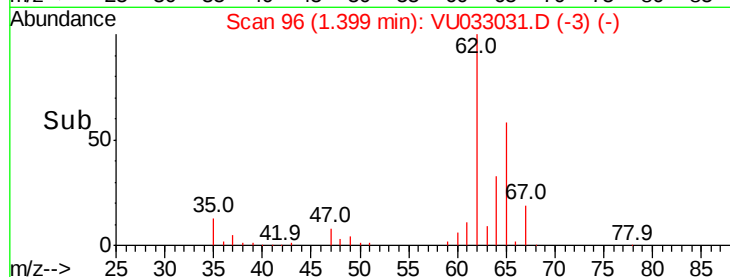
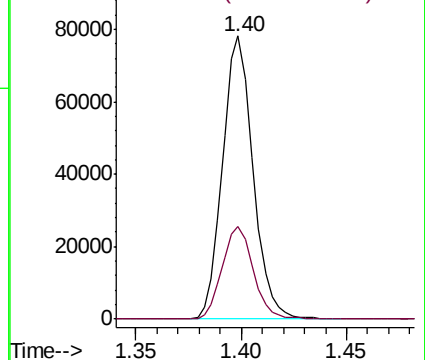
62 100

64 32.8 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: 0.386 ug/L

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

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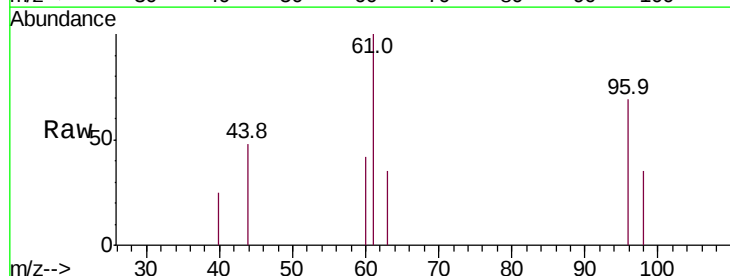
Tgt Ion: 96 Resp: 520

Ion Ratio Lower Upper

96 100

61 144.3 100.9 187.5

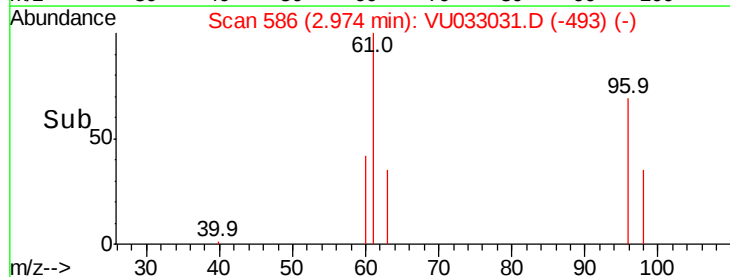
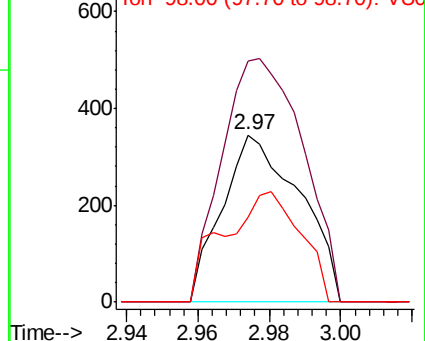
98 51.0 44.0 81.8

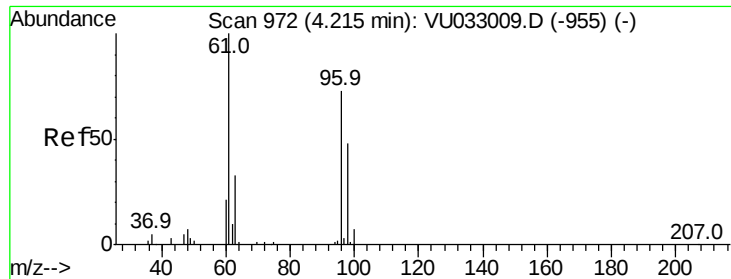


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20
 cis-1,2-Dichloroethene
 Concen: 81.070 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
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Tot Ion: 96 Resp: 119023
 Ion Ratio Lower Upper
 96 100
 61 140.4 92.4 171.6
 68 0.0 0.0 0.0

