

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032957.D
 Acq On : 21 Jun 2019 20:15
 Operator : JC/SP
 Sample : K3463-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF17

Quant Time: Jun 22 02:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 01:56:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191566	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187171	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48094	36.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.48%
7) Chloroethane-d5	1.68	69	42238	40.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.90%
11) 1,1-Dichloroethene-d2	2.26	63	74776	28.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.70%#
21) 2-Butanone-d5	4.17	46	122644	112.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.55%
24) Chloroform-d	4.64	84	114230	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	5.30	65	81990	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.33	84	209063	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.70%
36) 1,2-Dichloropropane-d6	6.32	67	71988	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.64%
41) Toluene-d8	7.56	98	188225	41.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.38%
43) trans-1,3-Dichloropropene-	7.85	79	34129	42.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.42%
47) 2-Hexanone-d5	8.31	63	72473	99.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113503	47.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	79711	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%

Target Compounds

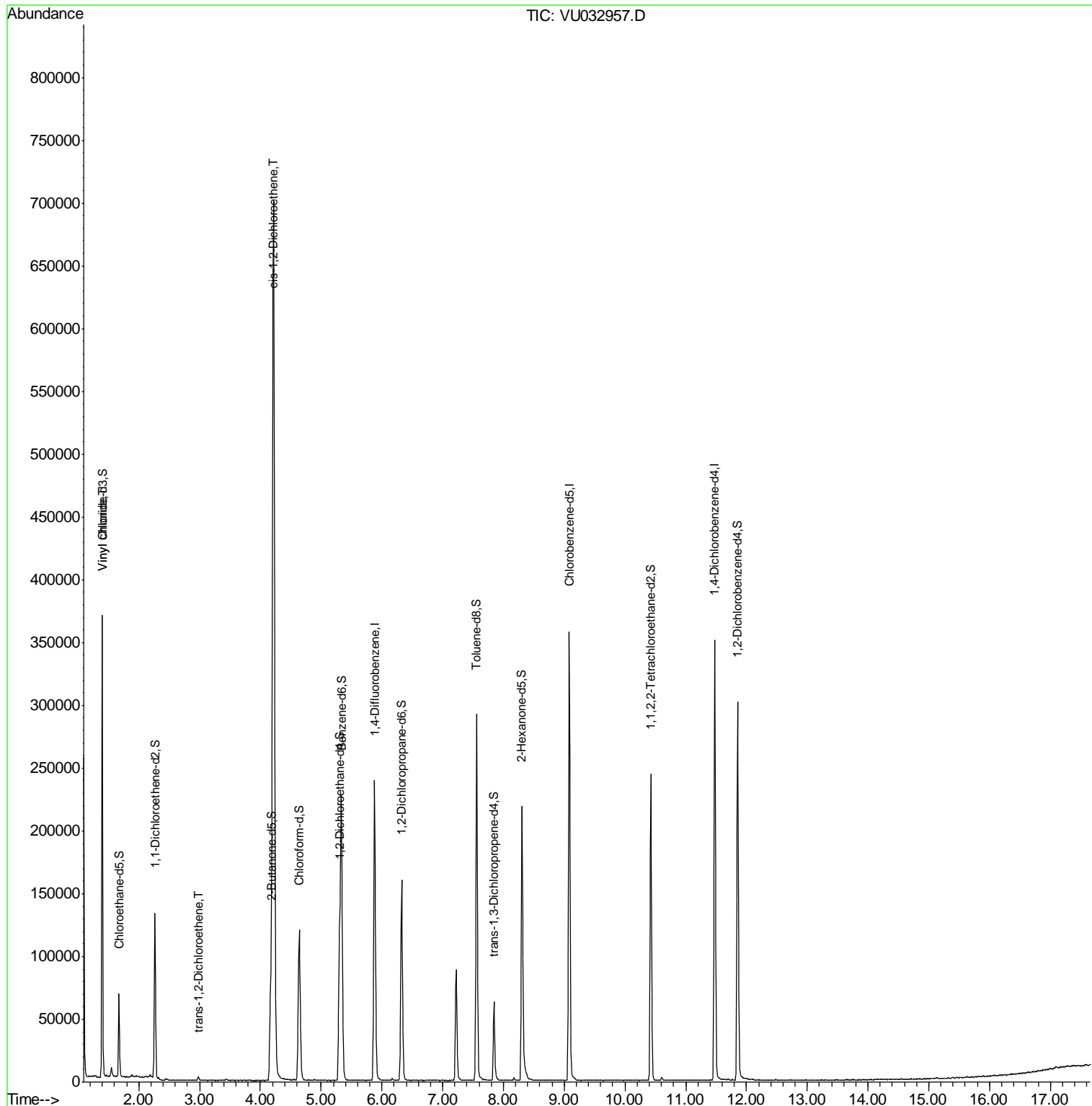
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	176275	101.332	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	1069	0.817	ug/L	83
20) cis-1,2-Dichloroethene	4.22	96	369821	259.500	ug/L	95

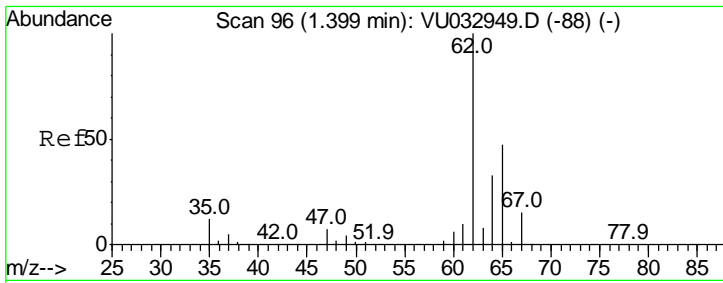
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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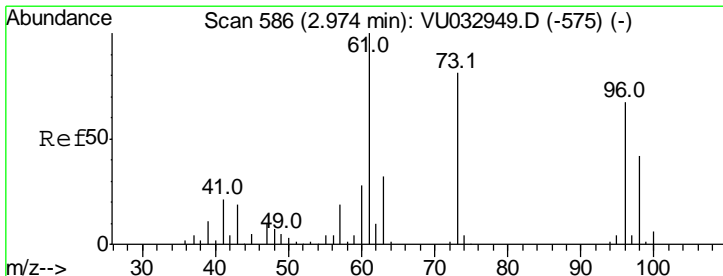
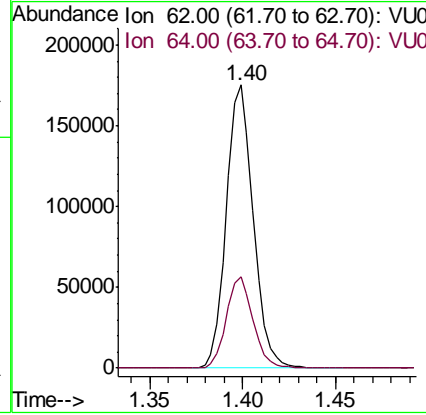
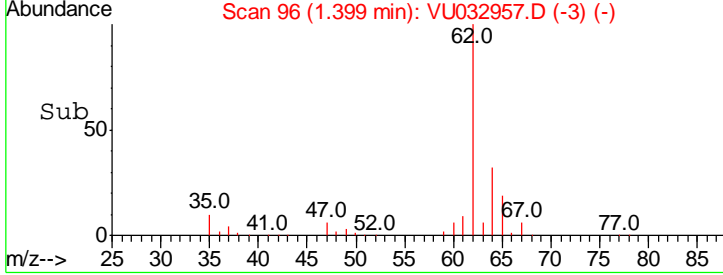
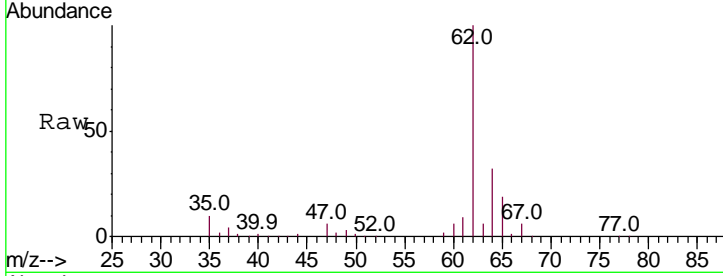




#5
 Vinyl chloride
 Concen: 101.332 ug/L
 RT: 1.40 min Scan# 96
 Delta R.T. 0.00 min
 Lab File: VU032957.D
 Acq: 21 Jun 2019 20:15

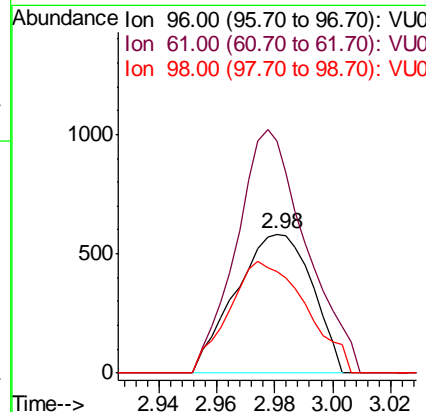
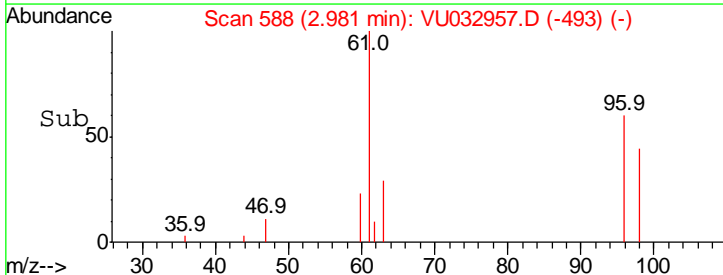
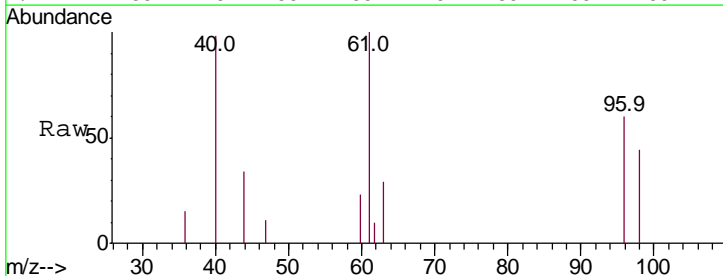
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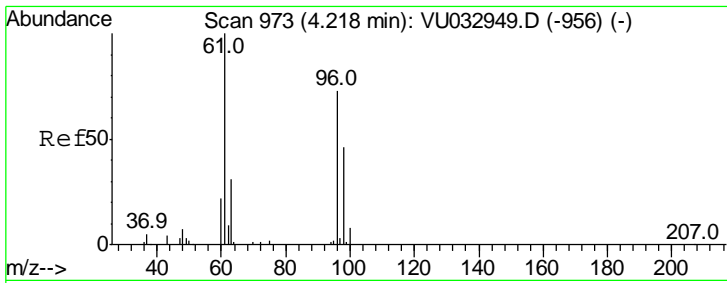
Tgt Ion	Resp	Lower	Upper
62	176275		
62	100		
64	32.3	23.0	42.6



#17
 trans-1,2-Dichloroethene
 Concen: 0.817 ug/L
 RT: 2.98 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: VU032957.D
 Acq: 21 Jun 2019 20:15

Tgt Ion	Resp	Lower	Upper
96	1069		
96	100		
61	167.6	100.9	187.5
98	73.0	44.0	81.8





#20
 cis-1,2-Dichloroethene
 Concen: 259.500 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032957.D
 Acq: 21 Jun 2019 20:15

Instrument :
 MSVOA_U
 ClientSampled :
 ETF17

Tot Ion: 96 Resp: 369821

Ion	Ratio	Lower	Upper
96	100		
61	137.9	92.4	171.6
68	0.0	0.0	0.0

