

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031319\
 Data File : VU029984.D
 Acq On : 11 Mar 2019 22:38
 Operator : JC/SP
 Sample : K1734-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L2

Quant Time: Mar 12 07:42:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 07:07:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513639	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174724	51.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.86%
7) Chloroethane-d5	1.68	69	142267	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.74%
11) 1,1-Dichloroethene-d2	2.27	63	238749	38.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.86%
21) 2-Butanone-d5	4.17	46	256567	100.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.79%
24) Chloroform-d	4.65	84	299278	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
26) 1,2-Dichloroethane-d4	5.31	65	180929	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.78%
32) Benzene-d6	5.34	84	657682	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.10%
36) 1,2-Dichloropropane-d6	6.33	67	202335	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.64%
41) Toluene-d8	7.56	98	598565	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%
43) trans-1,3-Dichloropropene-	7.85	79	91163	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.26%
47) 2-Hexanone-d5	8.31	63	216907	101.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293489	49.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	239884	53.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.38%

Target Compounds

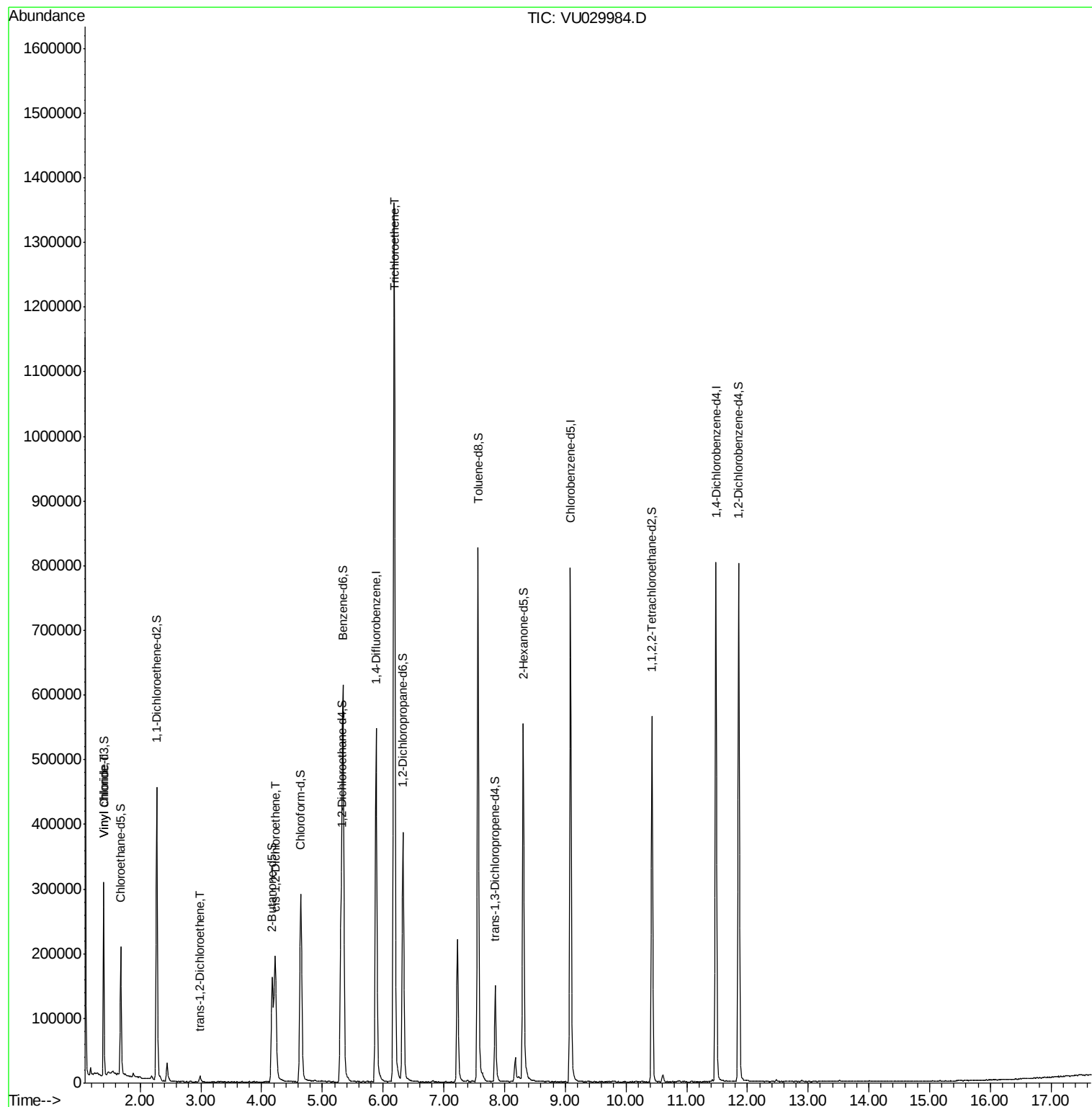
					Qvalue
5) Vinyl chloride	1.40	62	25743	6.559 ug/L	88
17) trans-1,2-Dichloroethene	2.99	96	3752	1.070 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	113762	28.503 ug/L	96
34) Trichloroethene	6.18	95	488896	134.079 ug/L	99

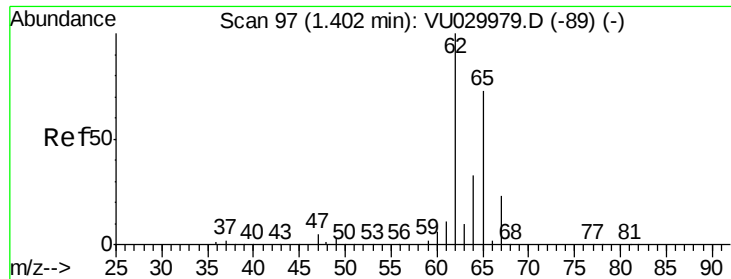
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.559 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

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Acq: 11 Mar 2019 22:38

Instrument :

MSVOA_U

ClientSampled :

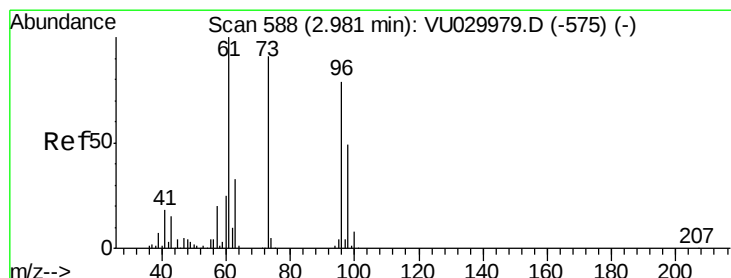
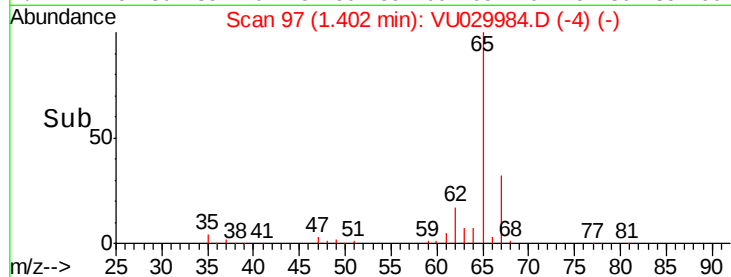
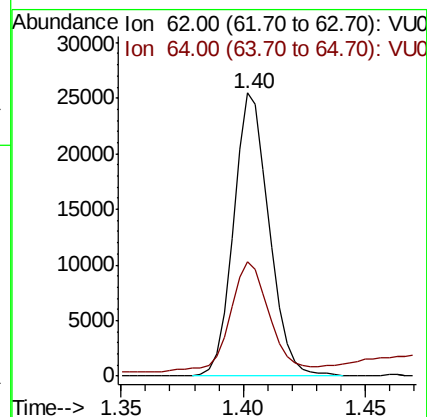
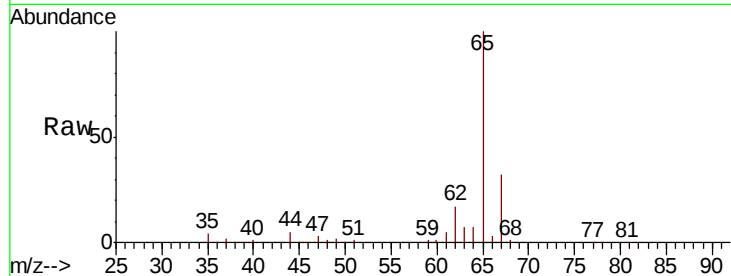
BF2L2

Tgt Ion: 62 Resp: 25743

Ion Ratio Lower Upper

62 100

64 40.6 23.6 43.8



#17

trans-1,2-Dichloroethene

Concen: 1.070 ug/L

RT: 2.99 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU029984.D

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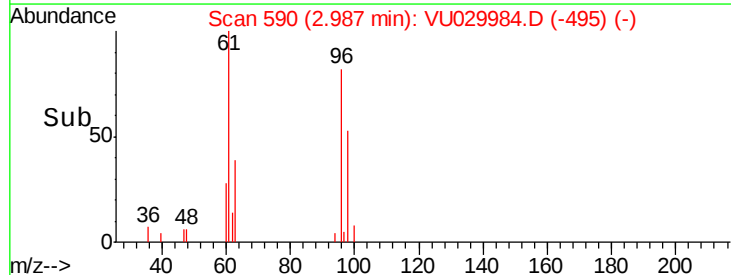
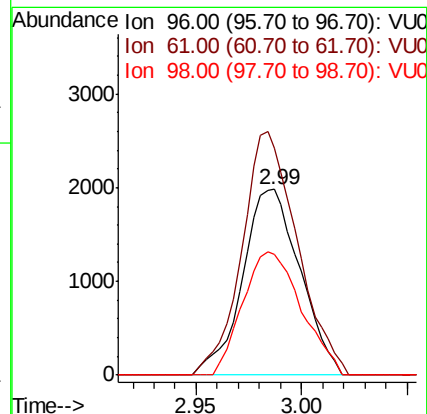
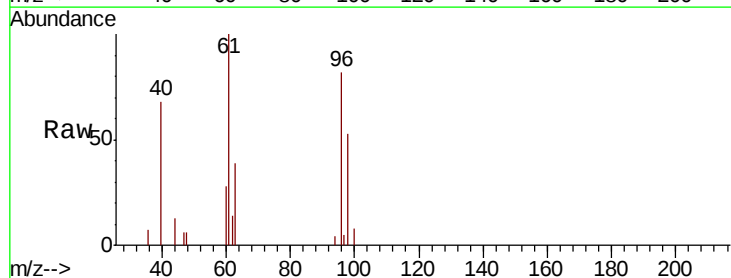
Tgt Ion: 96 Resp: 3752

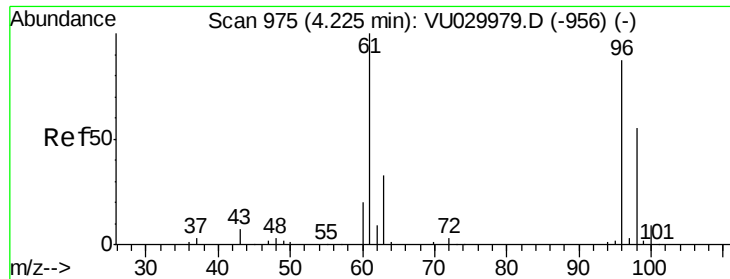
Ion Ratio Lower Upper

96 100

61 122.5 89.4 166.0

98 65.2 43.3 80.5

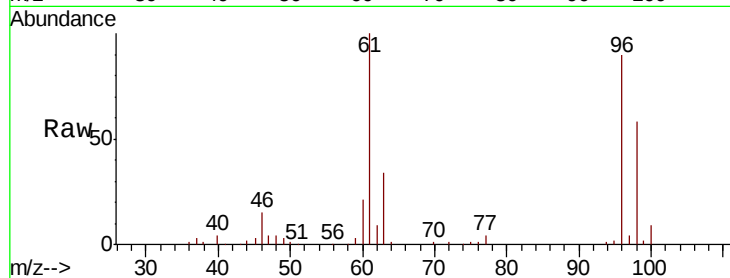




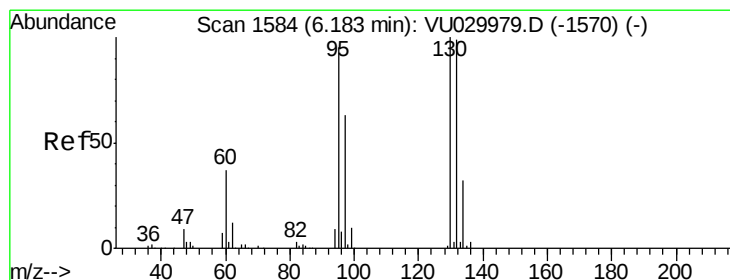
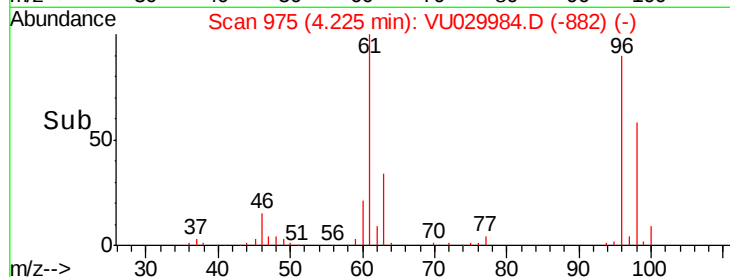
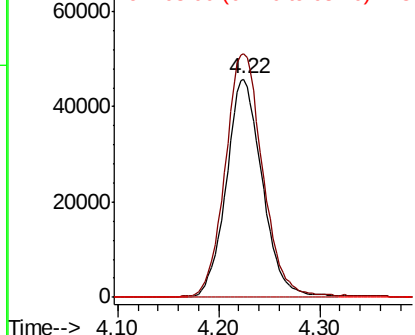
#20
 cis-1,2-Dichloroethene
 Concen: 28.503 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: VU029984.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L2

Tgt Ion: 96 Resp: 113762
 Ion Ratio Lower Upper
 96 100
 61 111.5 80.8 150.2
 68 0.0 0.0 0.0

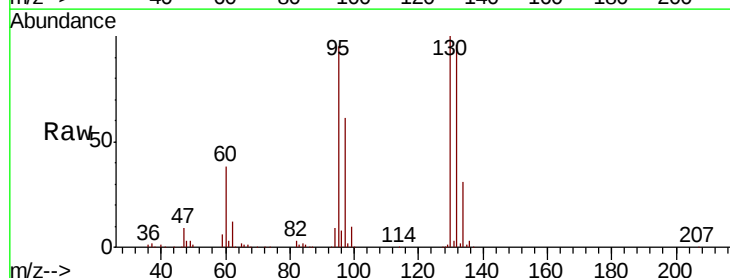


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#34
 Trichloroethene
 Concen: 134.079 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU029984.D
 Acq: 11 Mar 2019 22:38

Tgt Ion: 95 Resp: 488896
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.5 84.5
 132 100.5 71.5 132.7
 130 104.8 73.5 136.5



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

