

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\
 Data File : VU029608.D
 Acq On : 22 Feb 2019 10:20
 Operator : JC/SP
 Sample : K1531-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR8

Quant Time: Feb 22 22:30:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 22 22:13:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470133	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	454624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	156504	45.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.86%
7) Chloroethane-d5	1.68	69	137071	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.27	63	228112	33.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.76%
21) 2-Butanone-d5	4.17	46	212557	101.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.39%
24) Chloroform-d	4.64	84	266463	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
26) 1,2-Dichloroethane-d4	5.31	65	178653	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
32) Benzene-d6	5.34	84	591289	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
36) 1,2-Dichloropropane-d6	6.33	67	181940	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.72%
41) Toluene-d8	7.56	98	572165	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%
43) trans-1,3-Dichloropropene-	7.85	79	84407	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.48%
47) 2-Hexanone-d5	8.31	63	180826	94.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272709	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	238849	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%

Target Compounds

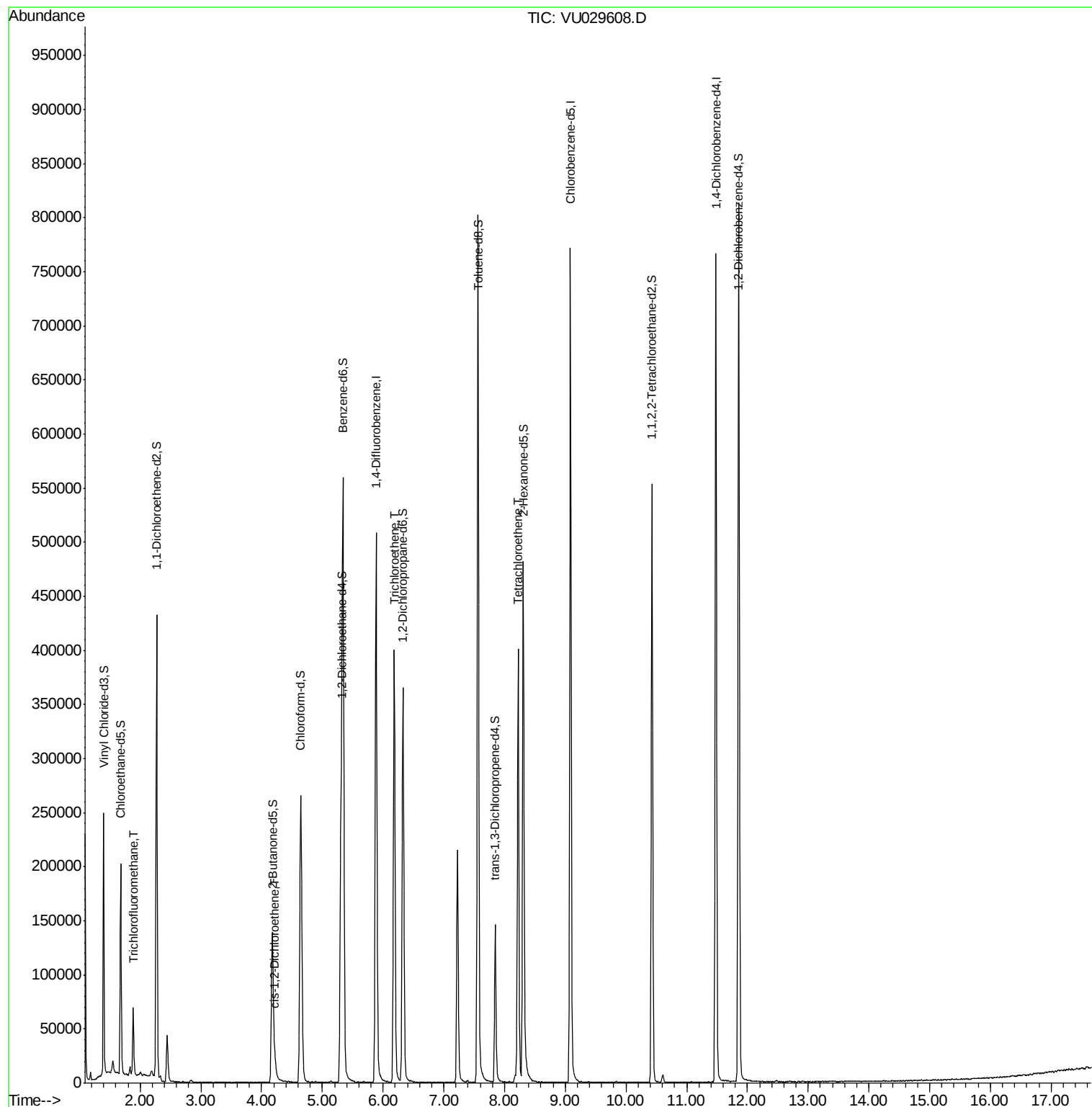
					Ovalue
9) Trichlorofluoromethane	1.88	101	35504	5.799	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	4170	1.249	ug/L 99
34) Trichloroethene	6.18	95	139392	44.393	ug/L 98
46) Tetrachloroethene	8.22	164	97327	31.668	ug/L 99

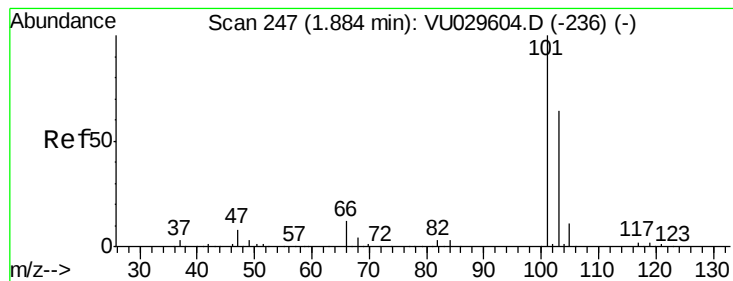
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 5.799 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

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ClientSampleId :

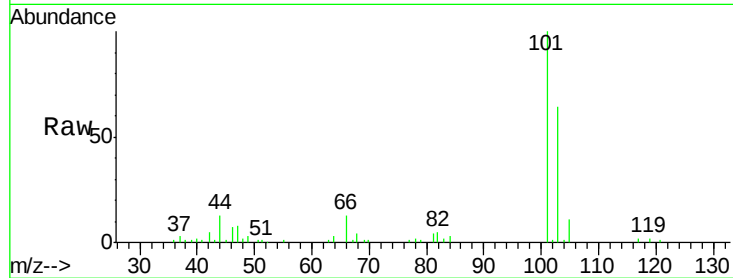
C0TR8

Tot Ion:101 Resp: 35504

Ion Ratio Lower Upper

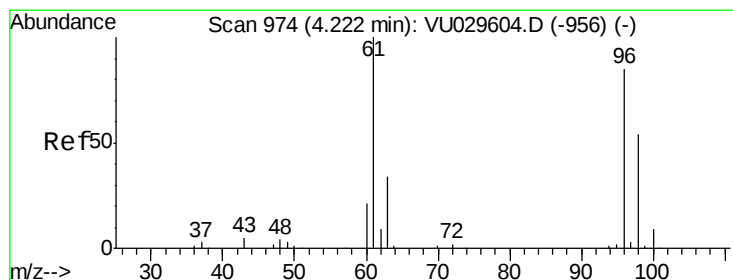
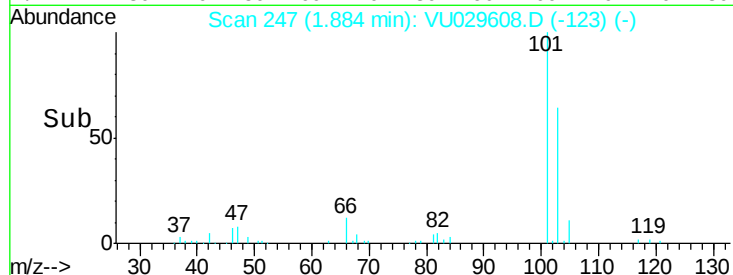
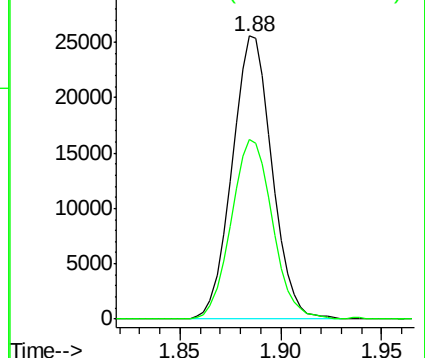
101 100

103 65.4 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#20

cis-1,2-Dichloroethene

Concen: 1.249 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU029608.D

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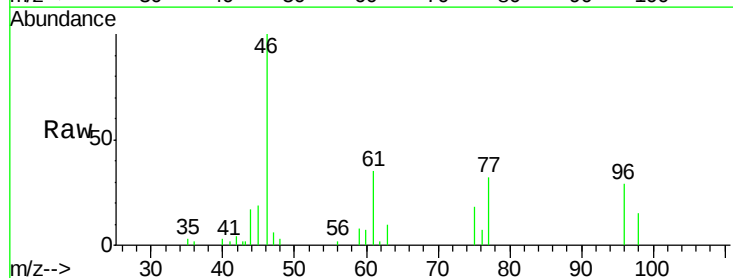
Tgt Ion: 96 Resp: 4170

Ion Ratio Lower Upper

96 100

61 120.6 83.9 155.7

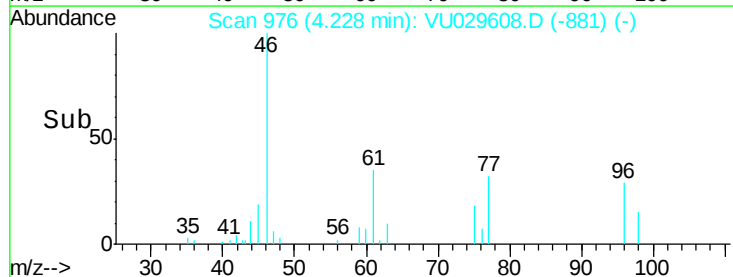
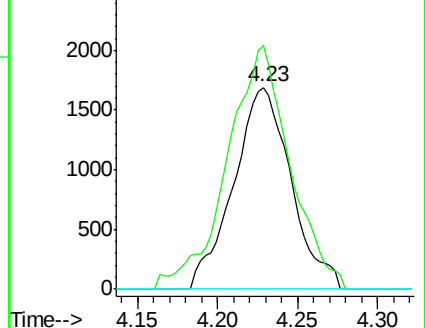
68 0.0 0.0 0.0

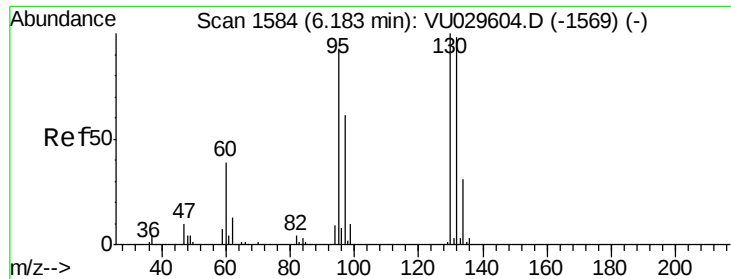


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

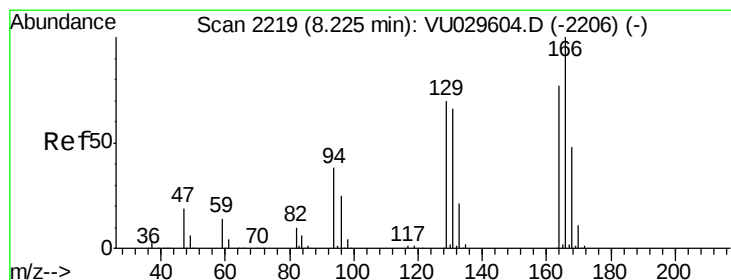
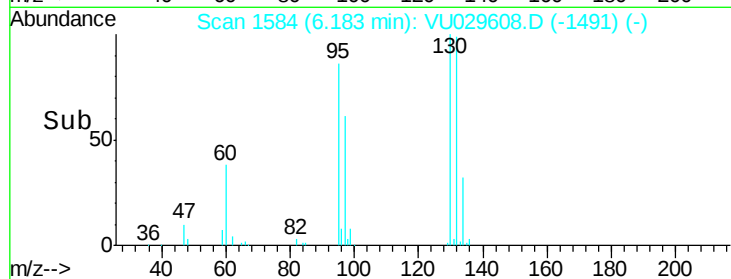
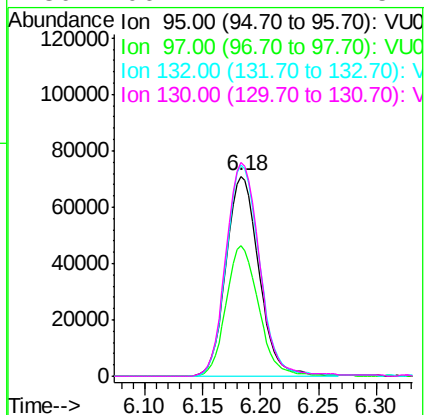
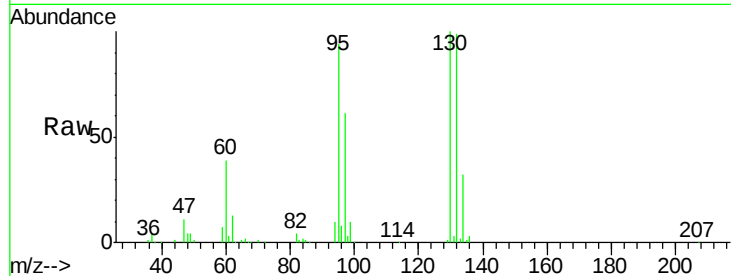




#34
 Trichloroethene
 Concen: 44.393 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
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Tot Ion:	95	Resp:	139392
Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.6	82.8
132	105.5	74.6	138.6
130	106.7	77.2	143.4



#46
 Tetrachloroethene
 Concen: 31.668 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU029608.D
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Tgt Ion:	164	Resp:	97327
Ion	Ratio	Lower	Upper
164	100		
129	87.8	62.1	115.3
131	86.6	60.1	111.5
166	128.5	89.7	166.5

