

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031236.D
 Acq On : 17 Apr 2019 02:29
 Operator : JC/SP
 Sample : K2428-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF0

Quant Time: Apr 17 05:53:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489425	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	487801	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	197729	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	175617	38.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.92%
7) Chloroethane-d5	1.68	69	166419	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.06%
11) 1,1-Dichloroethene-d2	2.27	63	281975	31.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.16%
21) 2-Butanone-d5	4.18	46	302572	92.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.17%
24) Chloroform-d	4.64	84	318900	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.31	65	207435	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
32) Benzene-d6	5.34	84	634239	41.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.26%
36) 1,2-Dichloropropane-d6	6.32	67	212743	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.02%
41) Toluene-d8	7.56	98	625090	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%
43) trans-1,3-Dichloropropene-	7.85	79	101101	42.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.52%
47) 2-Hexanone-d5	8.31	63	206415	87.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299750	43.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	200921	44.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.62%

Target Compounds

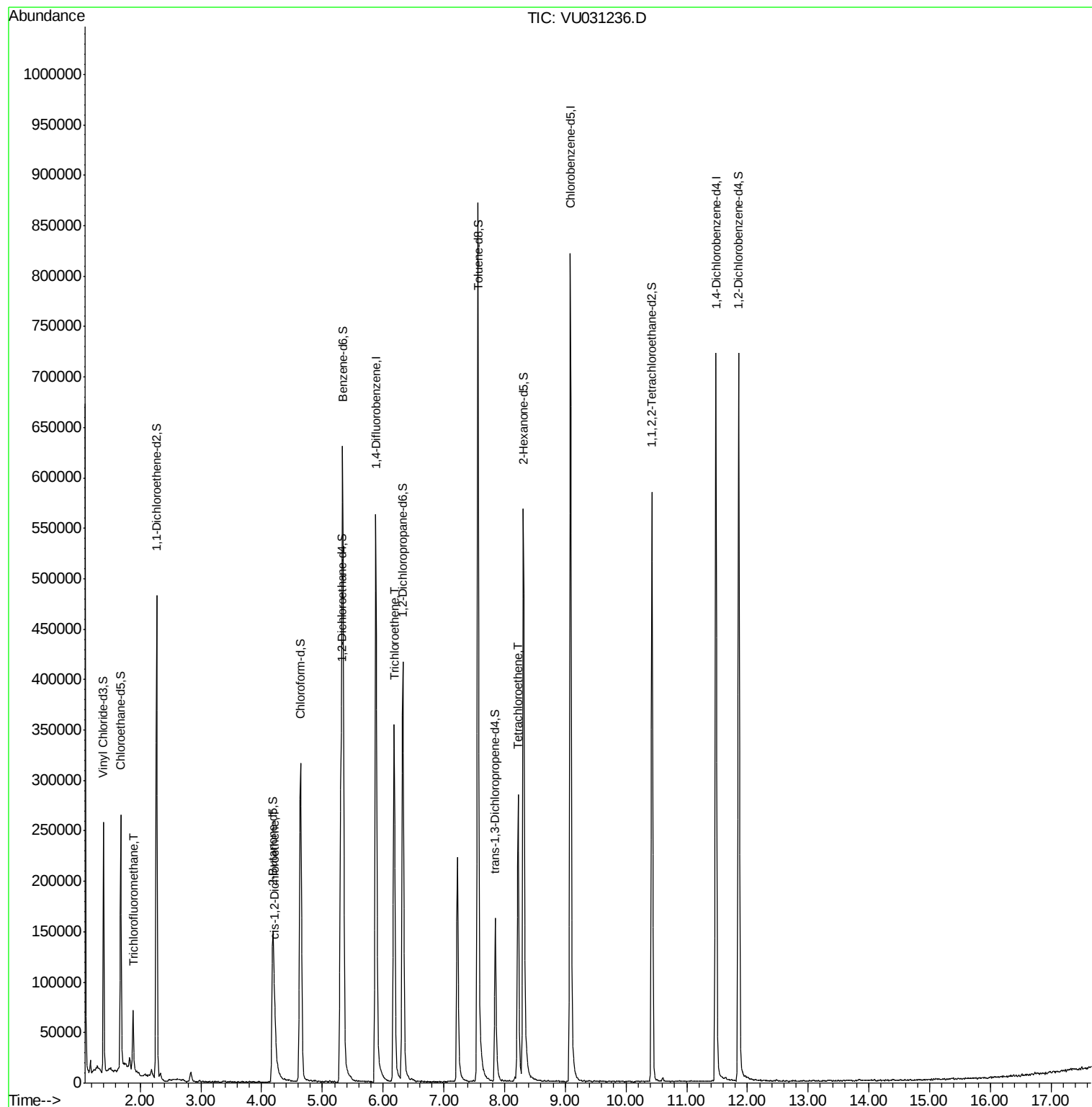
					Ovalue
9) Trichlorofluoromethane	1.88	101	32378	4.343 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	4820	1.188 ug/L	88
34) Trichloroethene	6.18	95	132059	32.169 ug/L	96
46) Tetrachloroethene	8.22	164	67031	21.709 ug/L	94

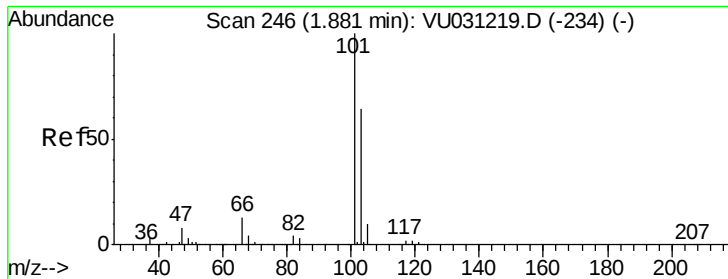
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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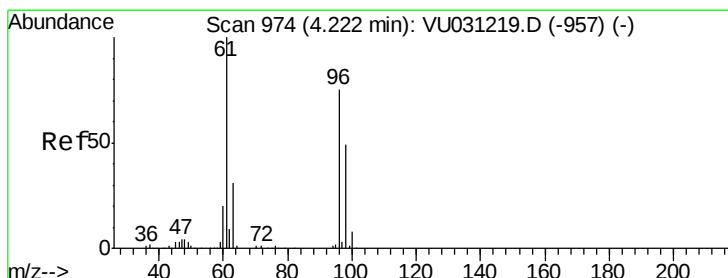
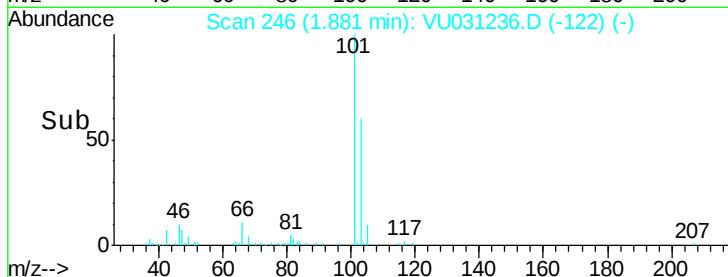
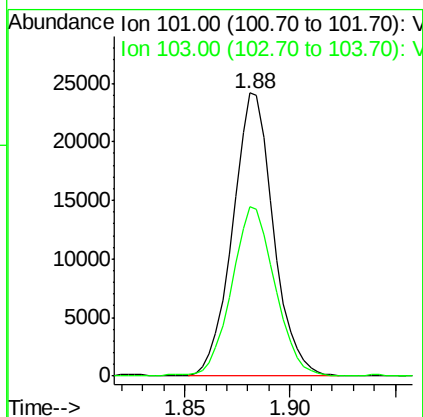
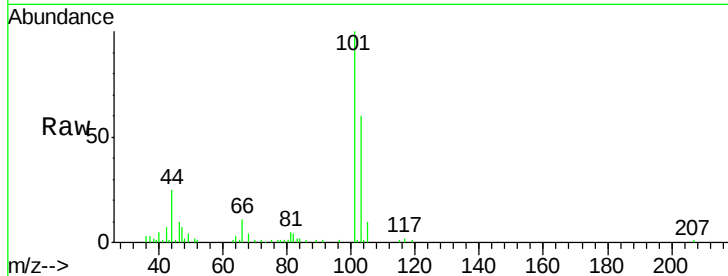


#9

Trichlorofluoromethane
 Concen: 4.343 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031236.D
 Acq: 17 Apr 2019 02:29

Instrument :
 MSVOA_U
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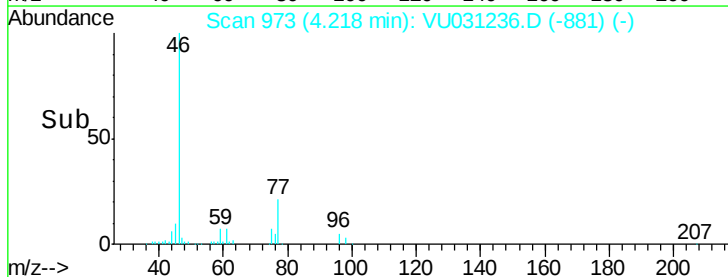
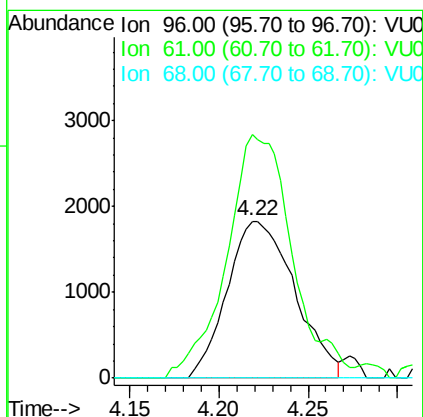
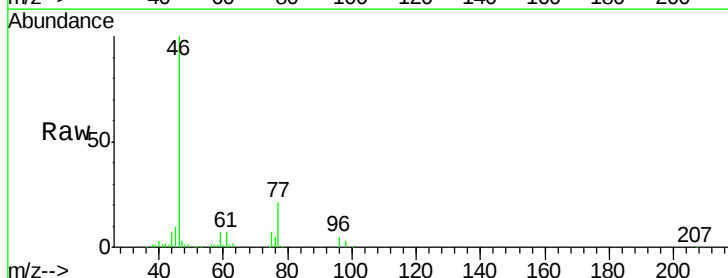
Tot Ion:101 Resp: 32378
 Ion Ratio Lower Upper
 101 100
 103 63.3 53.0 79.6

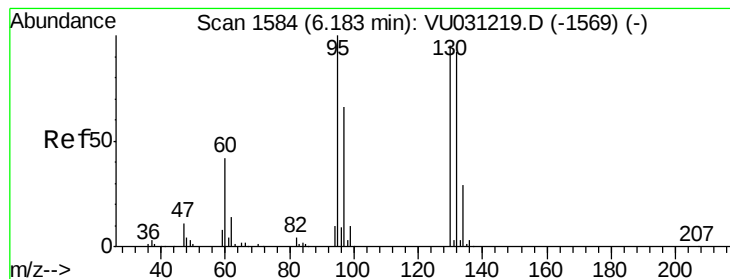


#20

cis-1,2-Dichloroethene
 Concen: 1.188 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031236.D
 Acq: 17 Apr 2019 02:29

Tgt Ion: 96 Resp: 4820
 Ion Ratio Lower Upper
 96 100
 61 155.3 98.2 182.4
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 32.169 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031236.D

Acq: 17 Apr 2019 02:29

Instrument :

MSVOA_U

ClientSampleId :

C0XF0

Tot Ion: 95 Resp: 132059

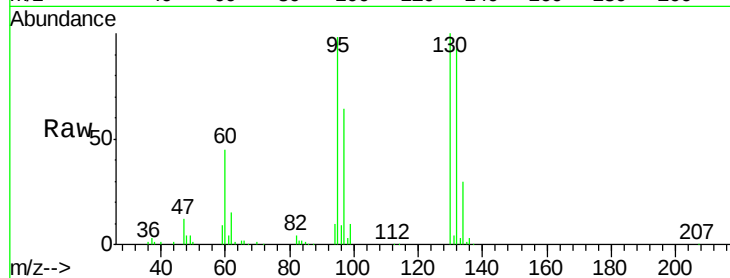
Ion Ratio Lower Upper

95 100

97 65.8 43.6 81.0

132 95.0 64.5 119.7

130 102.4 68.0 126.2

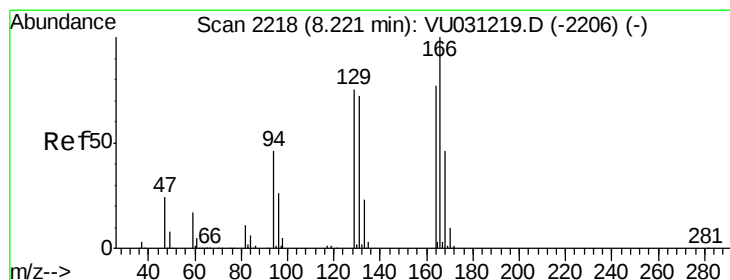
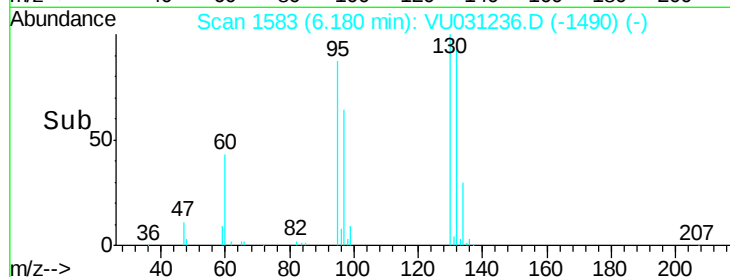
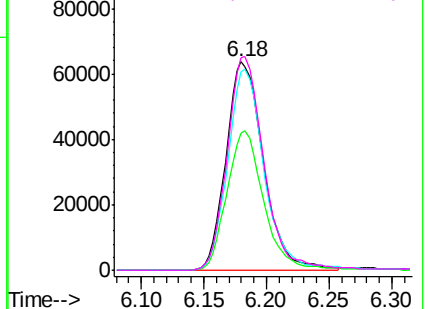


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 21.709 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031236.D

Acq: 17 Apr 2019 02:29

Tgt Ion:164 Resp: 67031

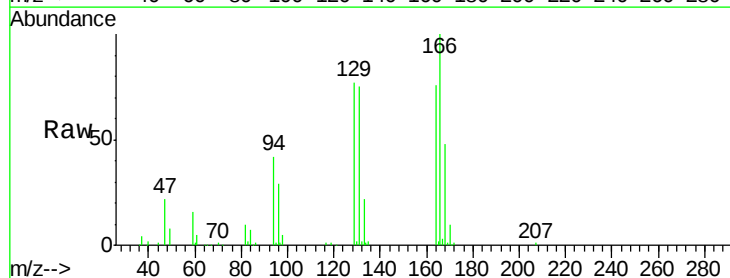
Ion Ratio Lower Upper

164 100

129 101.1 66.5 123.5

131 99.3 62.3 115.7

166 131.7 90.6 168.3



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

