

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031239.D
 Acq On : 17 Apr 2019 03:39
 Operator : JC/SP
 Sample : K2428-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF8

Quant Time: Apr 17 06:04:10 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	497296	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433087	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174709	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	185753	40.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.12%
7) Chloroethane-d5	1.68	69	167549	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.28%
11) 1,1-Dichloroethene-d2	2.27	63	283936	31.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.60%
21) 2-Butanone-d5	4.19	46	310440	93.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.07%
24) Chloroform-d	4.64	84	298017	39.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.31	65	226596	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.34	84	693074	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
36) 1,2-Dichloropropane-d6	6.32	67	222325	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.56	98	528015	43.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.66%
43) trans-1,3-Dichloropropene-	7.85	79	83873	39.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.98%
47) 2-Hexanone-d5	8.31	63	199106	94.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307503	49.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	195110	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%

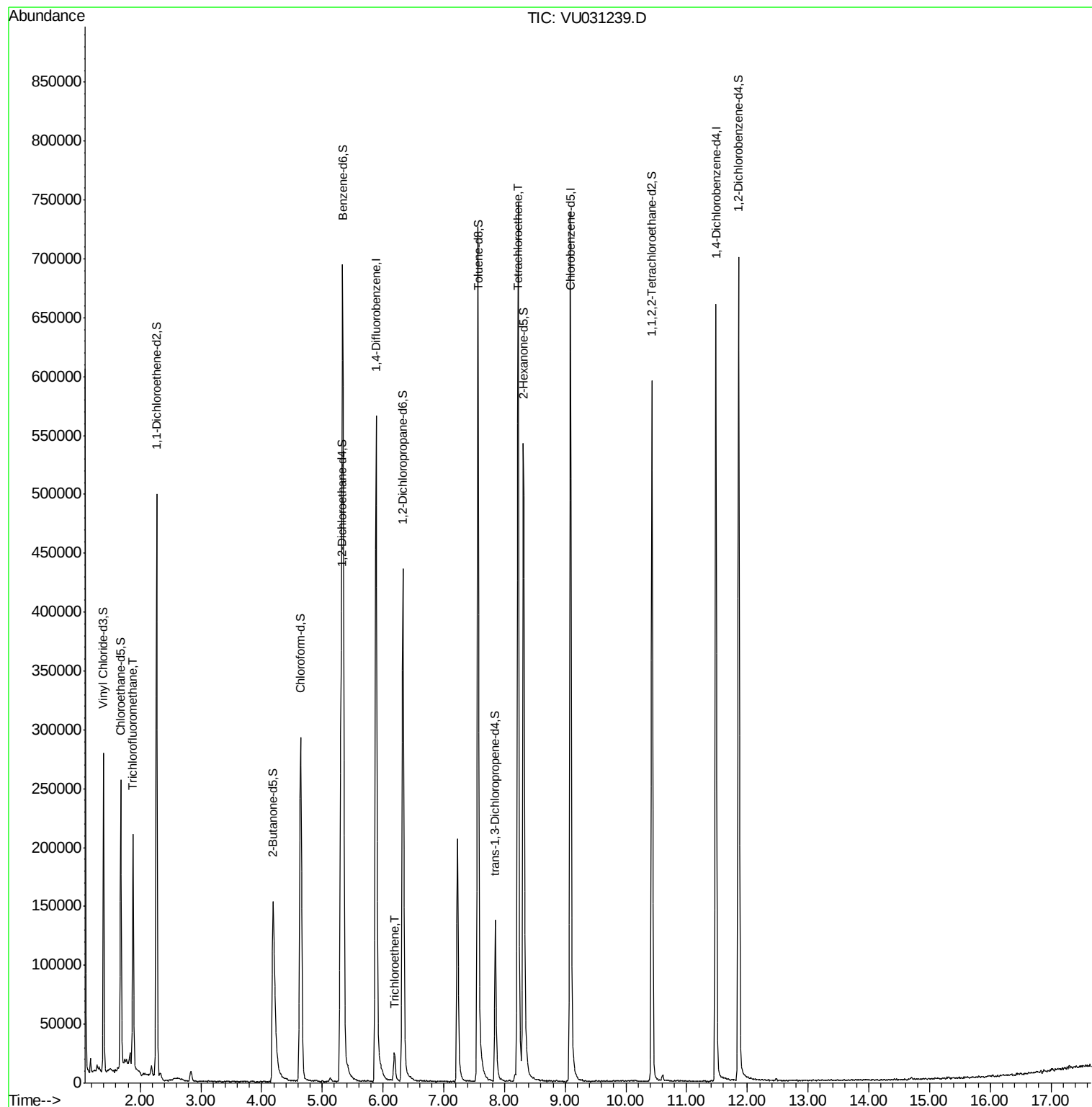
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	119781	15.811 ug/L	98
34) Trichloroethene	6.19	95	8823	2.421 ug/L	94
46) Tetrachloroethene	8.22	164	176339	64.326 ug/L	98

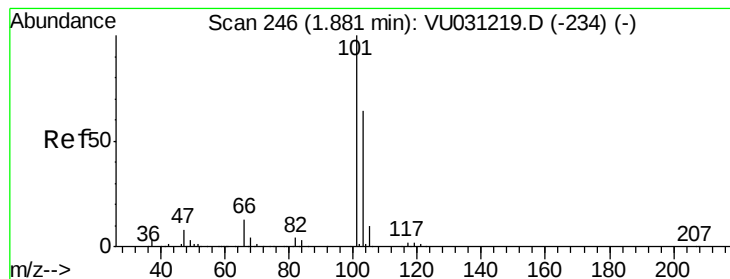
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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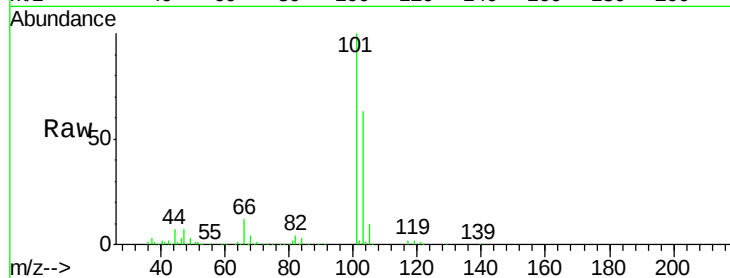


#9

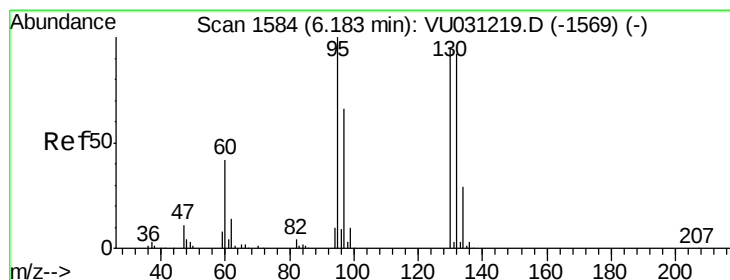
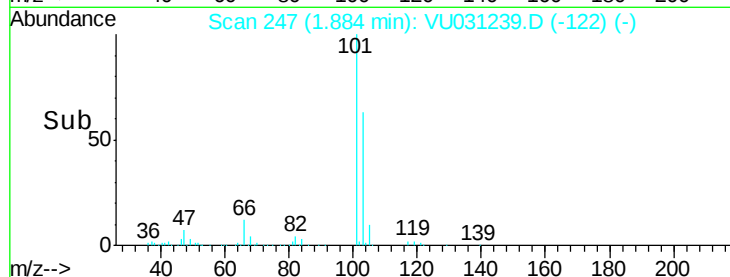
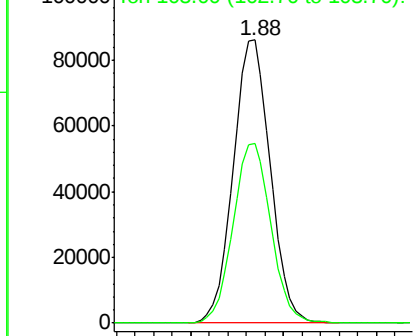
Trichlorofluoromethane
Concen: 15.811 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031239.D
Acq: 17 Apr 2019 03:39

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion:101 Resp: 119781
Ion Ratio Lower Upper
101 100
103 64.7 53.0 79.6



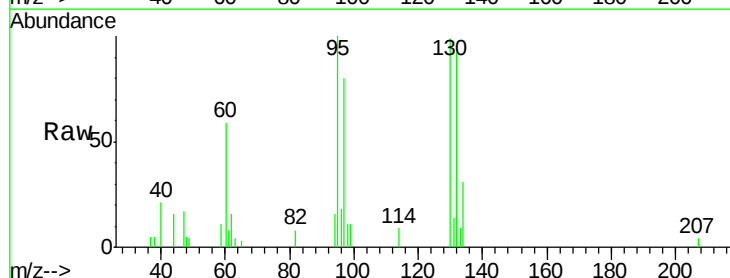
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



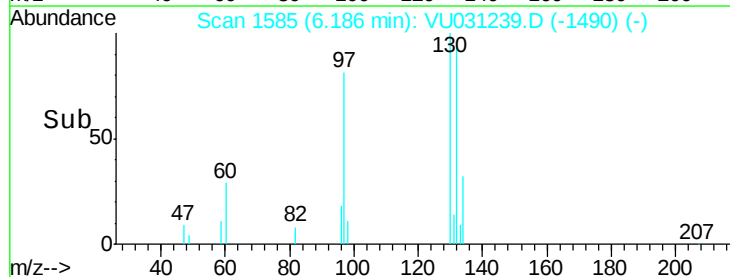
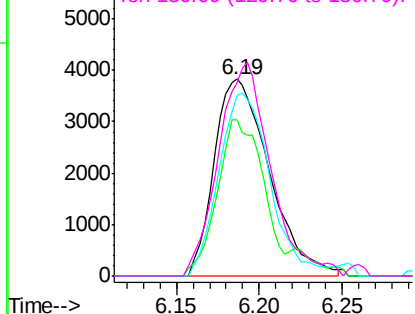
#34

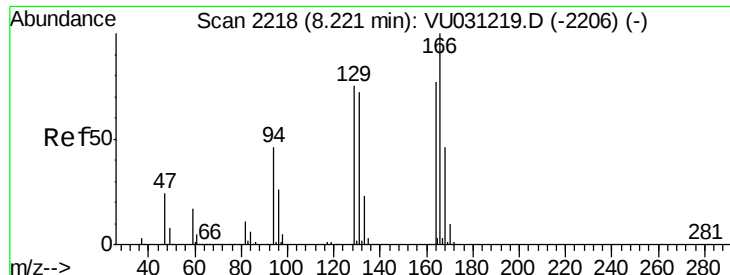
Trichloroethene
Concen: 2.421 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031239.D
Acq: 17 Apr 2019 03:39

Tgt Ion: 95 Resp: 8823
Ion Ratio Lower Upper
95 100
97 79.8 43.6 81.0
132 91.6 64.5 119.7
130 98.7 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: 64.326 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031239.D

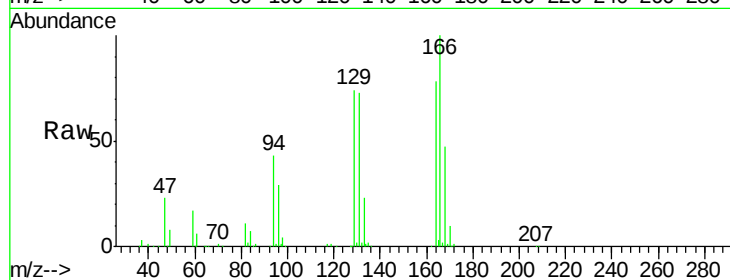
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ClientSampleId :

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Tot Ion:164 Resp: 176339

Ion Ratio Lower Upper

164 100

129 94.9 66.5 123.5

131 93.8 62.3 115.7

166 128.3 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

