

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031237.D
 Acq On : 17 Apr 2019 02:52
 Operator : JC/SP
 Sample : K2428-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF6

Quant Time: Apr 17 06:00:18 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	509487	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472845	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	179370	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.46%
7) Chloroethane-d5	1.68	69	167517	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.24%
11) 1,1-Dichloroethene-d2	2.27	63	287450	30.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.84%
21) 2-Butanone-d5	4.19	46	313706	91.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.80%
24) Chloroform-d	4.64	84	322554	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	212284	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
32) Benzene-d6	5.34	84	663422	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
36) 1,2-Dichloropropane-d6	6.33	67	222306	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.64%
41) Toluene-d8	7.56	98	563057	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	7.85	79	90534	39.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.08%
47) 2-Hexanone-d5	8.31	63	233253	101.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299417	44.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	198169	46.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.02%

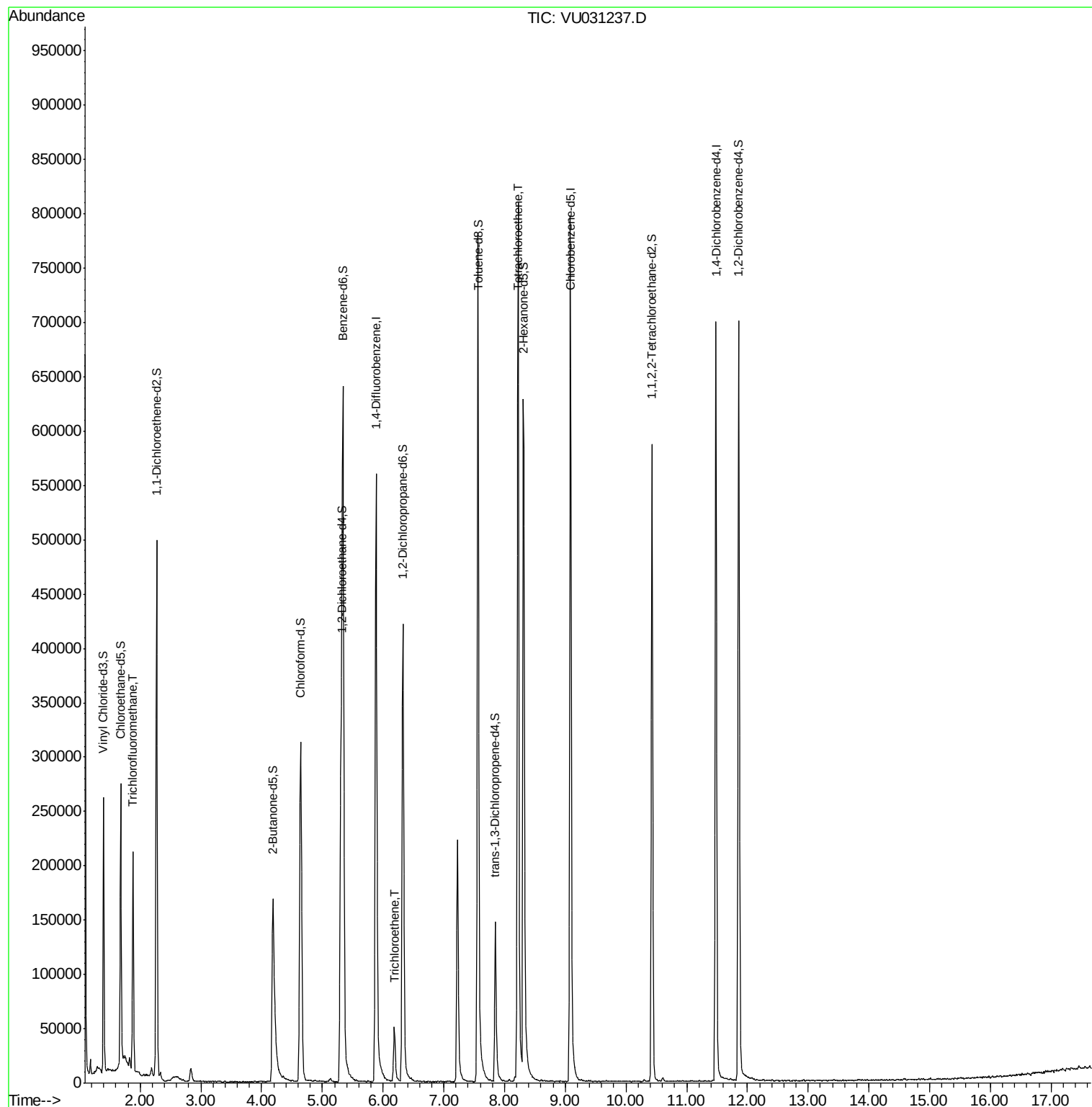
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	121360	15.636 ug/L	97
34) Trichloroethene	6.19	95	18082	4.544 ug/L	97
46) Tetrachloroethene	8.22	164	190874	63.774 ug/L	97

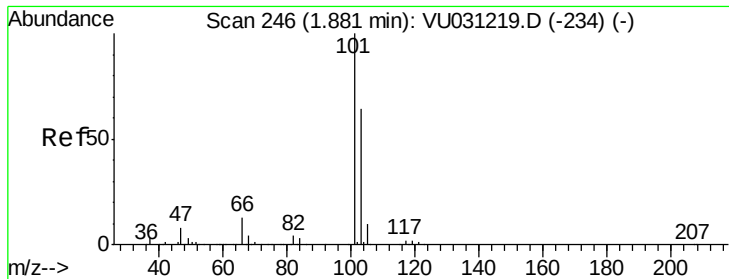
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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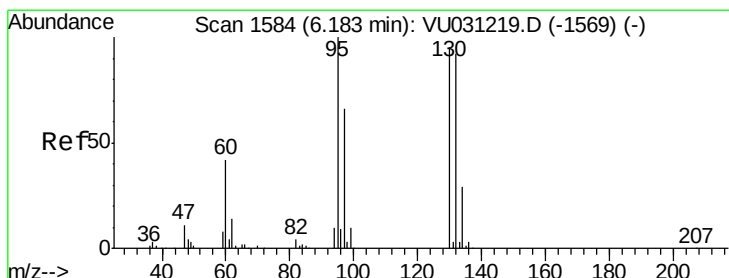
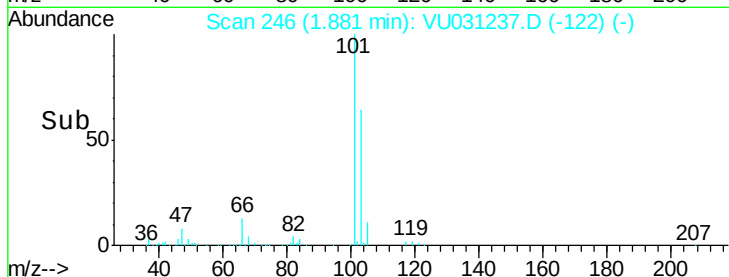
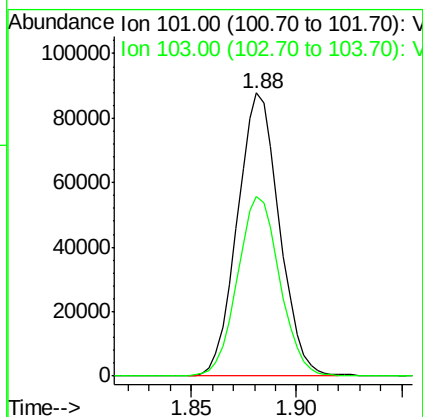
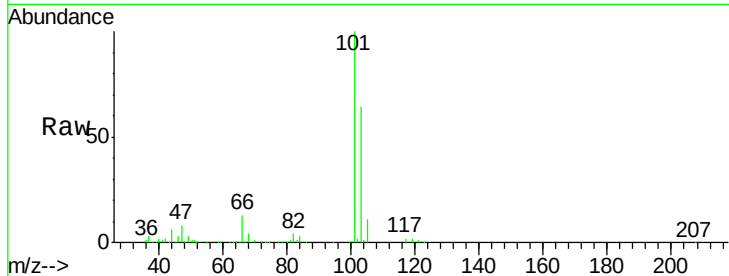


#9

Trichlorofluoromethane
Concen: 15.636 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031237.D
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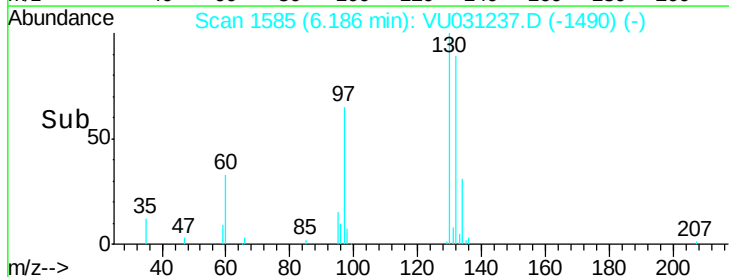
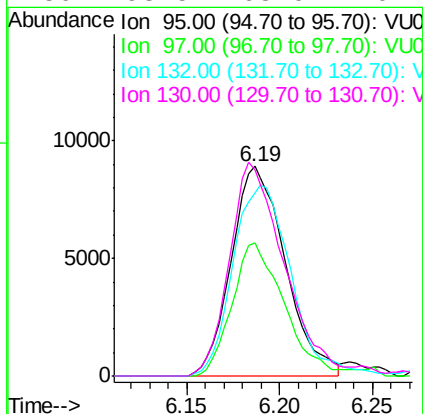
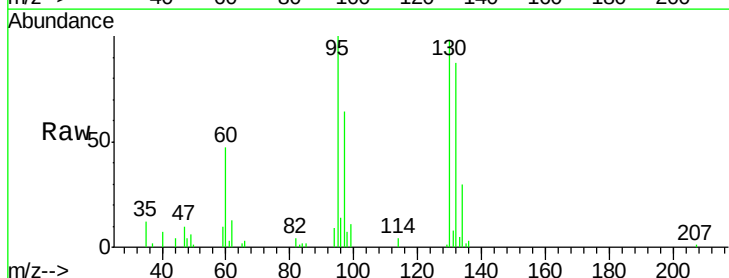
Tot Ion:101 Resp: 121360
Ion Ratio Lower Upper
101 100
103 64.0 53.0 79.6

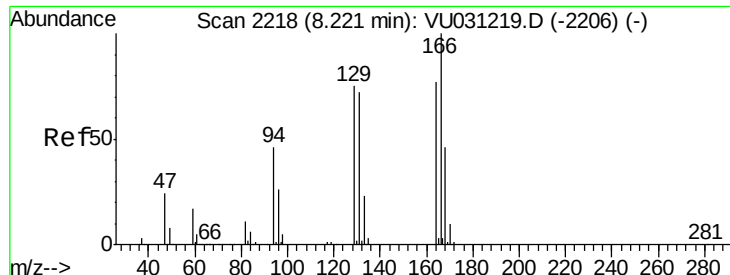


#34

Trichloroethene
Concen: 4.544 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031237.D
Acq: 17 Apr 2019 02:52

Tgt Ion: 95 Resp: 18082
Ion Ratio Lower Upper
95 100
97 63.8 43.6 81.0
132 87.2 64.5 119.7
130 98.5 68.0 126.2





#46

Tetrachloroethene

Concen: 63.774 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031237.D

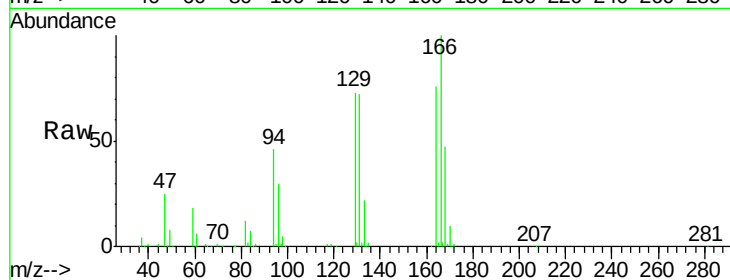
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Tot Ion:164 Resp: 190874

Ion Ratio Lower Upper

164 100

129 96.5 66.5 123.5

131 95.2 62.3 115.7

166 132.2 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

