

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031540.D
 Acq On : 26 Apr 2019 18:26
 Operator : JC/SP
 Sample : K2590-11 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB0

Quant Time: Apr 27 03:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:11:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	909818	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	836792	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	337145	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	391203	51.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.76%
7) Chloroethane-d5	1.68	69	301402	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.44%
11) 1,1-Dichloroethene-d2	2.27	63	572622	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.52%
21) 2-Butanone-d5	4.19	46	695389	100.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.79%
24) Chloroform-d	4.64	84	630671	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.31	65	416146	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
32) Benzene-d6	5.34	84	1345909	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
36) 1,2-Dichloropropane-d6	6.33	67	461604	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.56	98	1164158	52.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.04%
43) trans-1,3-Dichloropropene-	7.85	79	193790	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.31	63	456099	116.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	579066	47.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	373751	52.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.42%

Target Compounds

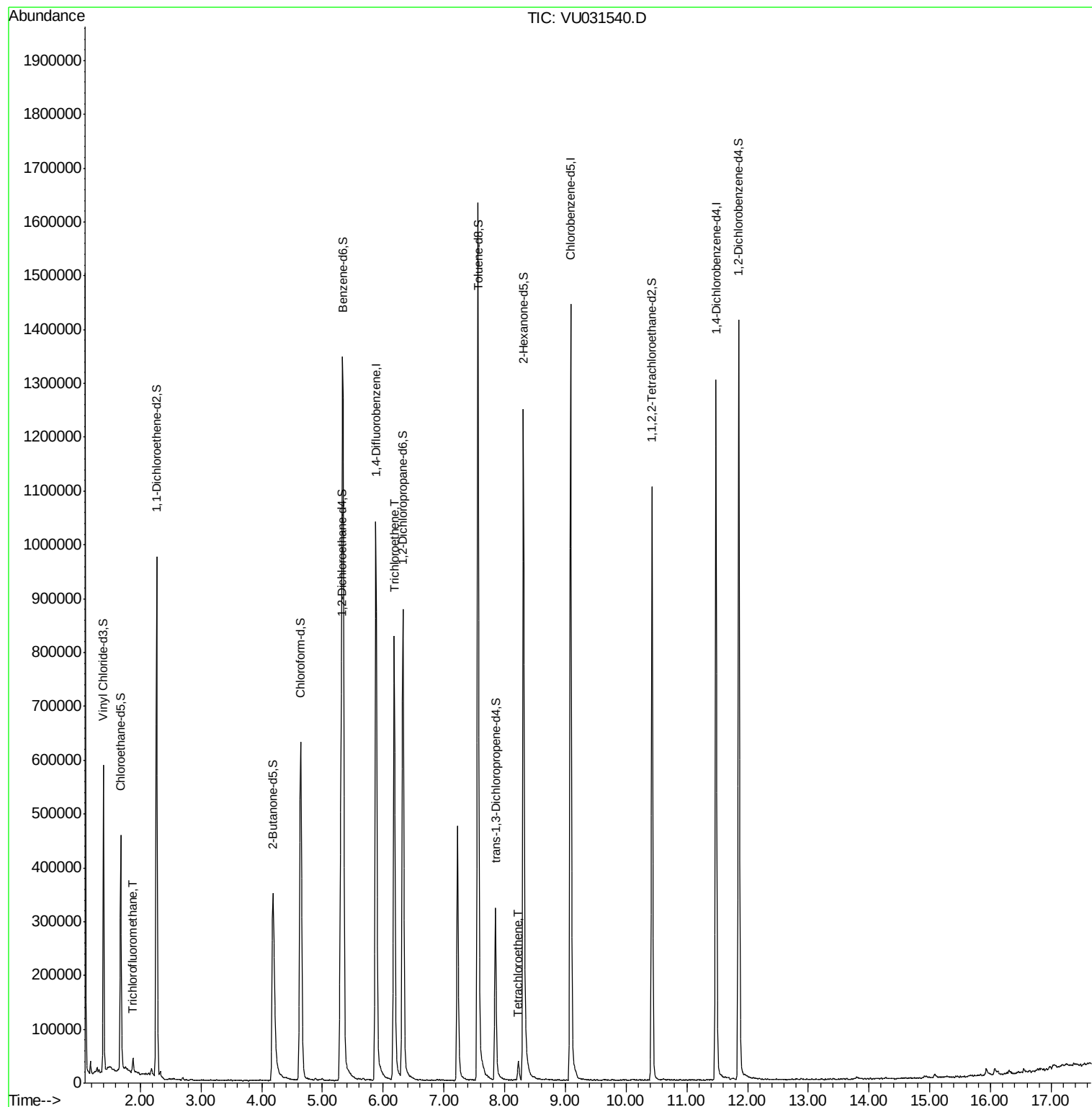
					Ovalue
9) Trichlorofluoromethane	1.88	101	8963	0.695 ug/L	98
34) Trichloroethene	6.18	95	309653	41.522 ug/L	98
46) Tetrachloroethene	8.23	164	8399	1.652 ug/L	81

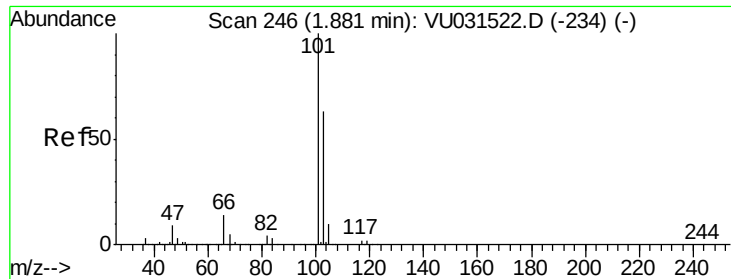
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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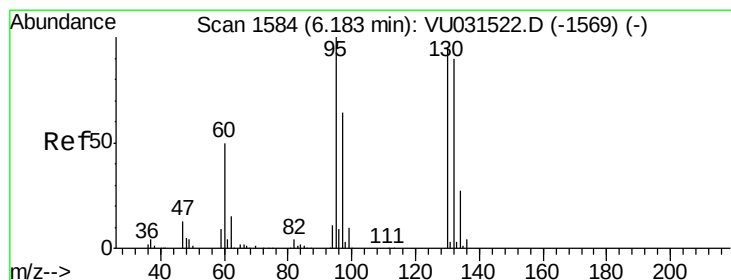
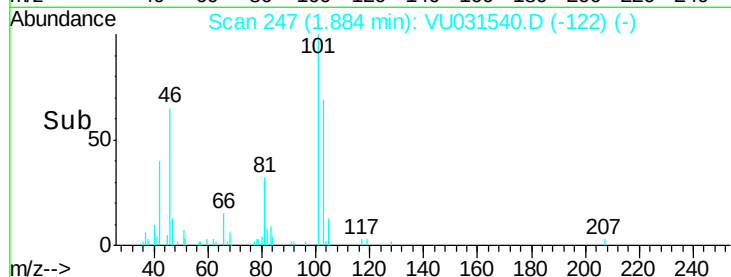
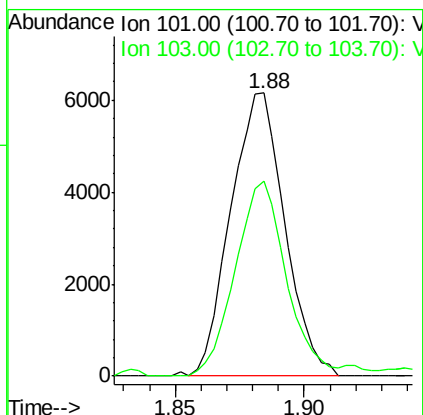
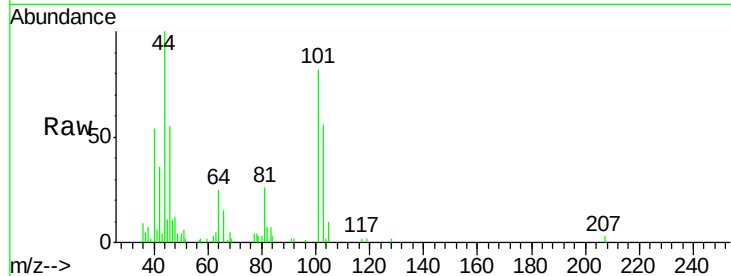


#9

Trichlorofluoromethane
Concen: 0.695 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031540.D
Acq: 26 Apr 2019 18:26

Instrument :
MSVOA_U
ClientSampleId :
C0XB0

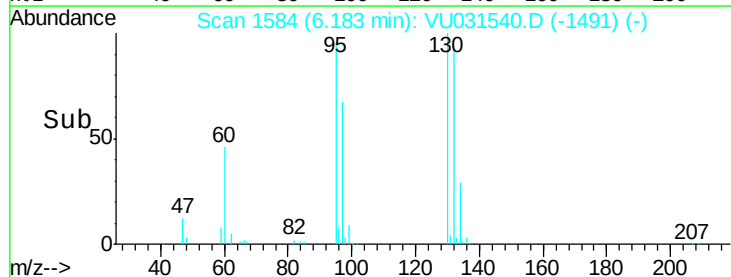
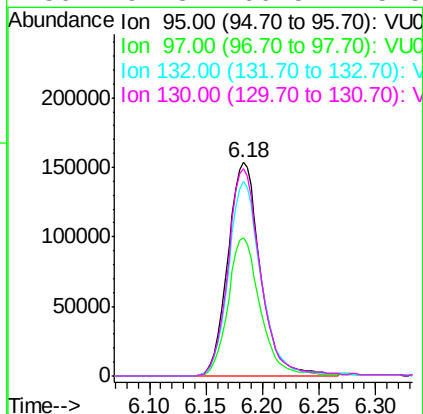
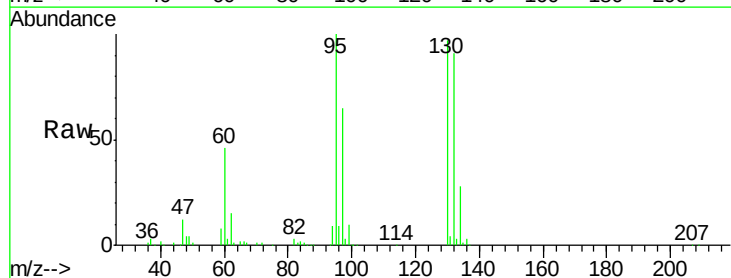
Tot Ion:101 Resp: 8963
Ion Ratio Lower Upper
101 100
103 65.3 50.8 76.2

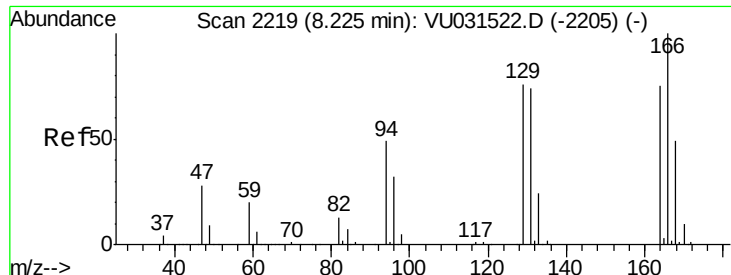


#34

Trichloroethene
Concen: 41.522 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031540.D
Acq: 26 Apr 2019 18:26

Tgt Ion: 95 Resp: 309653
Ion Ratio Lower Upper
95 100
97 65.0 44.8 83.2
132 91.0 63.1 117.1
130 97.3 66.5 123.5





#46
 Tetrachloroethene
 Concen: 1.652 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU031540.D
 Acq: 26 Apr 2019 18:26

Instrument :
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Tot Ion:	164	Resp:	8399
Ion	Ratio	Lower	Upper
164	100		
129	80.2	71.5	132.9
131	80.4	69.0	128.2
166	112.1	93.7	173.9

