

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031776.D
 Acq On : 06 May 2019 13:36
 Operator : JC/SP
 Sample : K2695-01 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X00

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 10:41:33 AM

Quant Time: May 07 09:29:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	722902	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	681204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	246759	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	301274	49.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.60%
7) Chloroethane-d5	1.68	69	238026	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.82%
11) 1,1-Dichloroethene-d2	2.27	63	458629m	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
21) 2-Butanone-d5	4.18	46	675148	123.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.16%
24) Chloroform-d	4.64	84	560960	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
26) 1,2-Dichloroethane-d4	5.31	65	407605	56.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.62%
32) Benzene-d6	5.34	84	1078777	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
36) 1,2-Dichloropropane-d6	6.32	67	402051	54.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.26%
41) Toluene-d8	7.56	98	854903	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.85	79	152595	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.60%
47) 2-Hexanone-d5	8.31	63	364780	114.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	511305	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	265508	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	30359	2.962 ug/L	97
34) Trichloroethene	6.18	95	1000331	164.771 ug/L	95
46) Tetrachloroethene	8.22	164	42516	10.272 ug/L	96

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

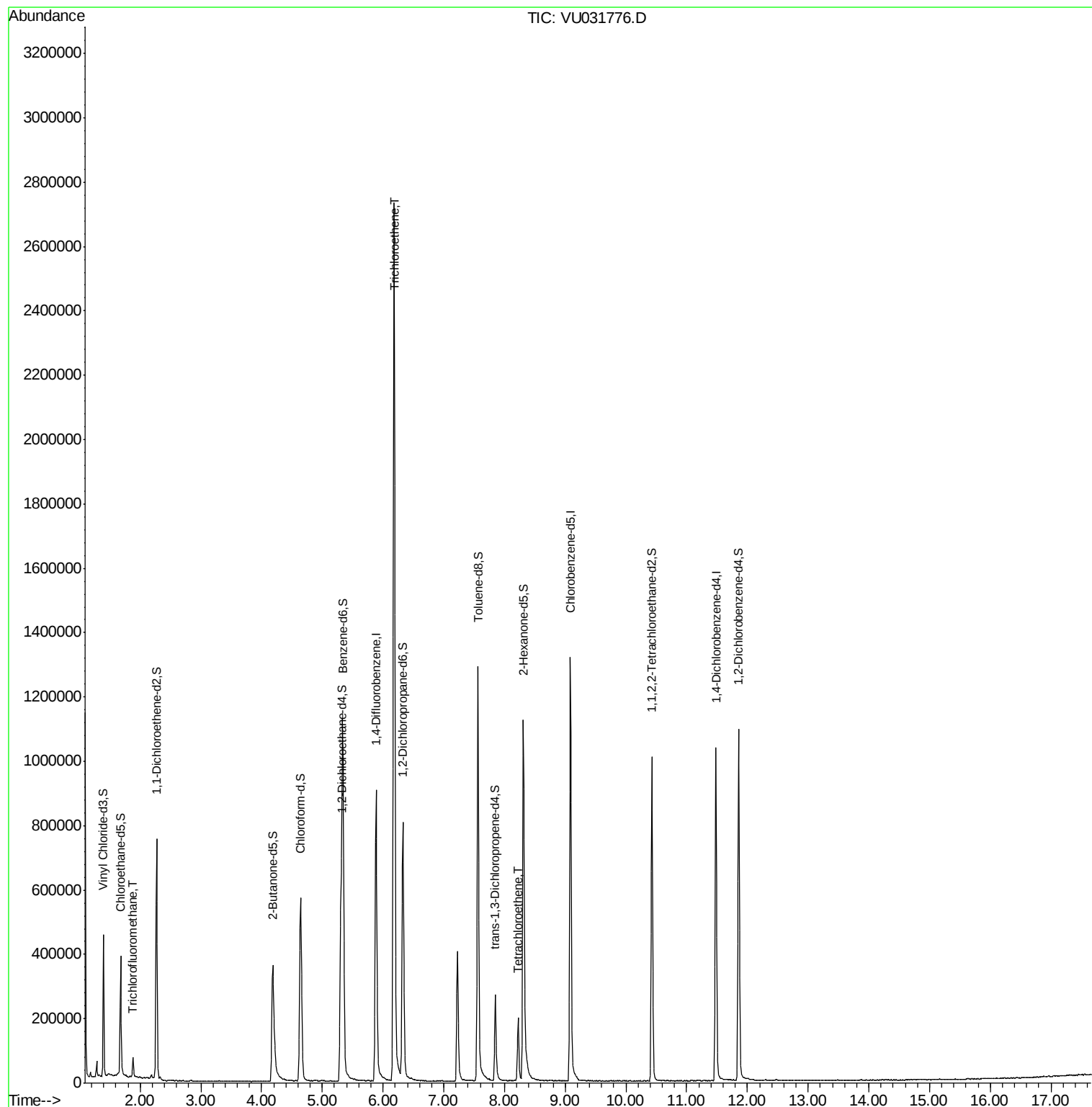
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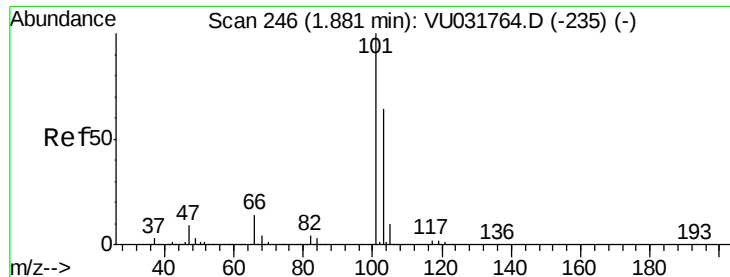
Instrument :
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#9

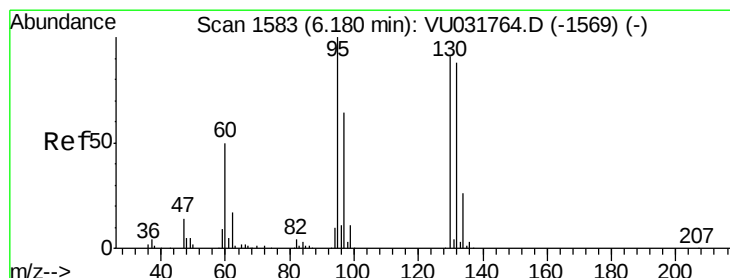
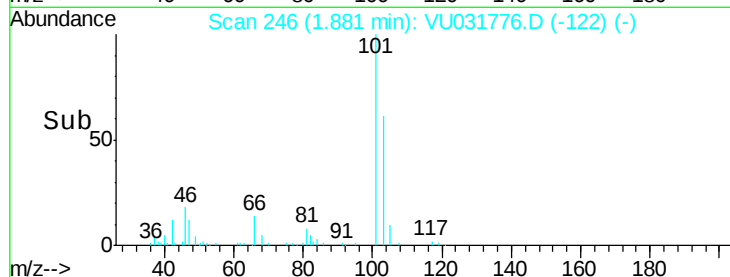
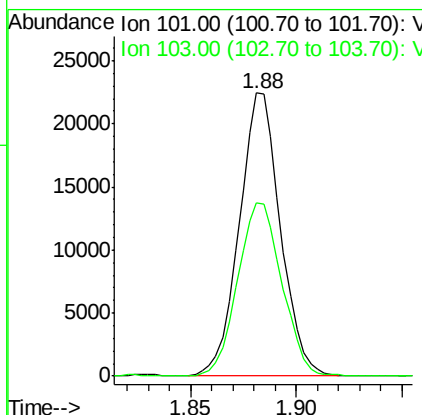
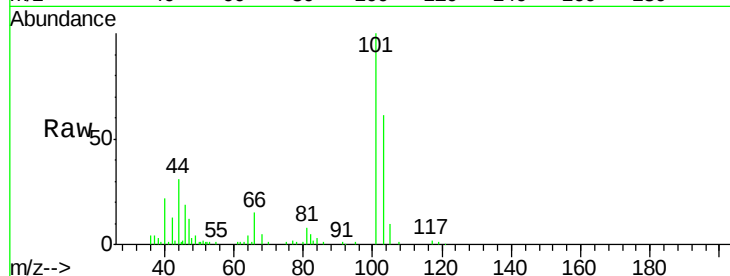
Trichlorofluoromethane
Concen: 2.962 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031776.D
Acq: 06 May 2019 13:36

Instrument :
MSVOA_U
ClientSampleId :
C0X00

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.8	76.2

Manual Integrations
APPROVED

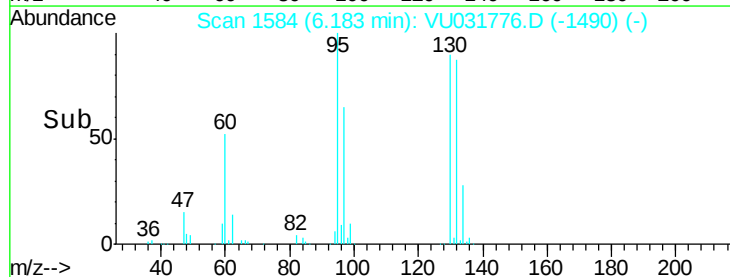
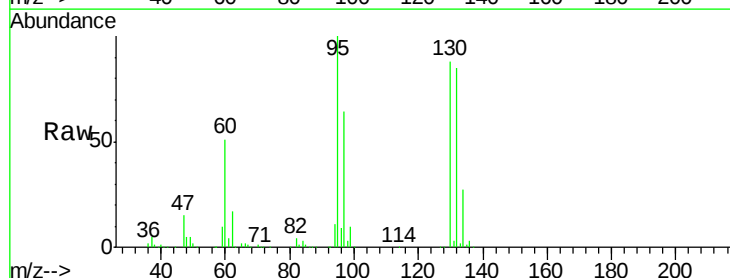
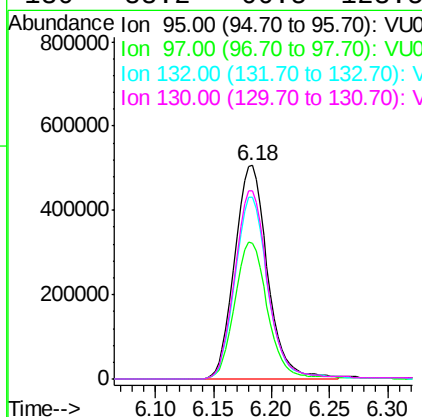
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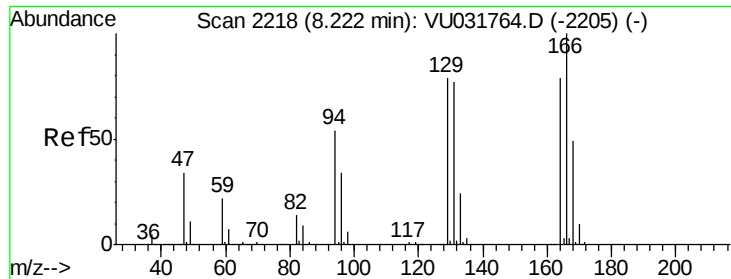


#34

Trichloroethene
Concen: 164.771 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031776.D
Acq: 06 May 2019 13:36

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.8	83.2
132	85.3	63.1	117.1
130	88.2	66.5	123.5





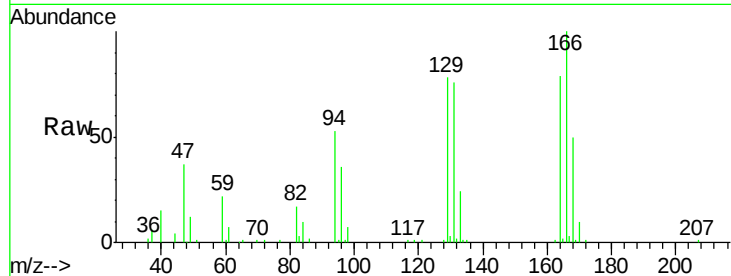
#46
Tetrachloroethene
Concen: 10.272 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031776.D
Acq: 06 May 2019 13:36

Instrument :
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C0X00

Tot Ion:	164	Resp:	42516
Ion Ratio	Lower	Upper	
164	100		
129	99.3	71.5	132.9
131	95.7	69.0	128.2
166	126.8	93.7	173.9

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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

