

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031777.D
 Acq On : 06 May 2019 13:59
 Operator : JC/SP
 Sample : K2695-04 25X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X89

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 10:41:38 AM

Quant Time: May 07 09:32:52 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	733691	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	693727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251091	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	301261	49.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.12%
7) Chloroethane-d5	1.68	69	240810	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.50%
11) 1,1-Dichloroethene-d2	2.27	63	460372	37.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.30%
21) 2-Butanone-d5	4.18	46	690194	124.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.06%
24) Chloroform-d	4.64	84	572188m	50.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.31	65	405373	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.34%
32) Benzene-d6	5.34	84	1097321	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
36) 1,2-Dichloropropane-d6	6.33	67	403135	53.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.58%
41) Toluene-d8	7.56	98	860819	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.85	79	160287	49.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.64%
47) 2-Hexanone-d5	8.31	63	365614	112.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	525077	52.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	272405	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	34191	3.286 ug/L	99
34) Trichloroethene	6.18	95	1117810	180.798 ug/L	94
46) Tetrachloroethene	8.22	164	42972	10.195 ug/L	97

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

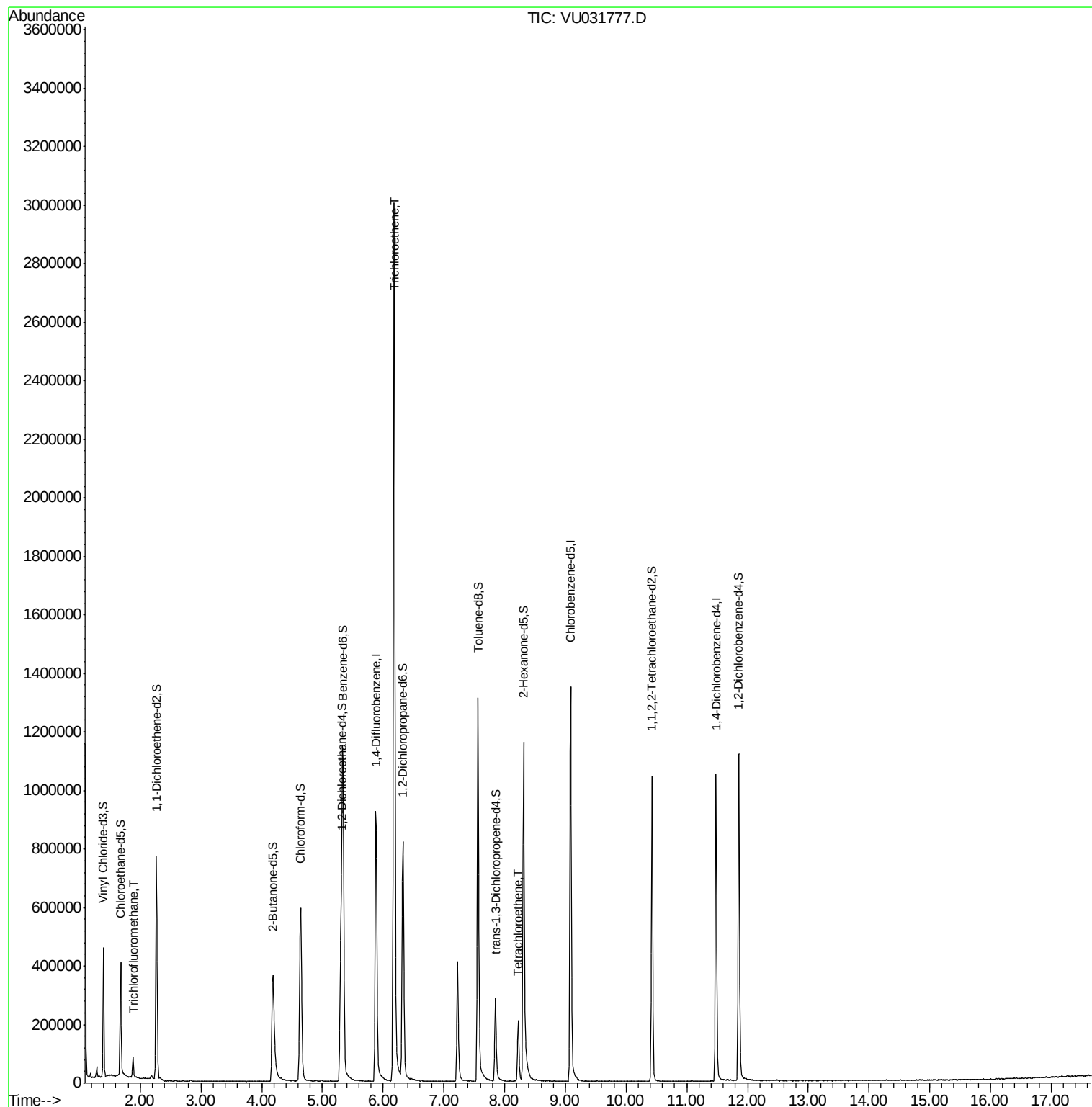
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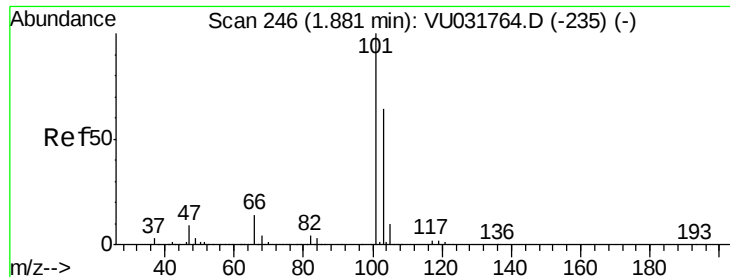
Instrument :
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#9

Trichlorofluoromethane

Concen: 3.286 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031777.D

Acq: 06 May 2019 13:59

Instrument :

MSVOA_U

ClientSampled :

C0X89

Tot Ion:101 Resp: 34191

Ion Ratio Lower Upper

101 100

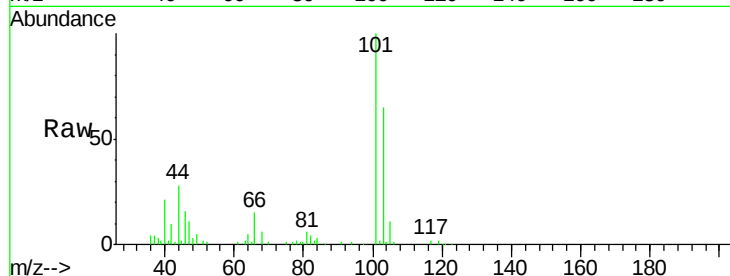
103 64.1 50.8 76.2

Manual Integrations

APPROVED

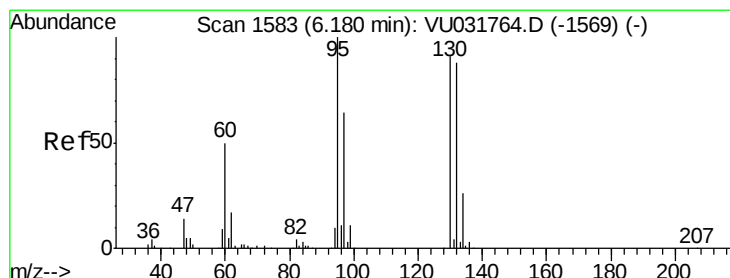
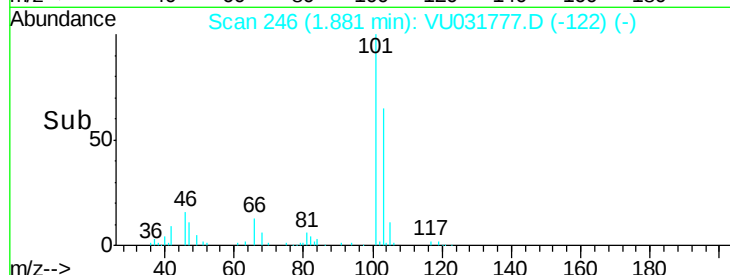
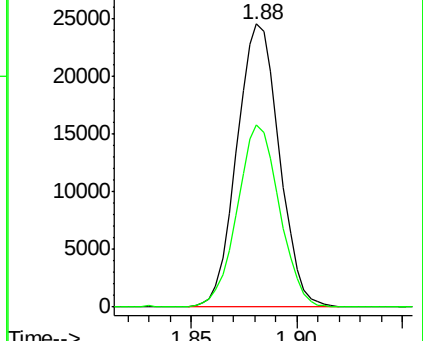
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5/7/2019 10:41:38 AM



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 180.798 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031777.D

Acq: 06 May 2019 13:59

Tgt Ion: 95 Resp: 1117810

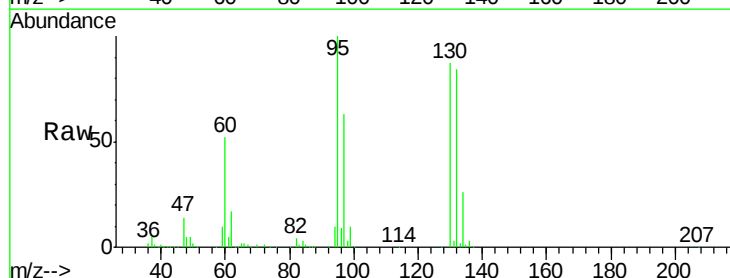
Ion Ratio Lower Upper

95 100

97 62.7 44.8 83.2

132 83.6 63.1 117.1

130 86.7 66.5 123.5

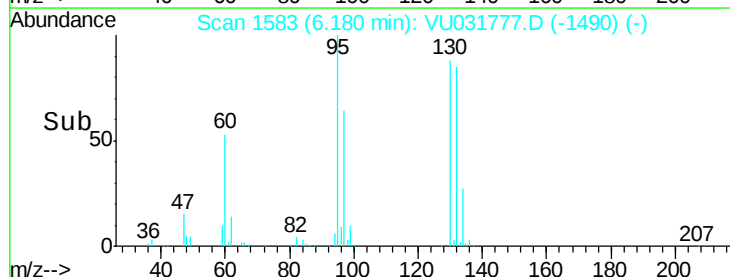
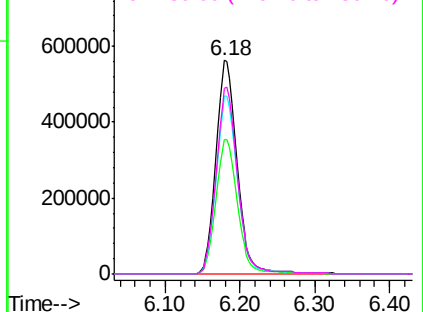


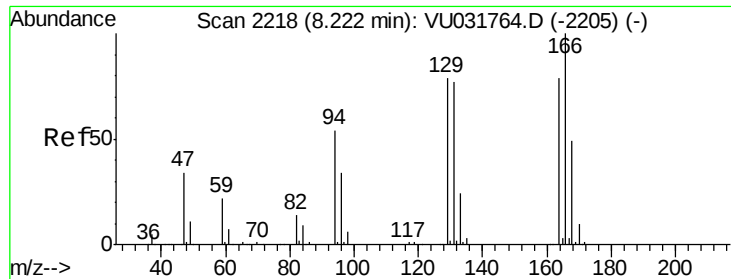
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): VU0

Ion 130.00 (129.70 to 130.70): VU0





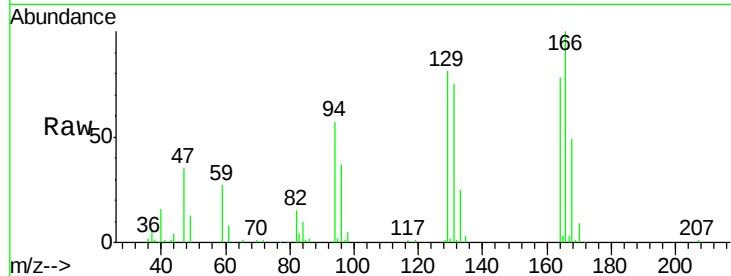
#46
Tetrachloroethene
Concen: 10.195 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
164	100		
129	103.6	71.5	132.9
131	96.7	69.0	128.2
166	128.3	93.7	173.9

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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

