

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031606.D
 Acq On : 29 Apr 2019 23:40
 Operator : JC/SP
 Sample : K2592-09DL 250X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X02DL

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:44:43 AM

Quant Time: Apr 30 05:14:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	619437	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	612070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222501	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	336959	65.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	130.00%
7) Chloroethane-d5	1.68	69	241640	60.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.64%
11) 1,1-Dichloroethene-d2	2.27	63	470225	45.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.10%
21) 2-Butanone-d5	4.18	46	524647	111.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.70%
24) Chloroform-d	4.64	84	503750m	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.12%
26) 1,2-Dichloroethane-d4	5.31	65	348259	56.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.28%
32) Benzene-d6	5.34	84	986661	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.32	67	359965	54.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.88%
41) Toluene-d8	7.56	98	816714	49.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.78%
43) trans-1,3-Dichloropropene-	7.85	79	135936	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.78%
47) 2-Hexanone-d5	8.31	63	291535	101.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	441501	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	240525	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	7415	0.844 ug/L	95
34) Trichloroethene	6.18	95	299852	54.969 ug/L	96
46) Tetrachloroethene	8.23	164	7609	2.046 ug/L	93

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

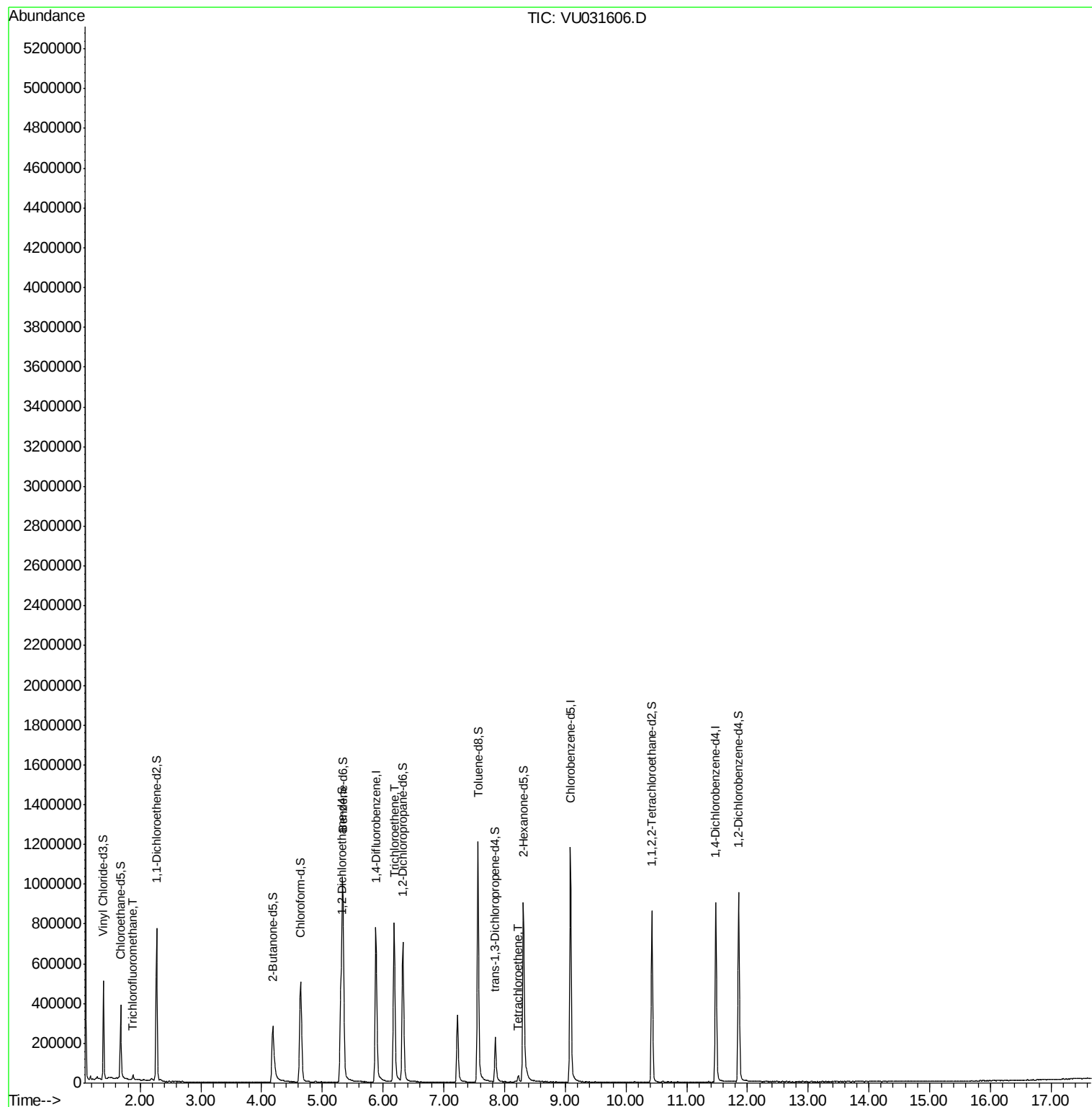
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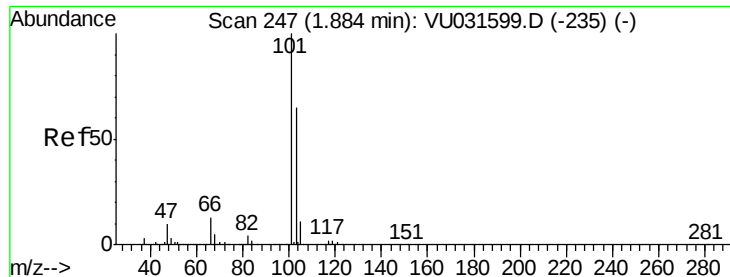
Instrument :
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#9

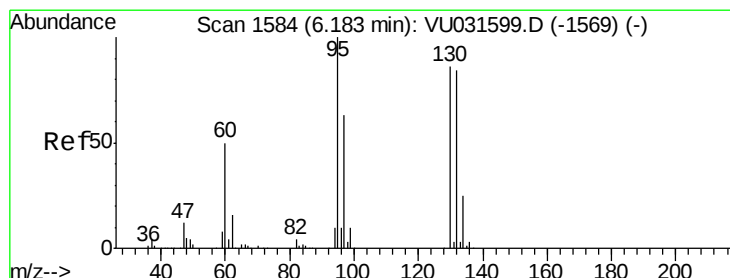
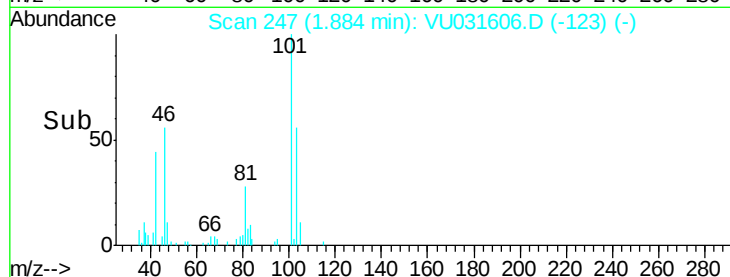
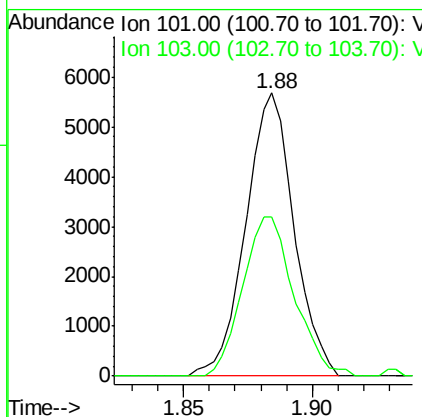
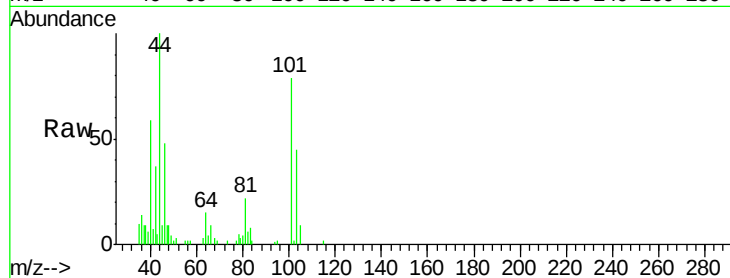
Trichlorofluoromethane
Concen: 0.844 ug/L
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU031606.D
Acq: 29 Apr 2019 23:40

Instrument :
MSVOA_U
ClientSampled :
C0X02DL

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.5	50.8	76.2

Manual Integrations
APPROVED

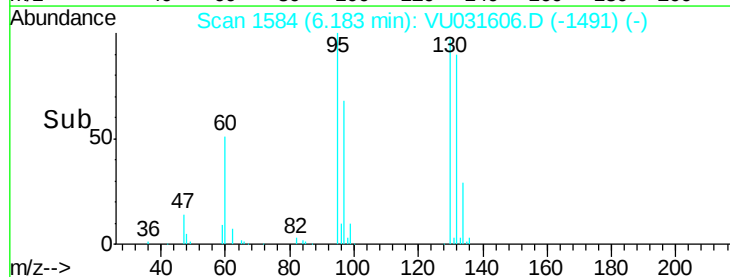
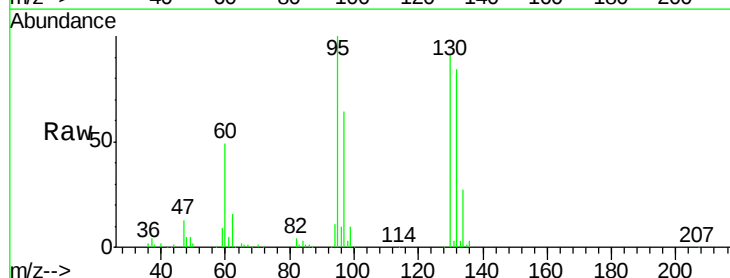
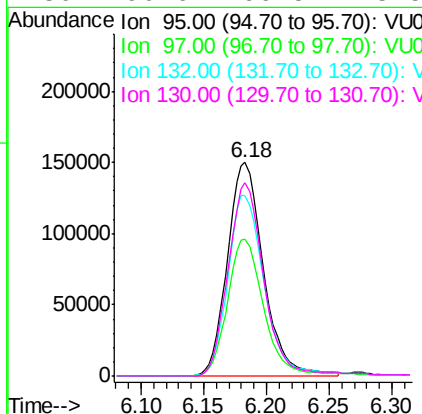
MMDadoda
4/30/2019 11:44:43 AM

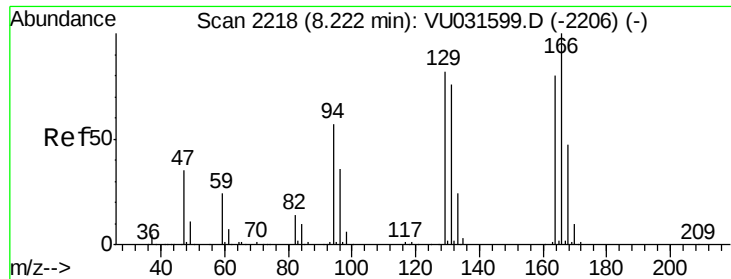


#34

Trichloroethene
Concen: 54.969 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031606.D
Acq: 29 Apr 2019 23:40

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.8	83.2
132	84.3	63.1	117.1
130	90.6	66.5	123.5





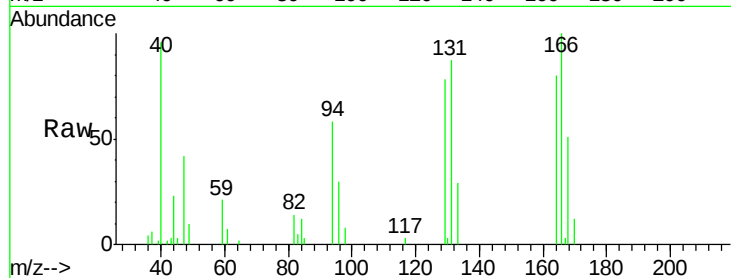
#46
 Tetrachloroethene
 Concen: 2.046 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VU031606.D
 Acq: 29 Apr 2019 23:40

Instrument :
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 ClientSampleId :
 C0X02DL

Tot Ion:	164	Resp:	7609
Ion Ratio	Lower	Upper	
164	100		
129	97.5	71.5	132.9
131	108.8	69.0	128.2
166	125.0	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

