

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031543.D
 Acq On : 26 Apr 2019 19:36
 Operator : JC/SP
 Sample : K2536-17 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X05

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:53:19 AM

Quant Time: Apr 27 03:22:10 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	883163	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	810055	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	336399	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	375561	50.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.62%
7) Chloroethane-d5	1.68	69	285440	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.94%
11) 1,1-Dichloroethene-d2	2.27	63	533940	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	4.19	46	666847	99.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.57%
24) Chloroform-d	4.64	84	601417m	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
26) 1,2-Dichloroethane-d4	5.31	65	397552	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.90%
32) Benzene-d6	5.34	84	1280481	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
36) 1,2-Dichloropropane-d6	6.33	67	438704	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.56	98	1090547	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%
43) trans-1,3-Dichloropropene-	7.85	79	177944	47.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.74%
47) 2-Hexanone-d5	8.31	63	438019	115.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	560293	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	358680	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	7029	0.561 ug/L	86
34) Trichloroethene	6.18	95	324250	44.914 ug/L	98
46) Tetrachloroethene	8.23	164	9440	1.918 ug/L	93

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

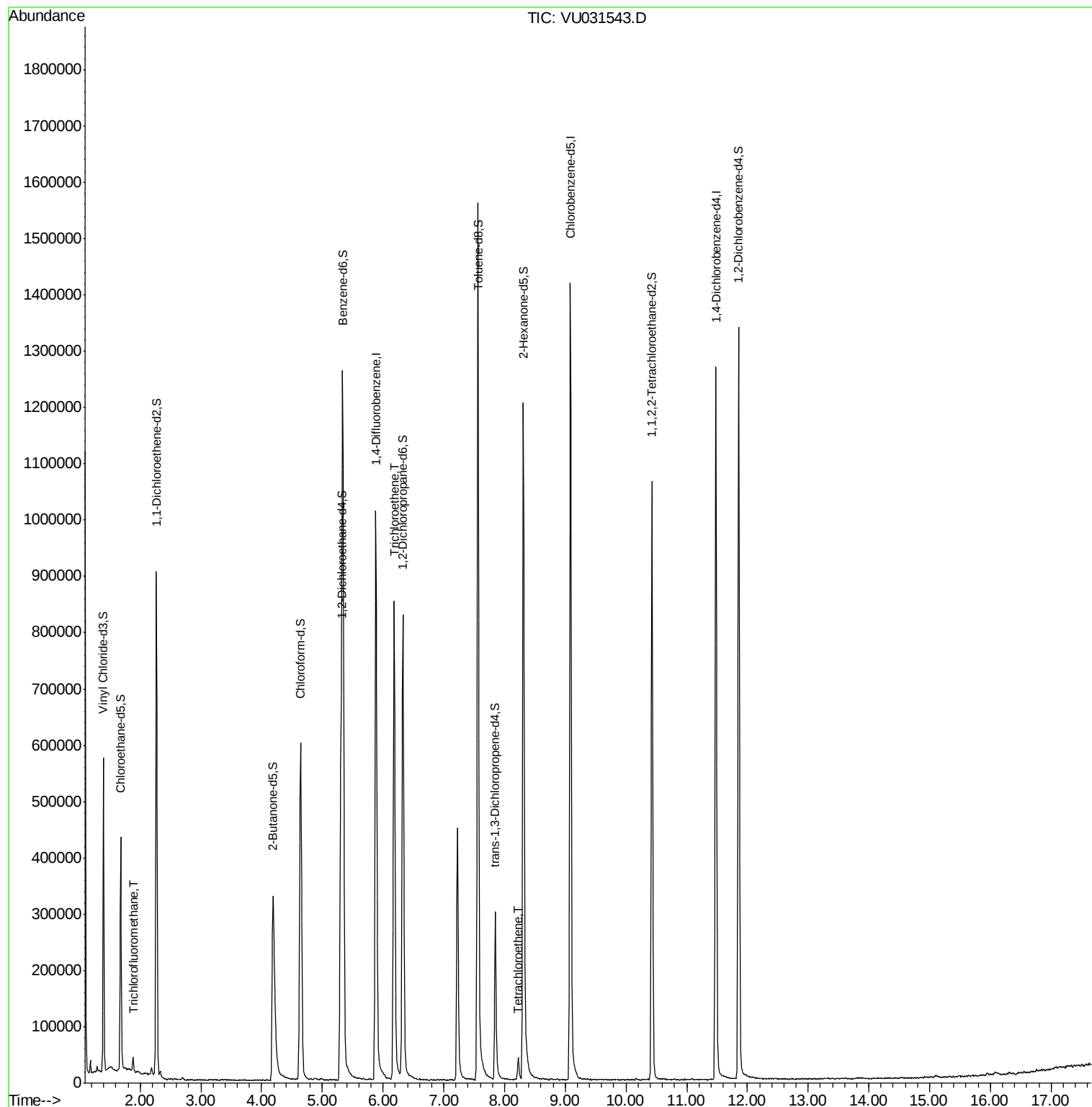
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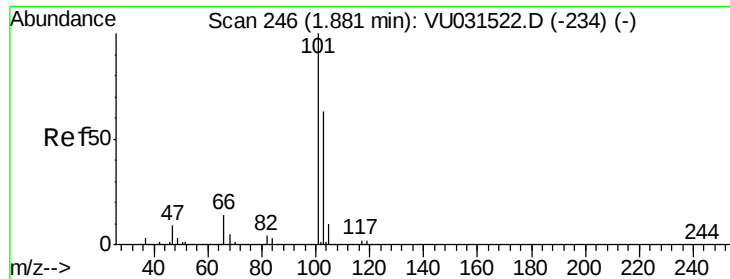
Instrument :
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#9

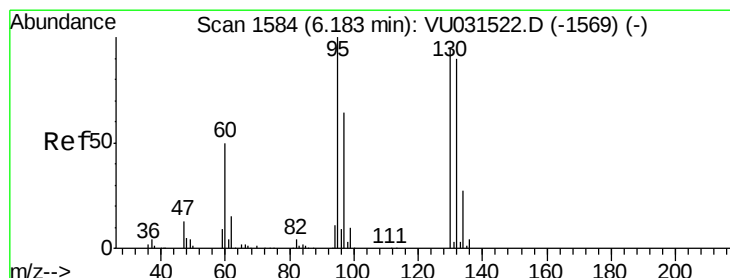
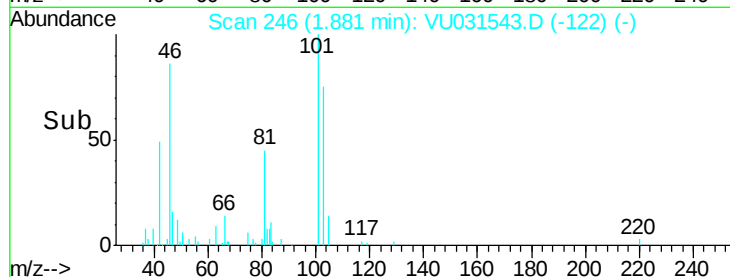
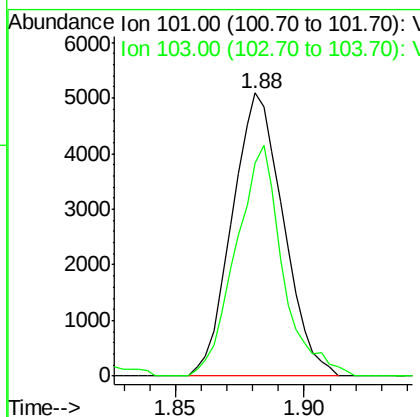
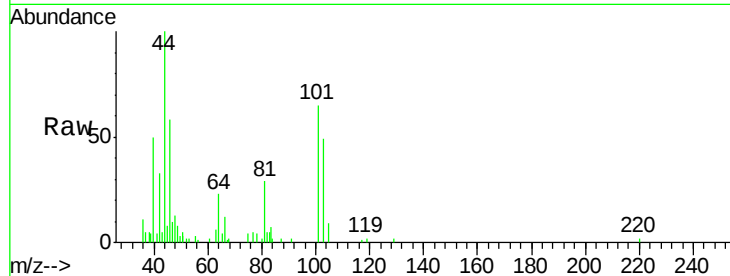
Trichlorofluoromethane
Concen: 0.561 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031543.D
Acq: 26 Apr 2019 19:36

Instrument :
MSVOA_U
ClientSampleId :
C0X05

Tot Ion	Ratio	Lower	Upper
101	100		
103	74.4	50.8	76.2

Manual Integrations
APPROVED

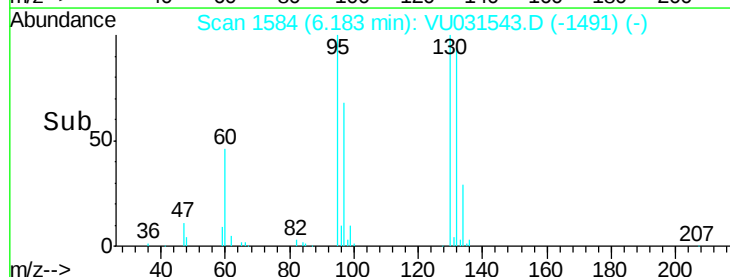
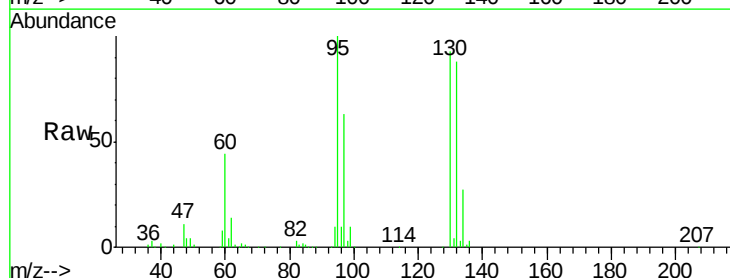
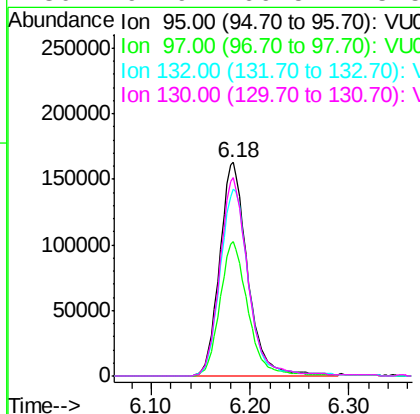
MMDadoda
4/29/2019 10:53:19 AM

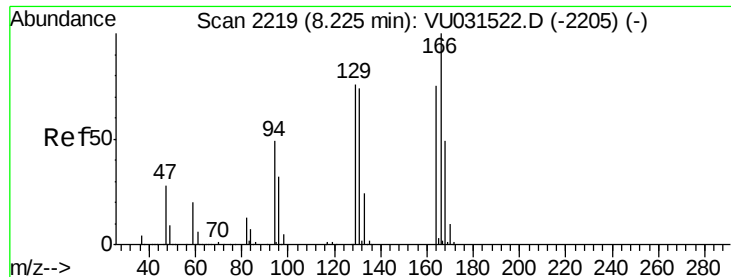


#34

Trichloroethene
Concen: 44.914 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU031543.D
Acq: 26 Apr 2019 19:36

Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.8	83.2
132	87.6	63.1	117.1
130	92.9	66.5	123.5





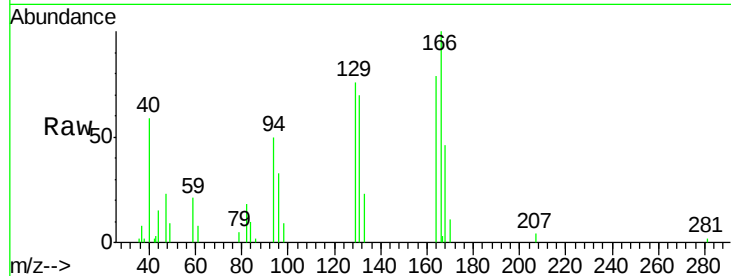
#46
Tetrachloroethene
Concen: 1.918 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU031543.D
Acq: 26 Apr 2019 19:36

Instrument :
MSVOA_U
ClientSampleId :
C0X05

Tot Ion:	164	Resp:	9440
Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.5	132.9
131	89.2	69.0	128.2
166	127.2	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

