

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031642.D
 Acq On : 30 Apr 2019 18:26
 Operator : JC/SP
 Sample : K2593-11DL 5000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X75DL

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 11:16:43 AM

Quant Time: May 01 03:05:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

5/1/2019 11:16:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	674719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	655650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	223720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	303559	53.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.52%
7) Chloroethane-d5	1.68	69	218490	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.14%
11) 1,1-Dichloroethene-d2	2.27	63	442384	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.68%
21) 2-Butanone-d5	4.19	46	486035	95.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.00%
24) Chloroform-d	4.64	84	502863	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.31	65	351744	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
32) Benzene-d6	5.34	84	992345	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
36) 1,2-Dichloropropane-d6	6.32	67	355285	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.32%
41) Toluene-d8	7.56	98	784319	44.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.46%
43) trans-1,3-Dichloropropene-	7.85	79	135135	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.31	63	264017	86.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	432253	45.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	229589	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	8810	0.921 ug/L	96
34) Trichloroethene	6.18	95	672843	115.148 ug/L	94
46) Tetrachloroethene	8.22	164	2510m	0.630 ug/L	

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

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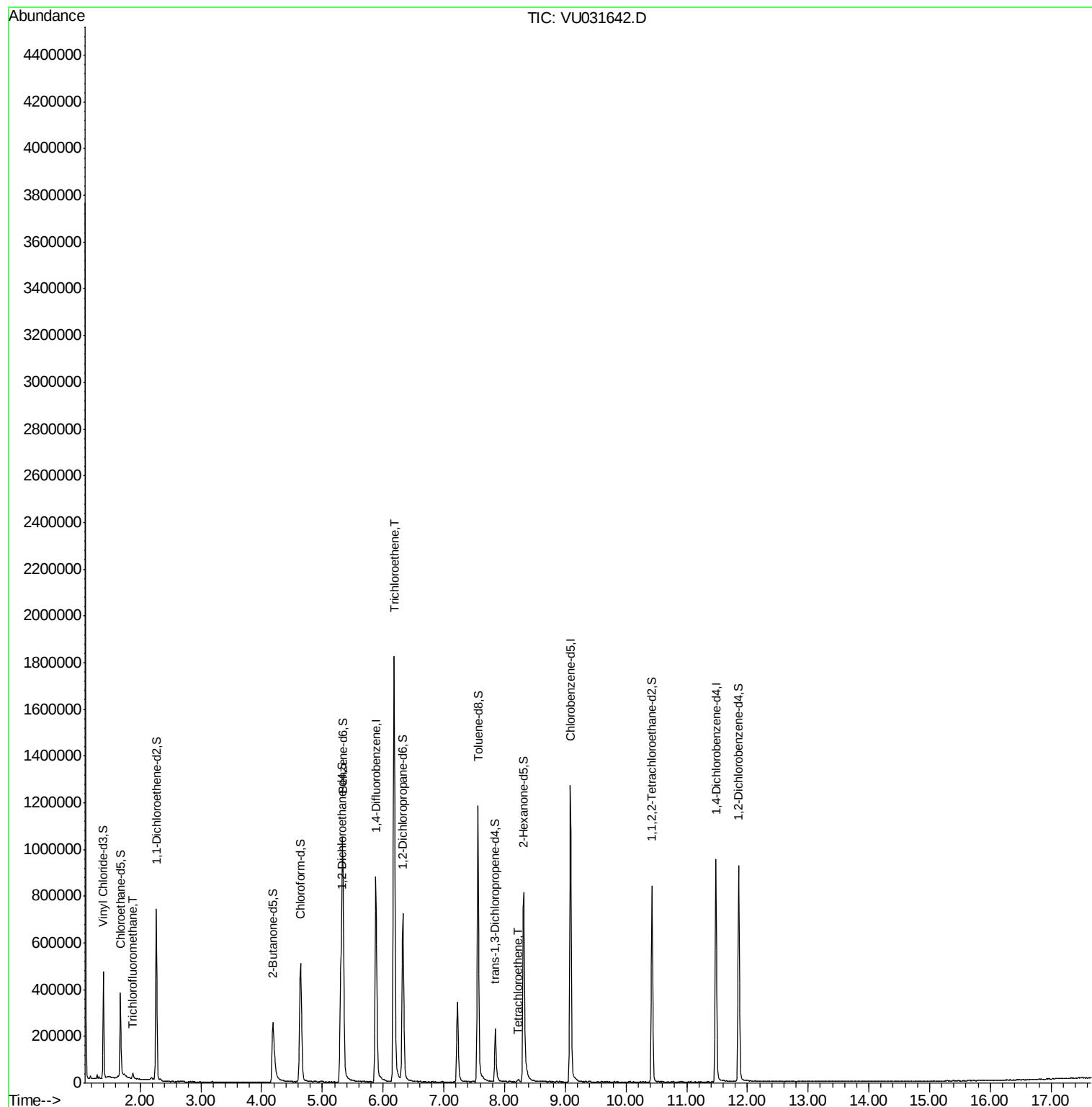
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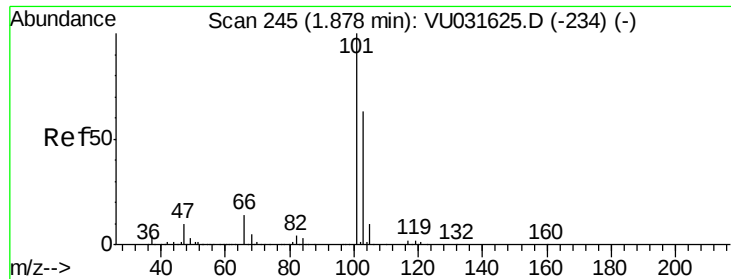
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#9

Trichlorofluoromethane
Concen: 0.921 ug/L
RT: 1.88 min Scan# 245
Delta R.T. 0.00 min
Lab File: VU031642.D
Acq: 30 Apr 2019 18:26

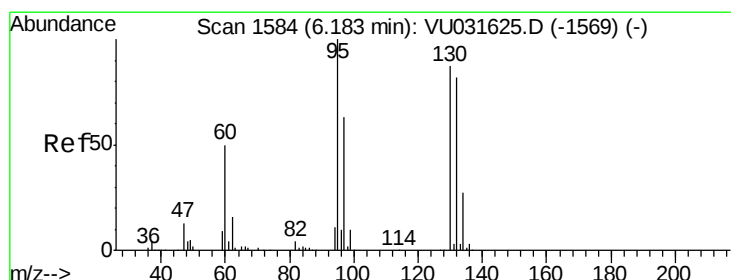
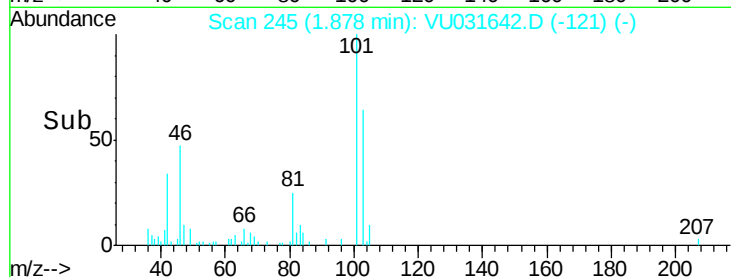
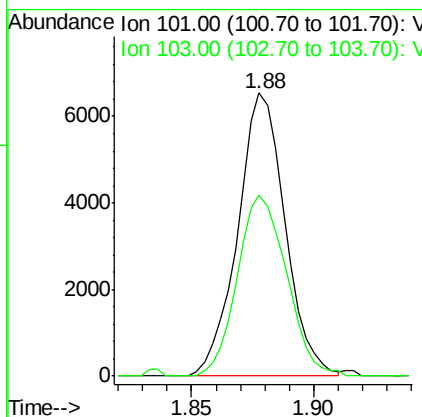
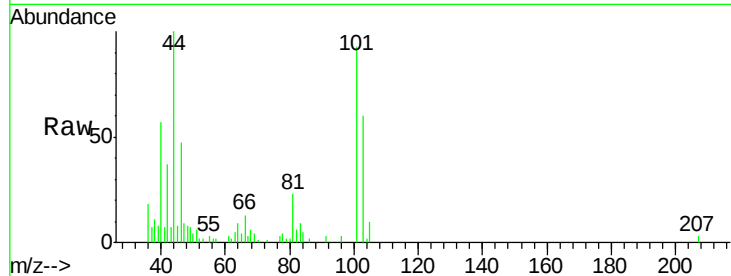
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	101	100	8810		
103	103	66.4	50.8	76.2	

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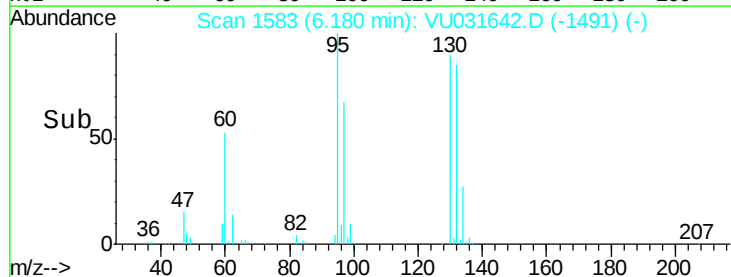
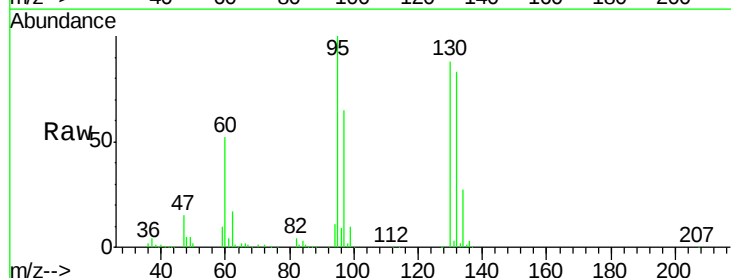
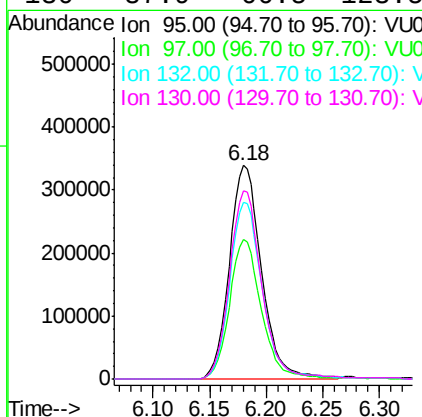
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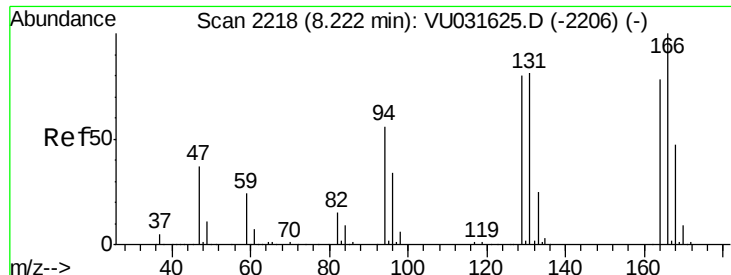


#34

Trichloroethene
Concen: 115.148 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031642.D
Acq: 30 Apr 2019 18:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	95	100	672843		
97	97	65.2	44.8	83.2	
132	132	82.6	63.1	117.1	
130	130	87.9	66.5	123.5	





#46

Tetrachloroethene

Concen: 0.630 ug/L m

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031642.D

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Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion:164 Resp: 2510

Ion Ratio Lower Upper

164 100

129 96.4 71.5 132.9

131 86.1 69.0 128.2

166 125.7 93.7 173.9

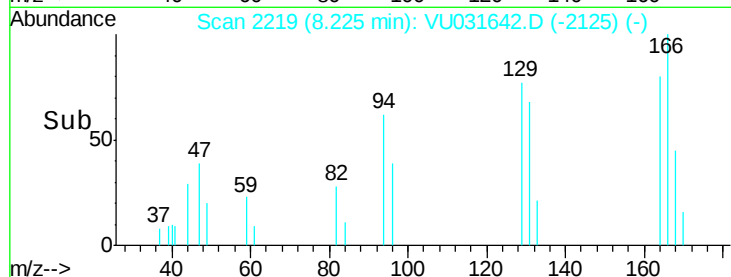
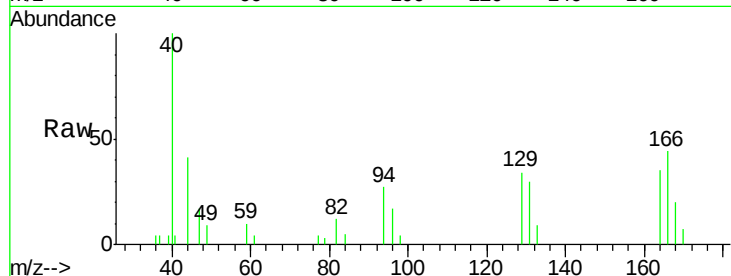
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Abundance Ion 164.00 (163.70 to 164.70): V

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

