

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030755.D
 Acq On : 05 Apr 2019 20:51
 Operator : JC/SP
 Sample : K2167-12ME
 Misc : 4.70uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF113ME

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 10:32:41 AM

Quant Time: Apr 06 10:12:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451335	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	443553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	152724	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.82%
7) Chloroethane-d5	1.64	69	114726m	37.52	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.04%
11) 1,1-Dichloroethene-d2	2.23	63	232505	31.91	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.82%
21) 2-Butanone-d5	4.19	46	319047	99.92	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.92%
24) Chloroform-d	4.64	84	271489	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
26) 1,2-Dichloroethane-d4	5.30	65	200029	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.33	84	566563	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
36) 1,2-Dichloropropane-d6	6.32	67	201389	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.76%
41) Toluene-d8	7.56	98	465559	40.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.12%
43) trans-1,3-Dichloropropene-	7.85	79	86131	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.14%
47) 2-Hexanone-d5	8.32	63	217373	107.18	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306901	51.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	184669	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	25215	9.742 ug/L	96

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

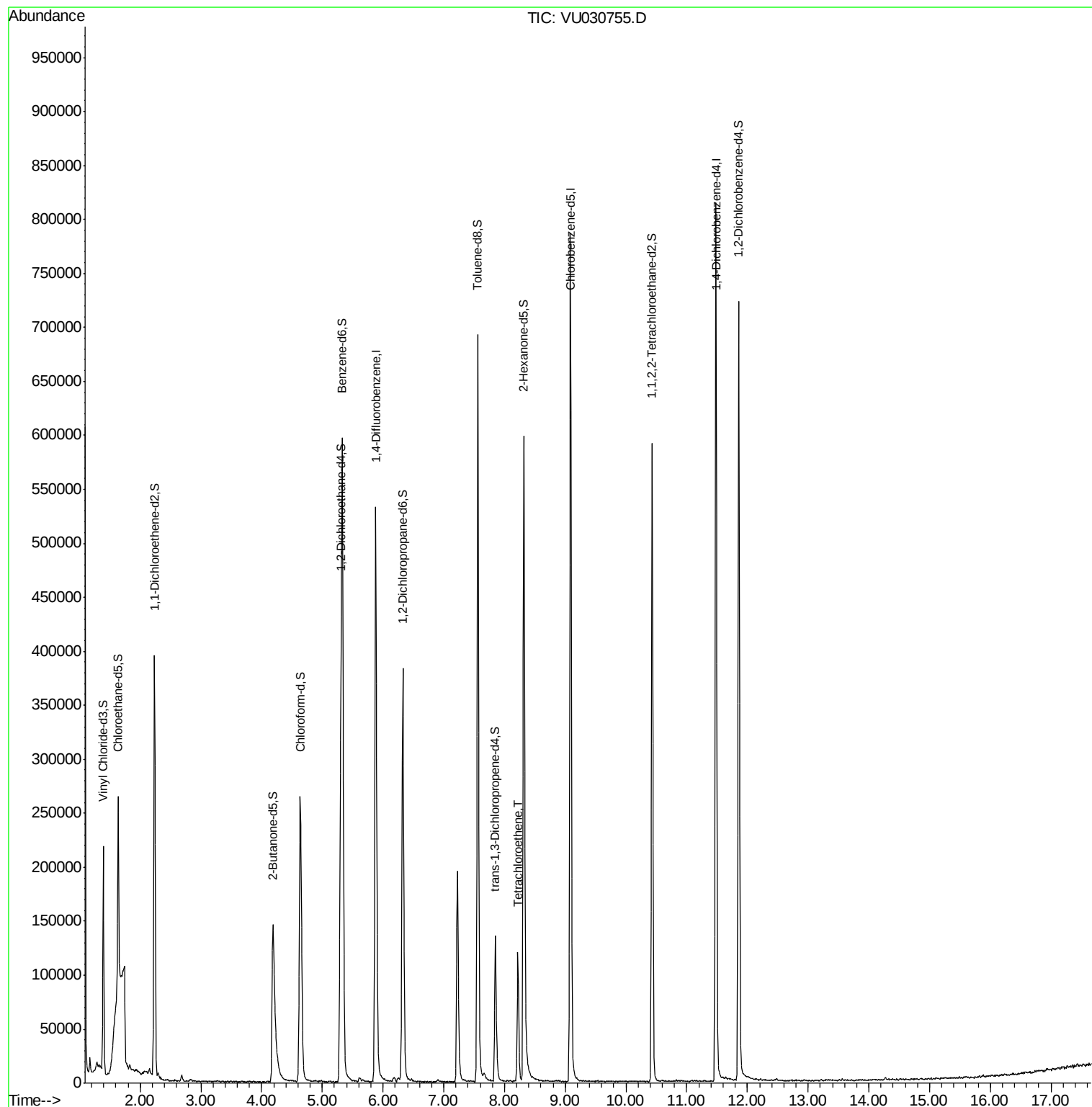
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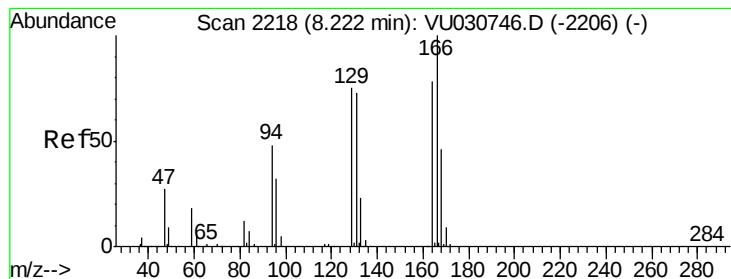
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#46

Tetrachloroethene

Concen: 9.742 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU030755.D

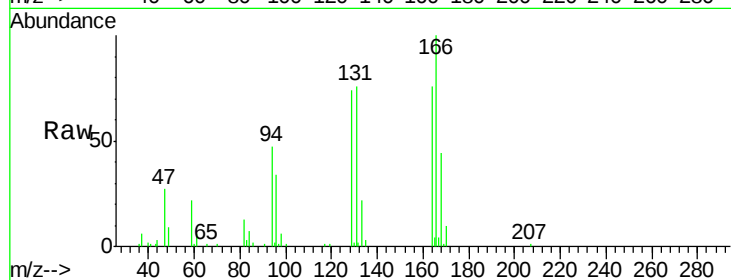
Acq: 05 Apr 2019 20:51

Instrument :

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Tot Ion:164 Resp: 25215

Ion Ratio Lower Upper

164 100

129 96.8 67.4 125.2

131 99.6 65.9 122.5

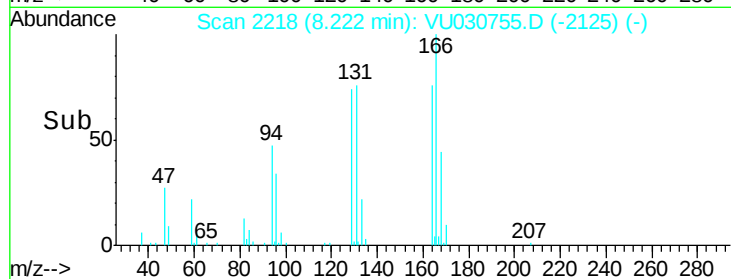
166 131.5 88.6 164.6

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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

