

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\
 Data File : VU030433.D
 Acq On : 26 Mar 2019 10:49
 Operator : JC/SP
 Sample : K2062-17ME
 Misc : 4.99g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0H4ME

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 9:55:20 AM

Quant Time: Mar 27 04:58:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 04:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	456077	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	441981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	198215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	162913	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.78%
7) Chloroethane-d5	1.64	69	106972	36.77	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.54%
11) 1,1-Dichloroethene-d2	2.22	63	230421m	33.09	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.18%
21) 2-Butanone-d5	4.19	46	295342	85.60	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.60%
24) Chloroform-d	4.64	84	272807	43.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.28%
26) 1,2-Dichloroethane-d4	5.30	65	186565	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
32) Benzene-d6	5.33	84	565667	44.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.26%
36) 1,2-Dichloropropane-d6	6.32	67	199105	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.82%
41) Toluene-d8	7.56	98	487969	42.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.74%
43) trans-1,3-Dichloropropene-	7.85	79	88733	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.04%
47) 2-Hexanone-d5	8.32	63	212867	90.58	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292749	47.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	182023	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	8238	3.189 ug/L	93

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

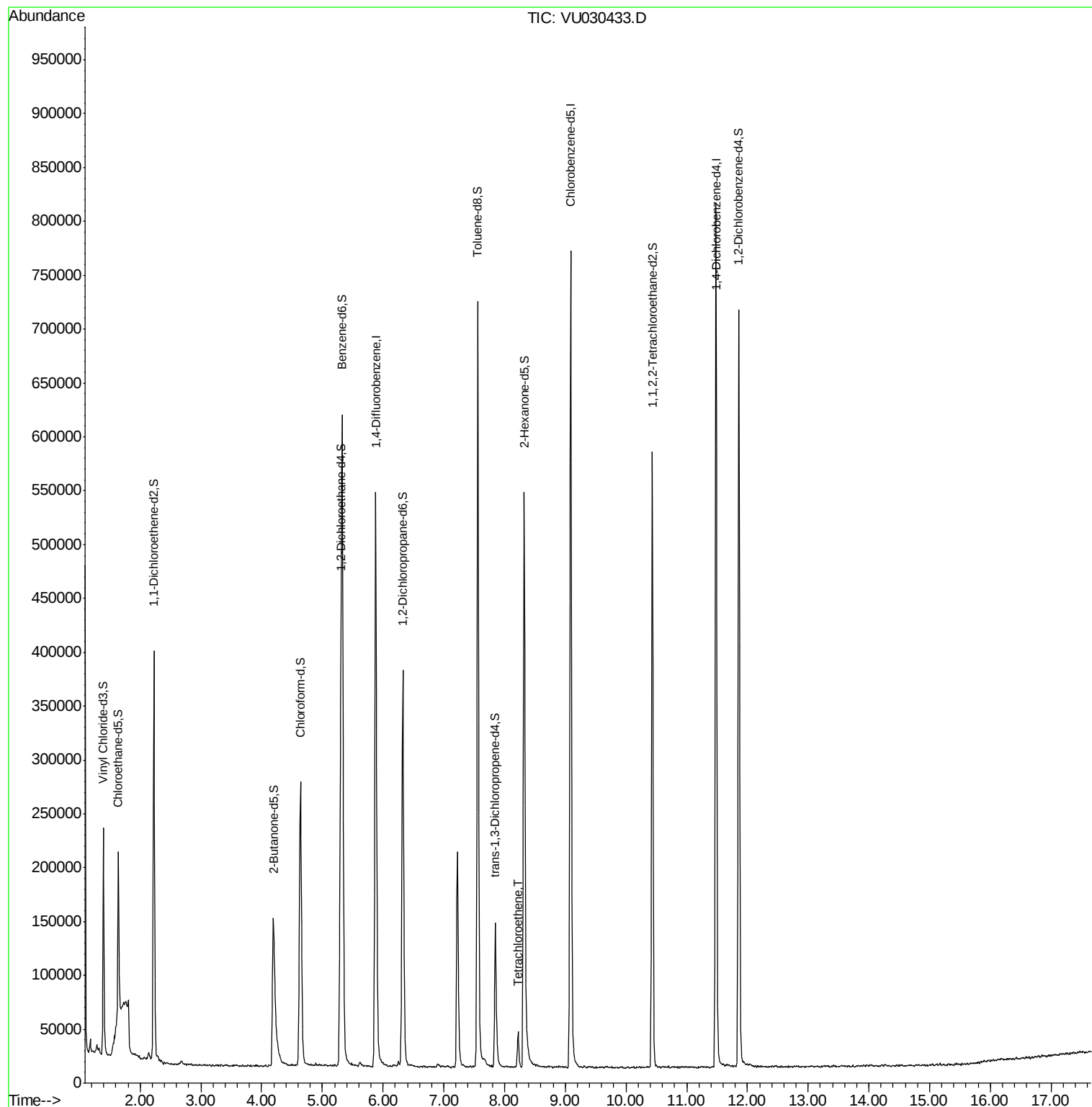
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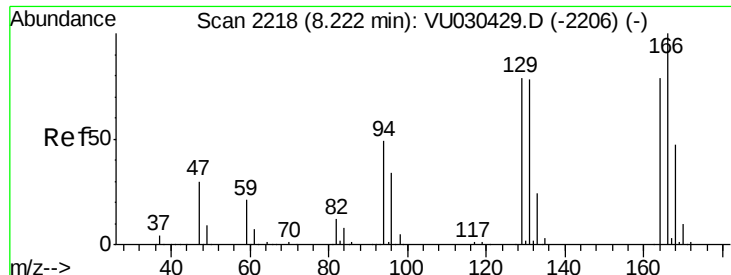
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#46

Tetrachloroethene

Concen: 3.189 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030433.D

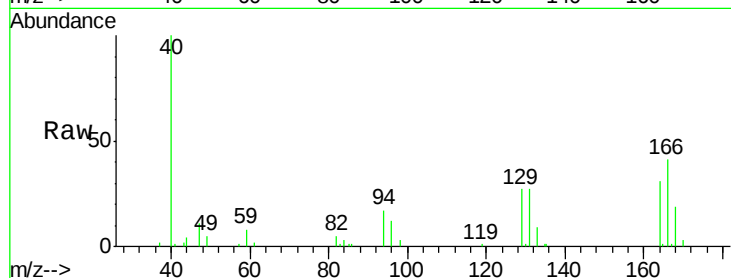
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Tot Ion:164 Resp: 8238

Ion Ratio Lower Upper

164 100

129 85.1 68.1 126.5

131 86.0 67.7 125.7

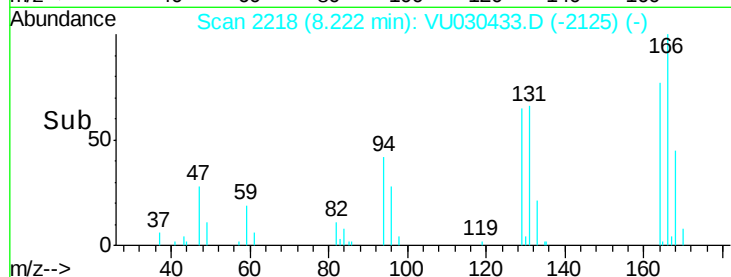
166 130.5 92.4 171.6

Manual Integrations

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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

