

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030810.D
 Acq On : 06 Apr 2019 18:58
 Operator : JC/SP
 Sample : K2277-05ME
 Misc : 5.37g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF167ME

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 1:52:27 PM

Quant Time: Apr 09 01:19:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 05:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	561280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	556856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	261049	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	144978	28.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.88%#
7) Chloroethane-d5	1.64	69	112654m	29.62	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.24%#
11) 1,1-Dichloroethene-d2	2.23	63	232288	25.63	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.26%#
21) 2-Butanone-d5	4.19	46	286714	72.20	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.20%
24) Chloroform-d	4.64	84	258041	33.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.42%#
26) 1,2-Dichloroethane-d4	5.30	65	191178	36.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.22%
32) Benzene-d6	5.33	84	565113	34.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.52%#
36) 1,2-Dichloropropane-d6	6.32	67	194943	34.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.98%#
41) Toluene-d8	7.56	98	468357	32.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.00%#
43) trans-1,3-Dichloropropene-	7.85	79	82760	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
47) 2-Hexanone-d5	8.32	63	203242	79.82	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283839	37.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	181091	35.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.54%#

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	160983	49.542 ug/L	96

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

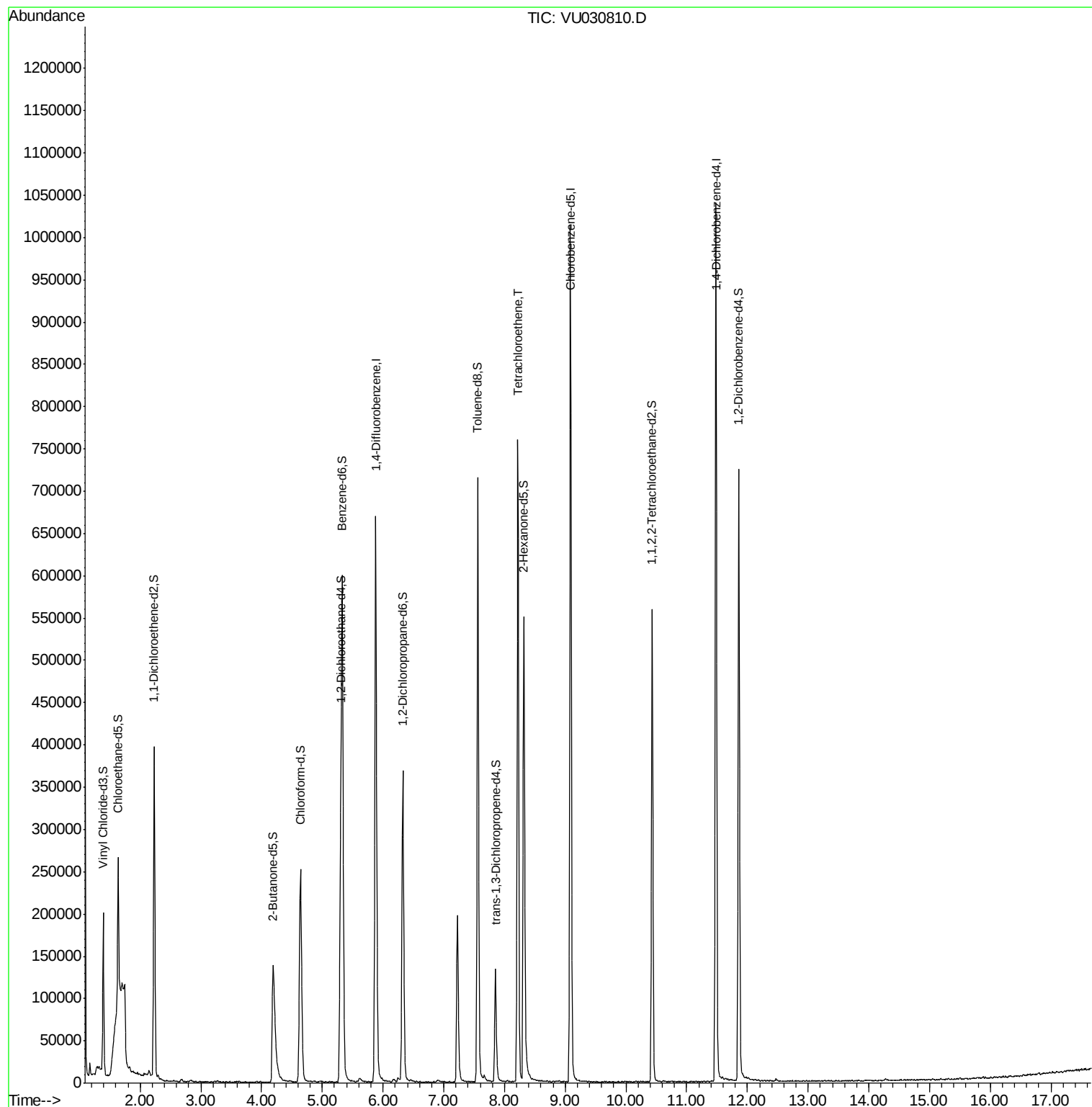
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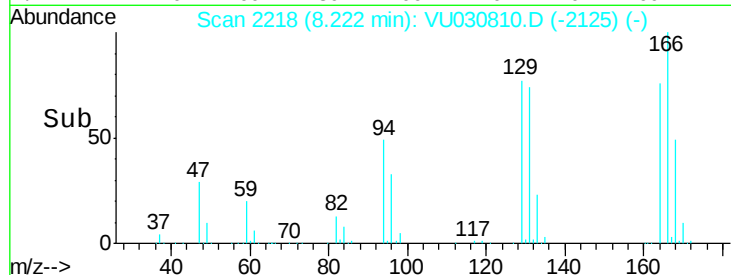
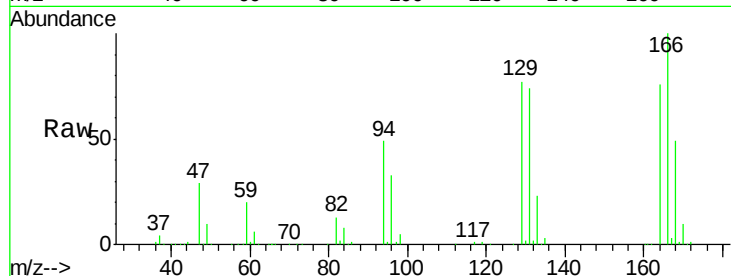
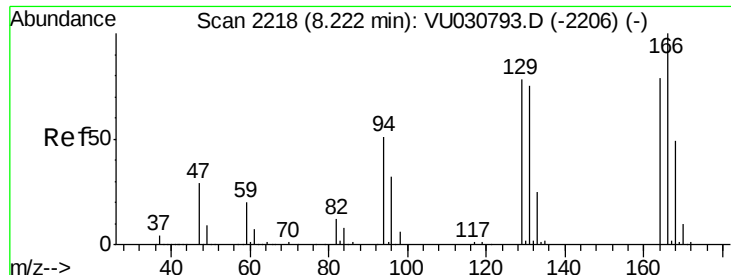
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#46

Tetrachloroethene

Concen: 49.542 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU030810.D

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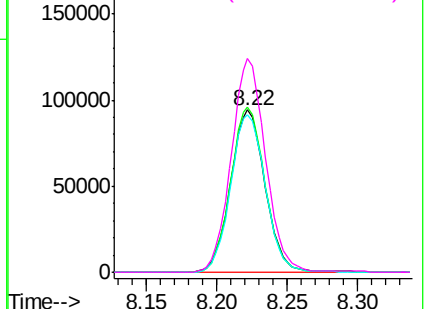
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
129	101.9	67.4	125.2	
131	97.1	65.9	122.5	
166	131.6	88.6	164.6	

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



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