

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030152.D
 Acq On : 16 Mar 2019 18:04
 Operator : JC/SP
 Sample : K1936-08
 Misc : 5.70g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0W5

Manual Integrations
 APPROVED

MMDadoda
 3/18/2019 9:36:18 AM

Quant Time: Mar 18 05:53:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 04:23:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	579167	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	592588	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	312433	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	129488	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.60%
7) Chloroethane-d5	1.64	69	64174m	20.75	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.50%#
11) 1,1-Dichloroethene-d2	2.23	63	179581m	25.97	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.94%#
21) 2-Butanone-d5	4.19	46	251672	87.68	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	4.64	84	261661	38.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.16%
26) 1,2-Dichloroethane-d4	5.30	65	160942	40.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.08%
32) Benzene-d6	5.33	84	554487	36.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.70%
36) 1,2-Dichloropropane-d6	6.32	67	178331	38.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.40%
41) Toluene-d8	7.56	98	495296	34.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.36%#
43) trans-1,3-Dichloropropene-	7.85	79	80558	35.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.24%
47) 2-Hexanone-d5	8.32	63	233400	89.35	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.35%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322208	44.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	246297	40.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.38%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	28662	7.369 ug/L	100

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

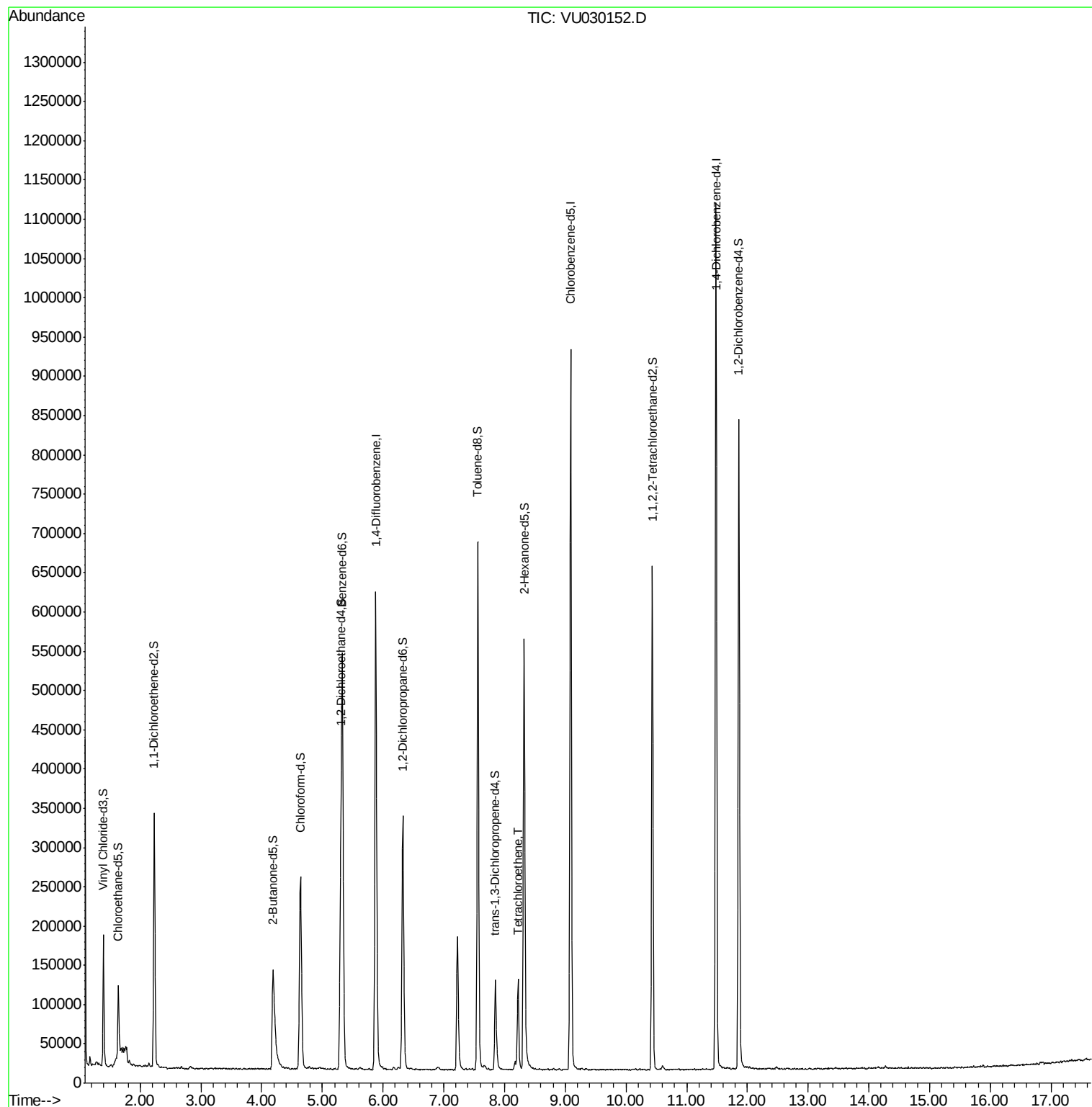
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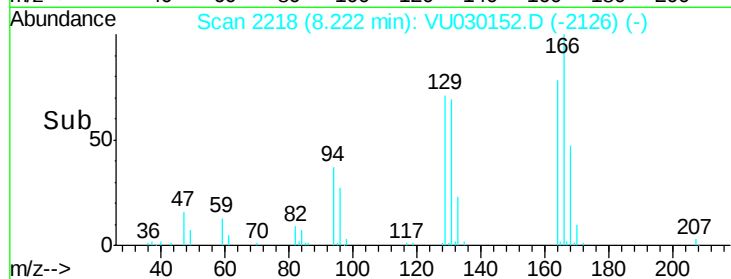
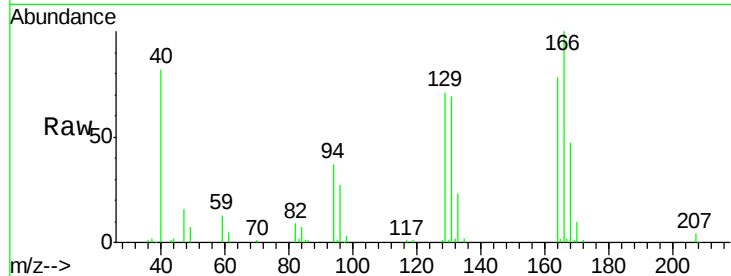
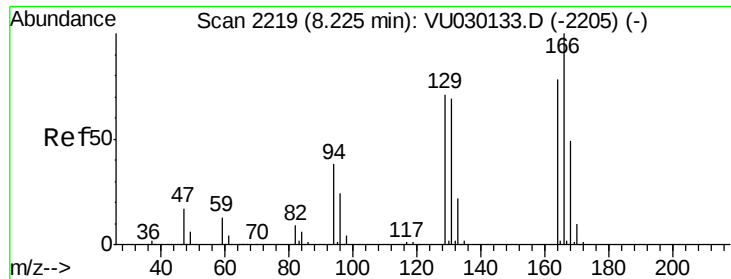
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#46

Tetrachloroethene

Concen: 7.369 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030152.D

Acq: 16 Mar 2019 18:04

Tot Ion:	164	Resp:	28662
Ion Ratio	Lower	Upper	
164	100		
129	91.5	63.3	117.7
131	88.6	62.0	115.2
166	128.9	90.5	168.1

Instrument :

MSVOA_U

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