

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\  
 Data File : VV009724.D  
 Acq On : 16 Mar 2019 07:21  
 Operator : SY/MD  
 Sample : K1936-18  
 Misc : 4.60µ/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 42 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_V  
**ClientSampleId :**  
 BFOX6

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/18/2019 10:31:27 AM

Quant Time: Mar 18 01:15:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM031219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 16 02:32:06 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	175126	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78964	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33896	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.40%
7) Chloroethane-d5	1.55	69	21718m	20.13	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.26%#
11) 1,1-Dichloroethene-d2	2.10	63	75119	27.47	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.94%#
21) 2-Butanone-d5	3.95	46	66596	86.95	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.95%
24) Chloroform-d	4.40	84	89964	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.46%
26) 1,2-Dichloroethane-d4	5.08	65	64577	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.22%
32) Benzene-d6	5.09	84	185837	40.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.58%
36) 1,2-Dichloropropane-d6	6.12	67	58472	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.84%
41) Toluene-d8	7.36	98	180919	40.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.52%
43) trans-1,3-Dichloropropene-	7.67	79	24958	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.94%
47) 2-Hexanone-d5	8.14	63	55051	92.39	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.39%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	92619	42.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	69050	41.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.90%

Target Compounds					Ovalue
46) Tetrachloroethene	8.02	164	4441	4.813 ug/L	96

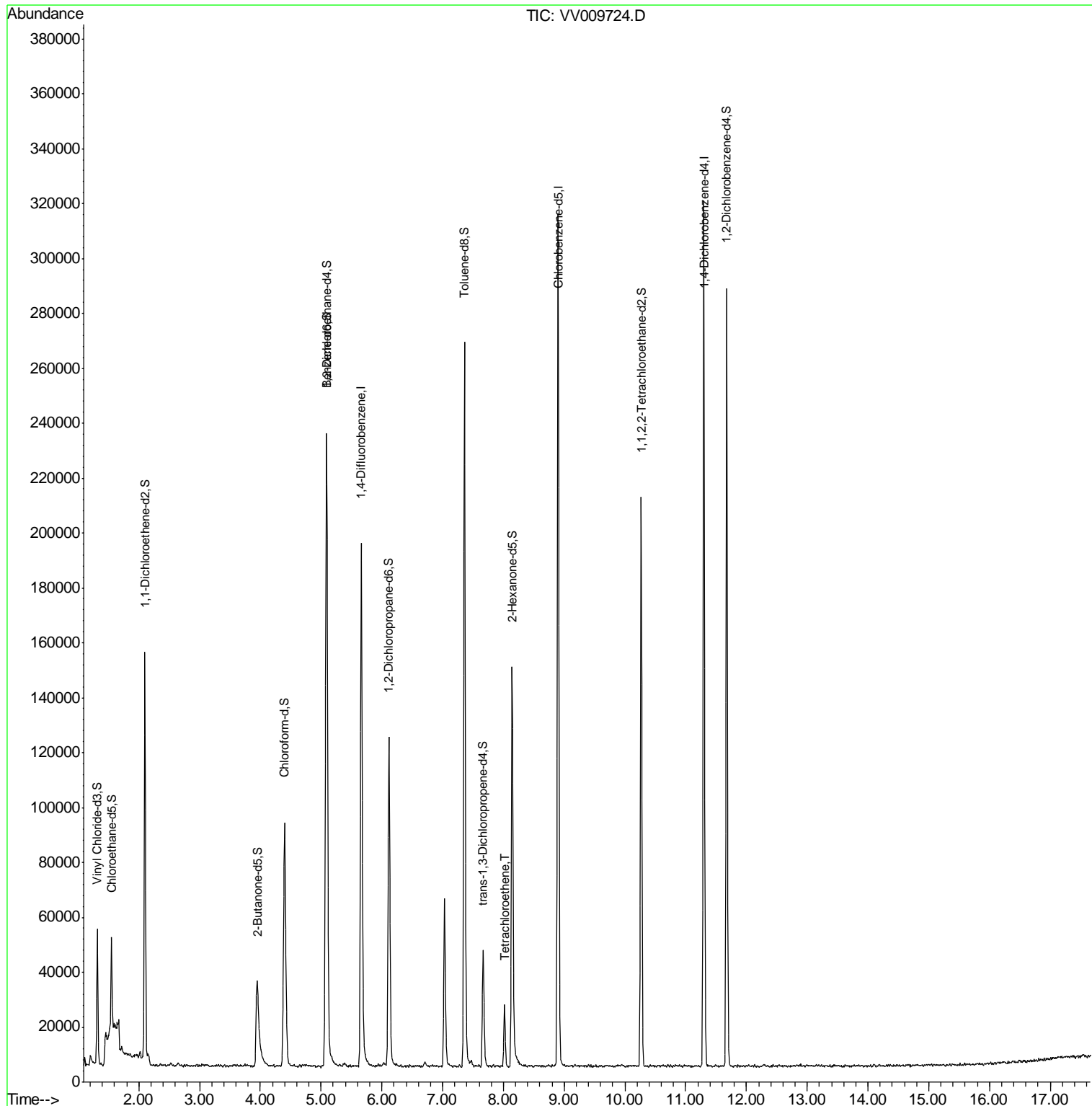
(#) = qualifier out of range (m) = manual integration (+) = signals summed

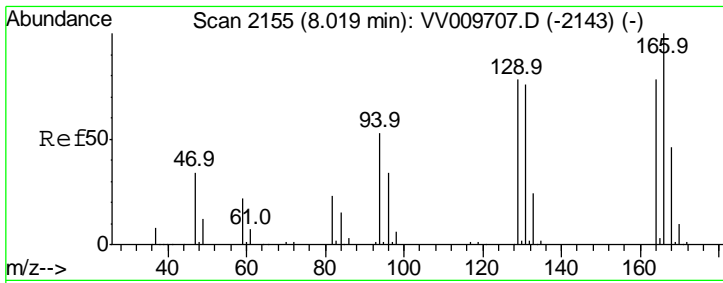
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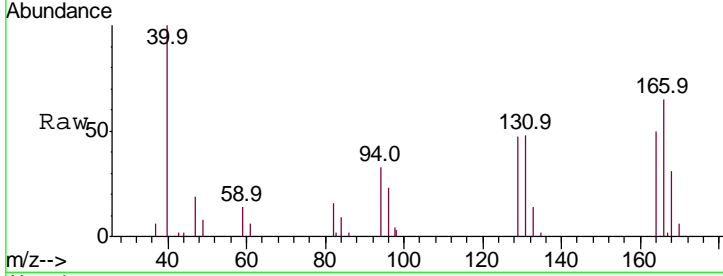
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#46  
 Tetrachloroethene  
 Concen: 4.813 ug/L  
 RT: 8.02 min Scan# 2155  
 Delta R.T. -0.00 min  
 Lab File: VV009724.D  
 Acq: 16 Mar 2019 07:21

**Instrument :**  
 MSVOA\_V  
**ClientSampled :**  
 BF0X6



Tot Ion:164 Resp: 4441

Ion	Ratio	Lower	Upper
164	100		
129	92.3	70.8	131.6
131	94.4	68.3	126.9
166	128.6	89.5	166.3

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