

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030647.D
 Acq On : 03 Apr 2019 22:54
 Operator : JC/SP
 Sample : K2167-11ME
 Misc : 6.44g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF112ME

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:52:50 AM

Quant Time: Apr 04 09:42:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:52:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	547070	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	536176	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	256658	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	170601	38.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.50%
7) Chloroethane-d5	1.64	69	118851m	34.06	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.12%#
11) 1,1-Dichloroethene-d2	2.24	63	262099	31.38	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.76%
21) 2-Butanone-d5	4.18	46	319462	77.19	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.19%
24) Chloroform-d	4.64	84	292784	38.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.30	65	202123	40.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.44%
32) Benzene-d6	5.33	84	657209	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.48%
36) 1,2-Dichloropropane-d6	6.32	67	222417	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.56%
41) Toluene-d8	7.56	98	577982	41.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.70%
43) trans-1,3-Dichloropropene-	7.85	79	96670	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.16%
47) 2-Hexanone-d5	8.32	63	245233	86.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	327189	43.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	227318	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	23552	7.515 ug/L	98

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

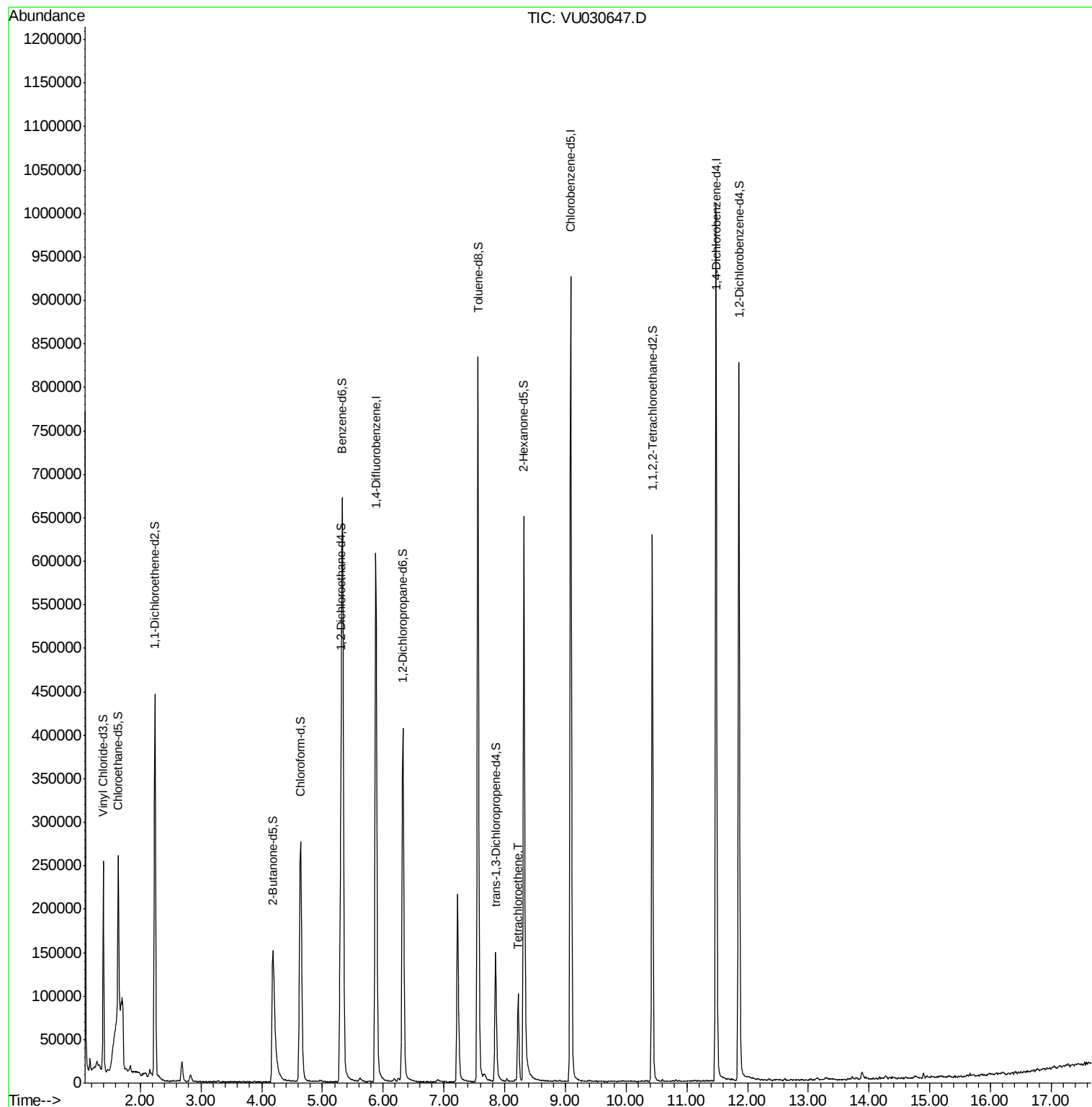
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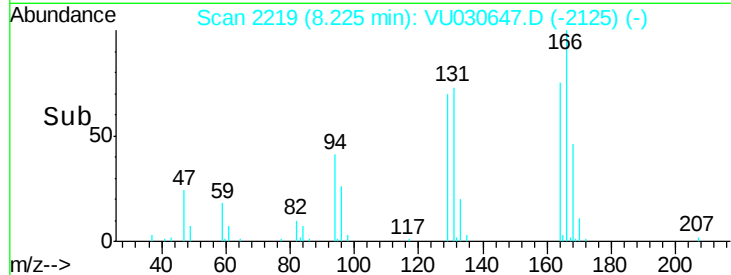
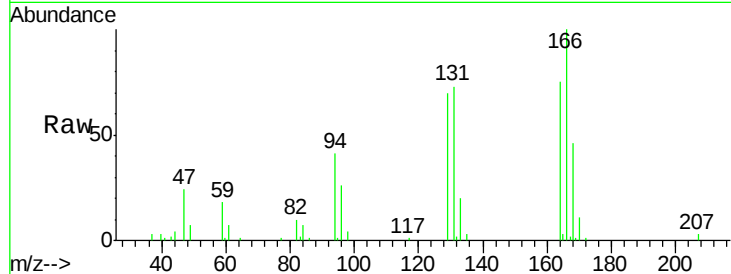
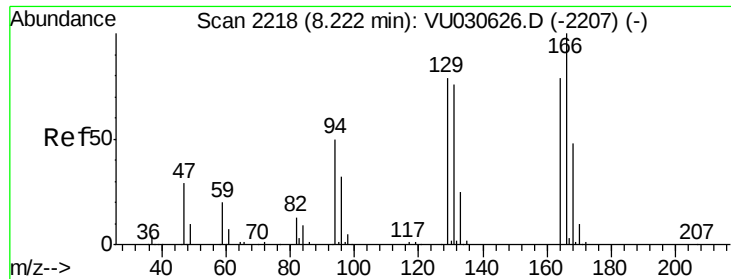
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#46

Tetrachloroethene

Concen: 7.515 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030647.D

Acq: 03 Apr 2019 22:54

Tot Ion:	164	Resp:	23552
Ion Ratio	Lower	Upper	
164	100		
129	93.8	68.1	126.5
131	97.9	67.7	125.7
166	133.9	92.4	171.6

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