

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040119\
 Data File : VU030599.D
 Acq On : 31 Mar 2019 18:44
 Operator : JC/SP
 Sample : K2166-05ME
 Misc : 6.16g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF107ME

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 11:06:12 AM

Quant Time: Apr 01 04:03:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 01 02:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	468256	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	469484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141734	37.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.22%
7) Chloroethane-d5	1.64	69	111955m	37.48	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.96%
11) 1,1-Dichloroethene-d2	2.23	63	222553m	31.13	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.26%
21) 2-Butanone-d5	4.19	46	308526	87.09	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.09%
24) Chloroform-d	4.64	84	268554	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.72%
26) 1,2-Dichloroethane-d4	5.30	65	193444	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
32) Benzene-d6	5.33	84	568671	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.48%
36) 1,2-Dichloropropane-d6	6.32	67	201469	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.48%
41) Toluene-d8	7.56	98	494746	40.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.84%
43) trans-1,3-Dichloropropene-	7.85	79	89794	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.92%
47) 2-Hexanone-d5	8.32	63	222109	88.98	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	312068	47.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	198323	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%

Target Compounds					Ovalue
46) Tetrachloroethene	8.22	164	34002	12.391 ug/L	96

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

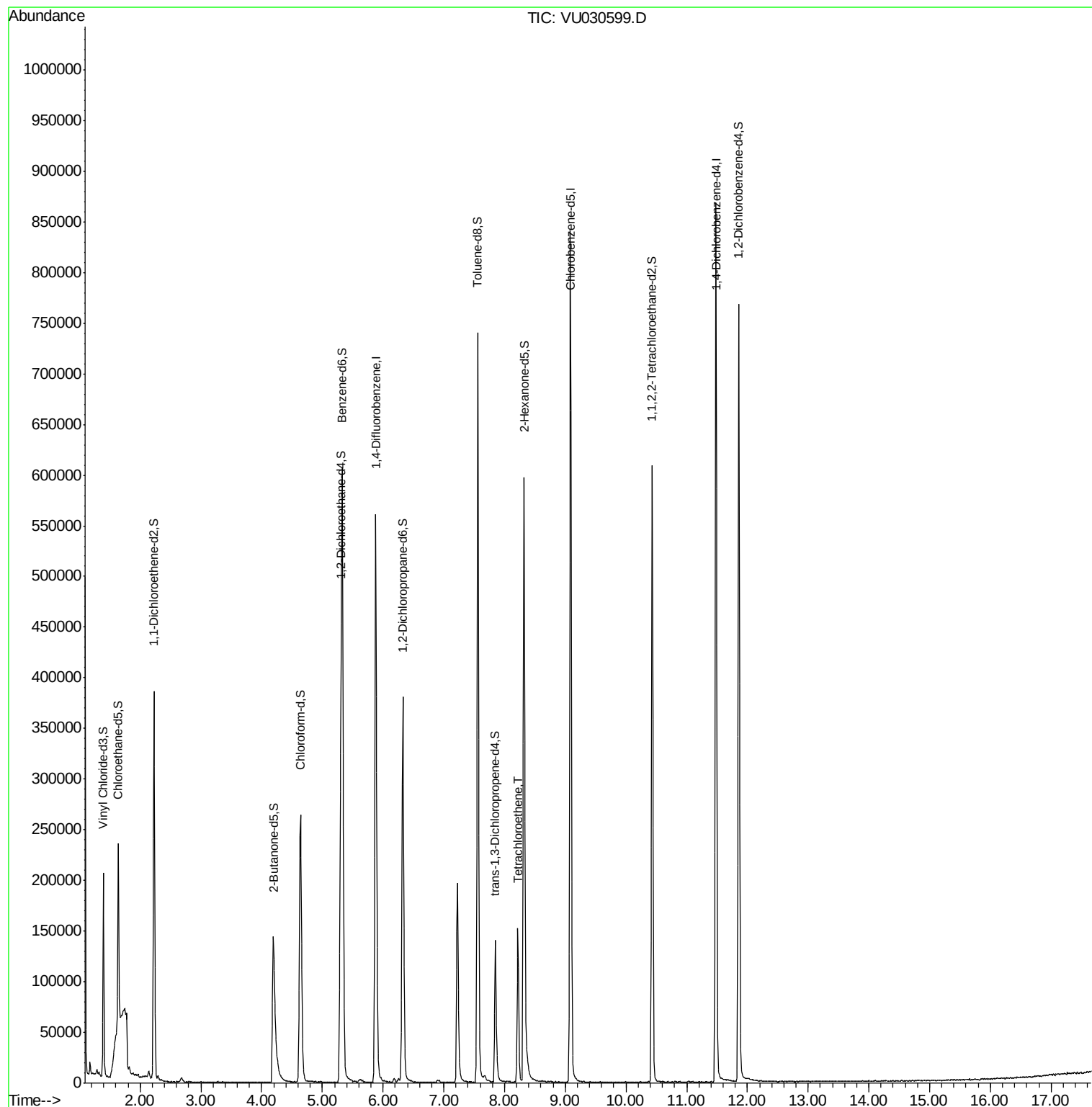
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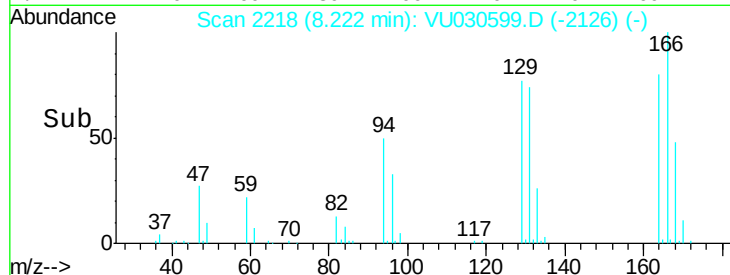
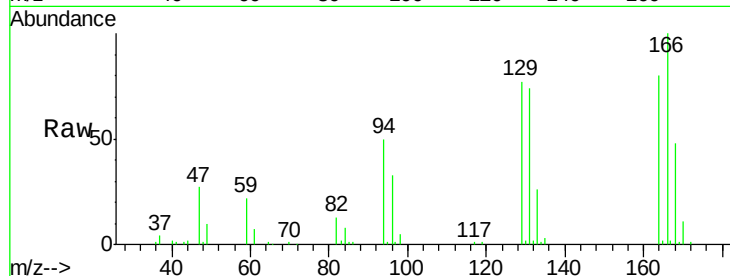
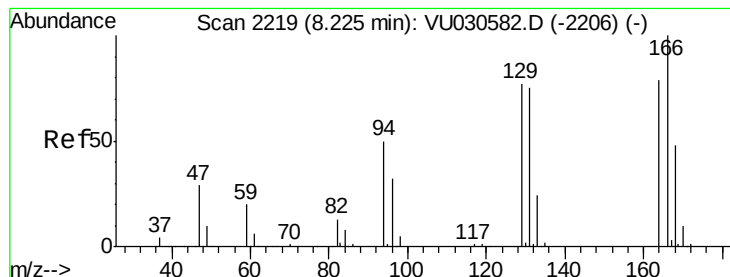
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#46

Tetrachloroethene

Concen: 12.391 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030599.D

Acq: 31 Mar 2019 18:44

Tot Ion:164 Resp: 34002

Ion Ratio Lower Upper

164 100

129 95.8 68.1 126.5

131 92.3 67.7 125.7

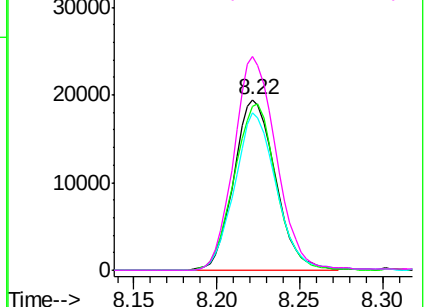
166 125.0 92.4 171.6

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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