

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
 Data File : VU034773.D
 Acq On : 24 Sep 2019 16:01
 Operator : JC/SP
 Sample : K4984-04DL 200X
 Misc : 5.38g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDK8DL

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 10:06:31 AM

Quant Time: Sep 25 04:18:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 02:59:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	492453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	462975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	213684	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	192839	38.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.50%
7) Chloroethane-d5	1.67	69	171231m	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.90%
11) 1,1-Dichloroethene-d2	2.26	63	265885	31.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.28%
21) 2-Butanone-d5	4.15	46	392864	101.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.68%
24) Chloroform-d	4.62	84	332927	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
26) 1,2-Dichloroethane-d4	5.29	65	239493	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
32) Benzene-d6	5.31	84	723243	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.31	67	251054	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.10%
41) Toluene-d8	7.54	98	685494	50.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.42%
43) trans-1,3-Dichloropropene-	7.83	79	111390	46.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.74%
47) 2-Hexanone-d5	8.29	63	266946	105.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.97%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	340103	48.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.74%
64) 1,2-Dichlorobenzene-d4	11.84	152	231392	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%

Target Compounds					Ovalue
46) Tetrachloroethene	8.21	164	94189	33.766 ug/L	99

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

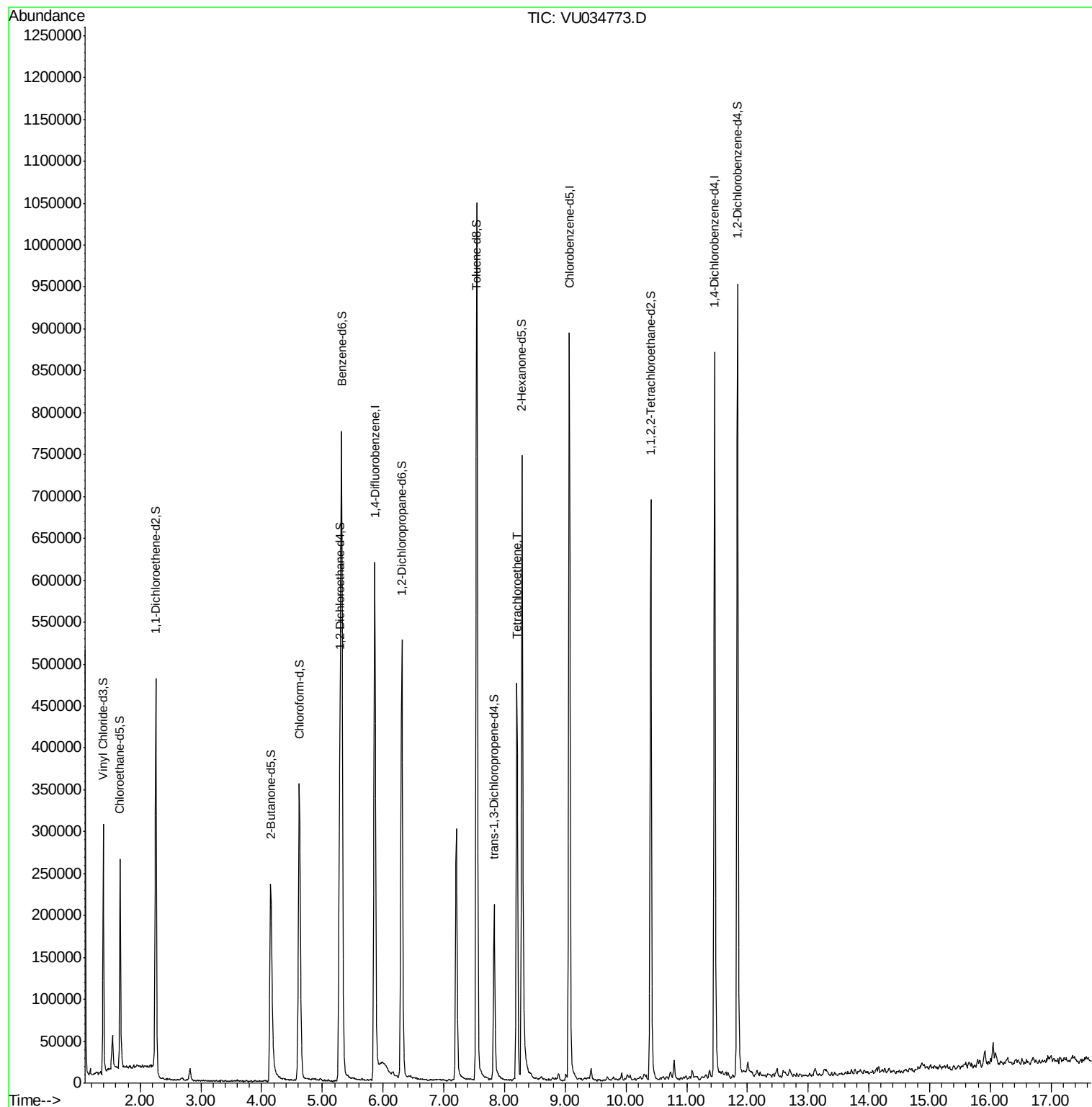
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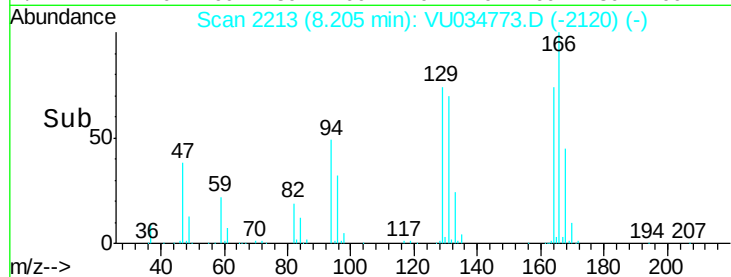
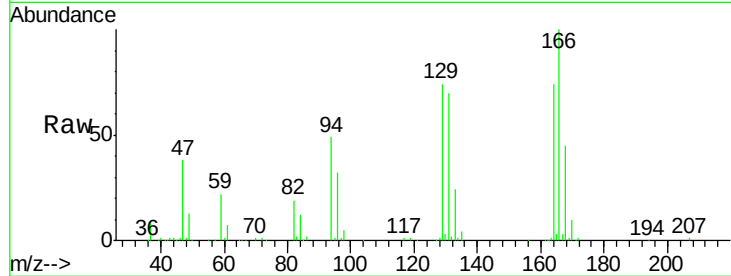
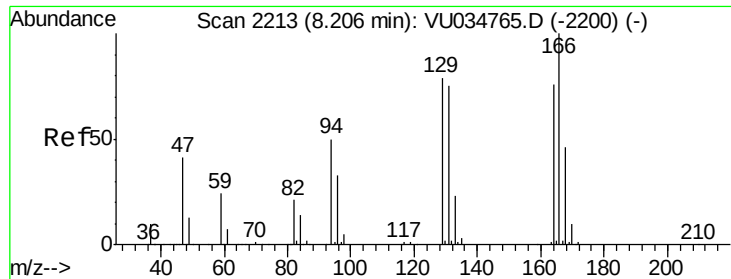
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#46

Tetrachloroethene

Concen: 33.766 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034773.D

Acq: 24 Sep 2019 16:01

Instrument :

MSVOA_U

ClientSampleId :

BEDK8DL

Tot Ion:164 Resp: 94189

Ion Ratio Lower Upper

164 100

129 100.5 71.9 133.5

131 94.8 66.3 123.1

166 135.0 93.4 173.6

Manual Integrations

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