

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031882.D
 Acq On : 10 May 2019 12:40
 Operator : JC/SP
 Sample : K2690-19ME
 Misc : 5.43g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5165ME

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 11:48:40 AM

Quant Time: May 11 01:48:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 11 00:57:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1086442	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1109007	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	458173	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	234296	25.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	51.54%#
7) Chloroethane-d5	1.64	69	139296	19.82	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.64%#
11) 1,1-Dichloroethene-d2	2.22	63	350263m	19.34	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	38.68%#
21) 2-Butanone-d5	4.20	46	602469	73.13	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.13%
24) Chloroform-d	4.64	84	540471	32.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.92%#
26) 1,2-Dichloroethane-d4	5.30	65	374908	34.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.92%#
32) Benzene-d6	5.33	84	1009516	29.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.28%#
36) 1,2-Dichloropropane-d6	6.32	67	377216	31.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	62.96%#
41) Toluene-d8	7.56	98	820274	27.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	55.30%#
43) trans-1,3-Dichloropropene-	7.85	79	150042	29.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.34%#
47) 2-Hexanone-d5	8.32	63	452159	87.19	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	654844	40.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	341027	35.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.78%#

Target Compounds					Ovalue
34) Trichloroethene	6.18	95	326637	33.048 ug/L	98
46) Tetrachloroethene	8.22	164	22283	3.307 ug/L	92

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

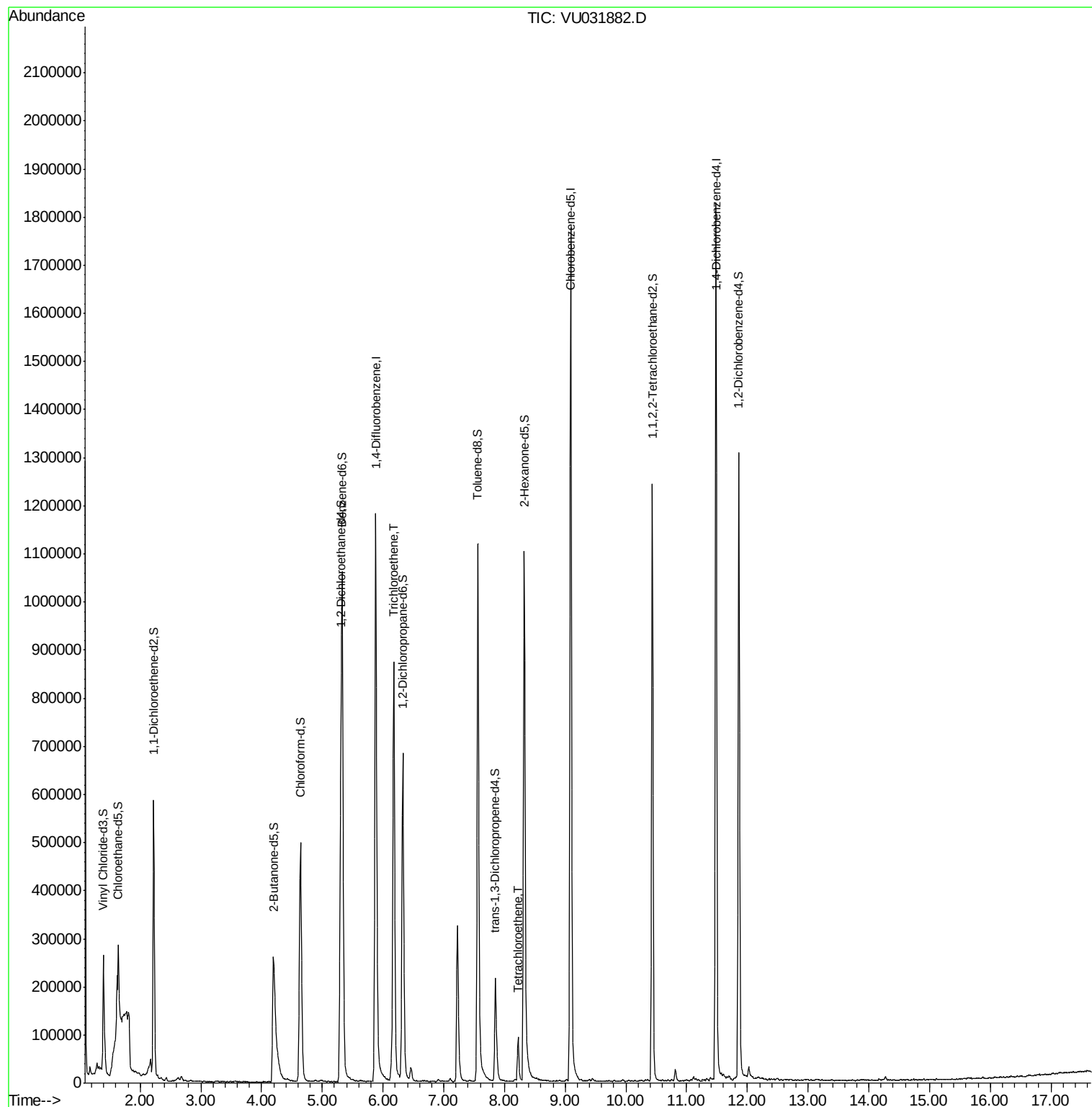
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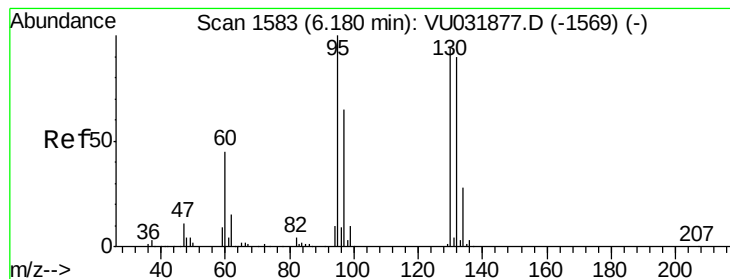
Instrument :
MSVOA_U
ClientSampleId :
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QLast Update : Sat May 11 00:57:57 2019
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#34

Trichloroethene

Concen: 33.048 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU031882.D

Acq: 10 May 2019 12:40

Instrument :

MSVOA_U

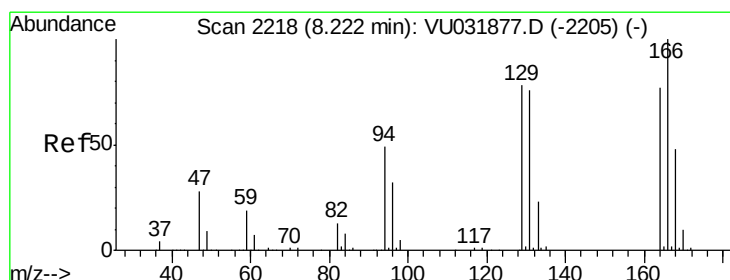
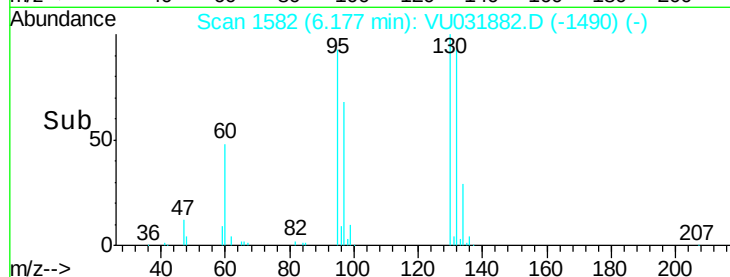
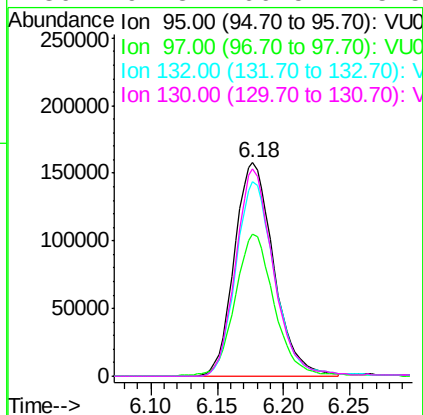
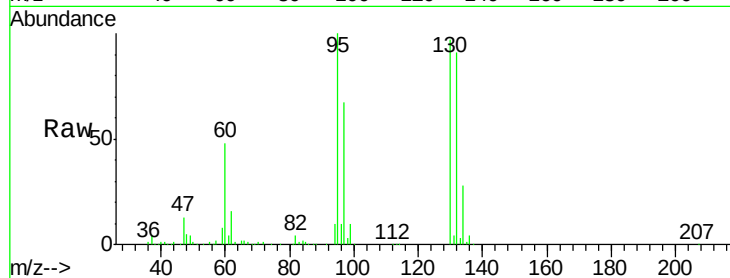
ClientSampled :

A5165ME

Tot Ion	95	Resp	326637
Ion Ratio	Lower	Upper	
95	100		
97	66.5	44.8	83.2
132	90.9	63.1	117.1
130	97.3	66.5	123.5

Manual Integrations
APPROVED

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5/11/2019 11:48:40 AM



#46

Tetrachloroethene

Concen: 3.307 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Acq: 10 May 2019 12:40

Tgt Ion	164	Resp	22283
Ion Ratio	Lower	Upper	
164	100		
129	91.7	71.5	132.9
131	87.4	69.0	128.2
166	130.3	93.7	173.9

