

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030662.D
 Acq On : 04 Apr 2019 05:22
 Operator : JC/SP
 Sample : K2246-01
 Misc : 5.91g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF148

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 11:40:06 AM

Quant Time: Apr 04 10:28:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 07:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	568090	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	549514	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	258856	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	163302	35.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.44%
7) Chloroethane-d5	1.64	69	115621m	31.91	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.82%#
11) 1,1-Dichloroethene-d2	2.24	63	255879	29.50	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.00%#
21) 2-Butanone-d5	4.19	46	316794	73.71	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.71%
24) Chloroform-d	4.64	84	283739	36.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.04%
26) 1,2-Dichloroethane-d4	5.30	65	204502	39.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.34%
32) Benzene-d6	5.33	84	648648	41.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.32%
36) 1,2-Dichloropropane-d6	6.32	67	225241	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.56%
41) Toluene-d8	7.56	98	561170	39.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.30%#
43) trans-1,3-Dichloropropene-	7.85	79	94218	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.32%
47) 2-Hexanone-d5	8.32	63	239466	81.96	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	326126	42.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	214633	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%

Target Compounds					Ovalue
34) Trichloroethene	6.19	95	6514	1.417 ug/L	85
46) Tetrachloroethene	8.22	164	193359	60.201 ug/L	98

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

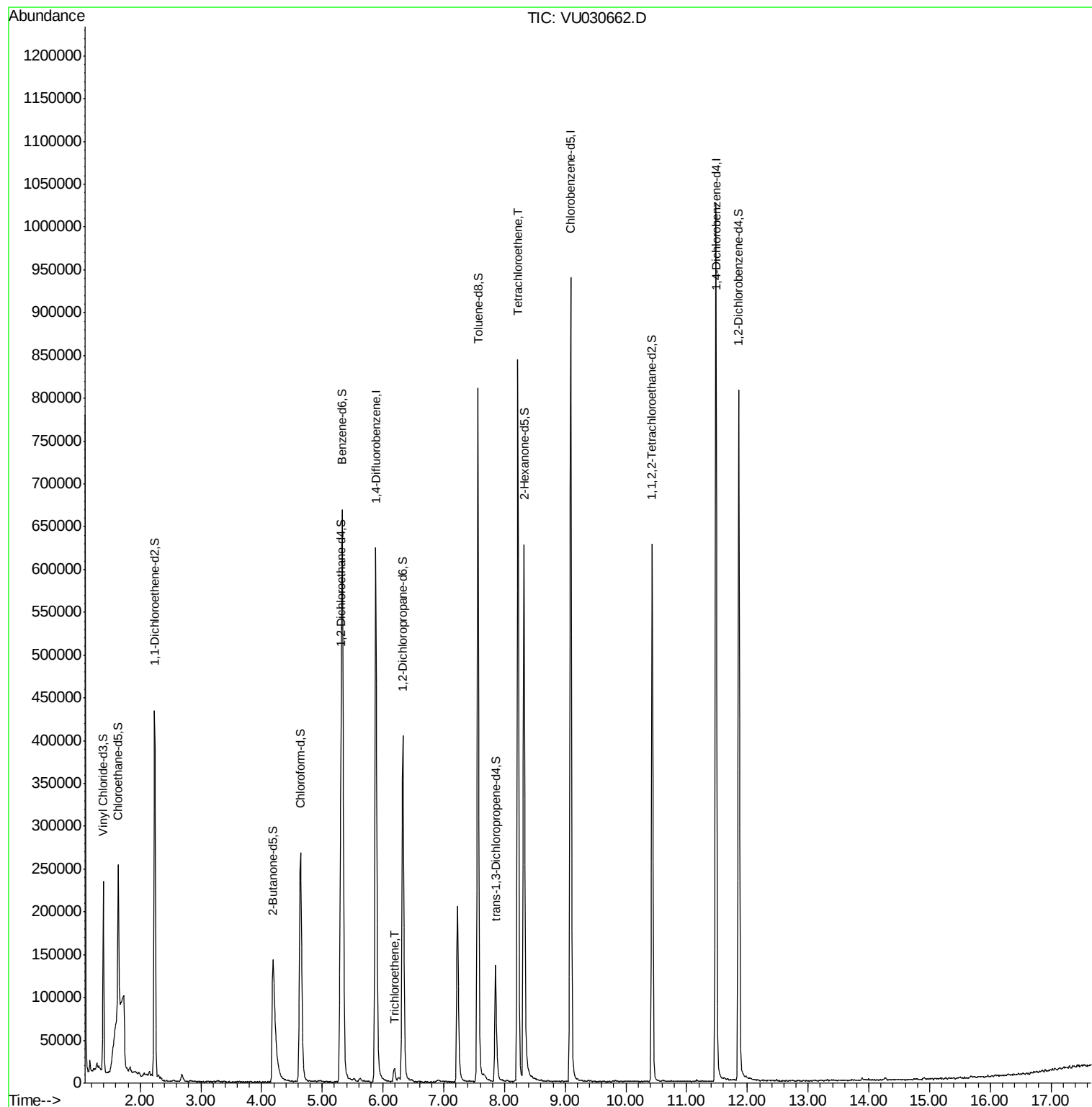
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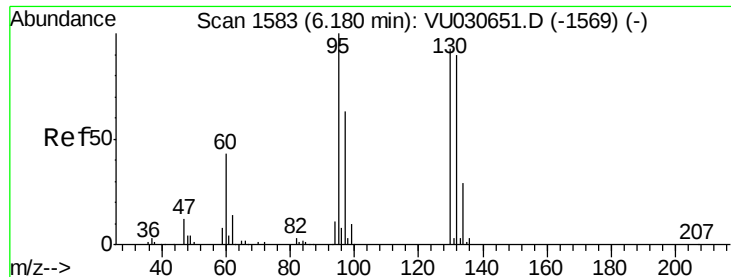
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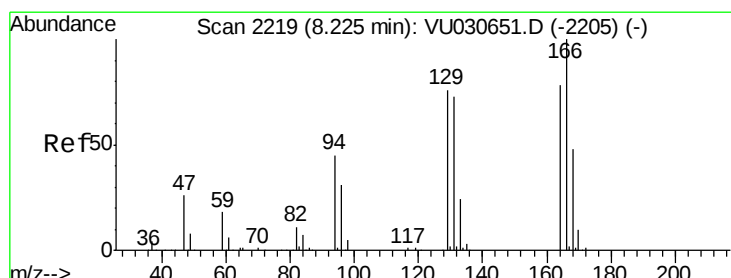
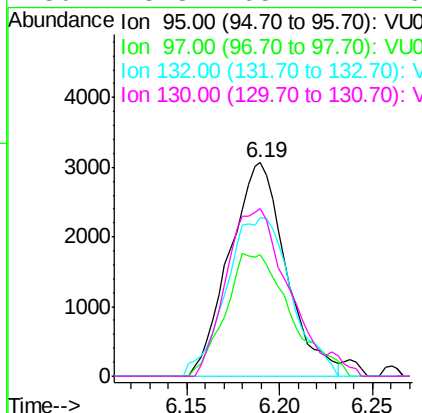
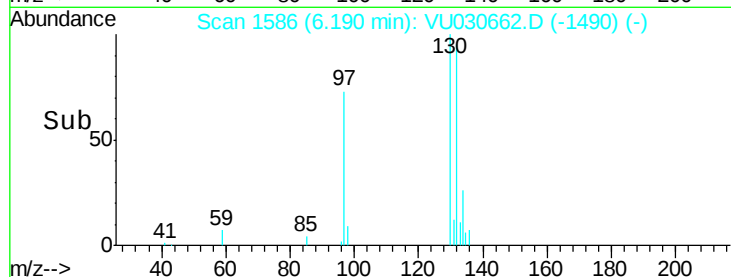
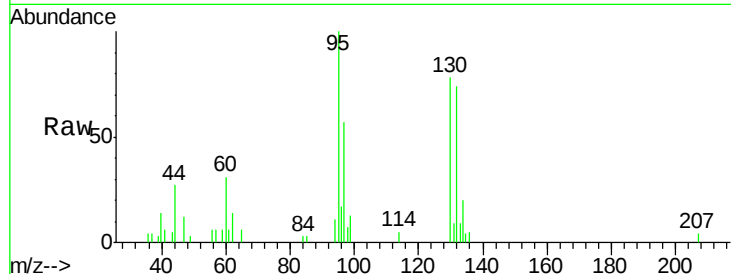
#34
 Trichloroethene
 Concen: 1.417 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU030662.D
 Acq: 04 Apr 2019 05:22

Instrument :
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Tot Ion:	95	Resp:	6514
Ion	Ratio	Lower	Upper
95	100		
97	57.2	45.7	84.9
132	74.0	63.8	118.4
130	78.3	65.7	121.9

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#46
 Tetrachloroethene
 Concen: 60.201 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU030662.D
 Acq: 04 Apr 2019 05:22

Tgt Ion:	164	Resp:	193359
Ion	Ratio	Lower	Upper
164	100		
129	98.3	68.1	126.5
131	96.5	67.7	125.7
166	128.1	92.4	171.6

