

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031418.D
 Acq On : 23 Apr 2019 02:44
 Operator : JC/SP
 Sample : K2478-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 11:35:54 AM

Quant Time: Apr 23 05:42:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 04:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	701180	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	645033	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	256298	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	265123	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.32%
7) Chloroethane-d5	1.68	69	210274	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.22%
11) 1,1-Dichloroethene-d2	2.27	63	375918	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.06%
21) 2-Butanone-d5	4.19	46	429107	101.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.02%
24) Chloroform-d	4.64	84	429338	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.31	65	270130	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
32) Benzene-d6	5.34	84	913849	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
36) 1,2-Dichloropropane-d6	6.33	67	300805	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.34%
41) Toluene-d8	7.56	98	806196	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%
43) trans-1,3-Dichloropropene-	7.85	79	123429	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.34%
47) 2-Hexanone-d5	8.31	63	298122	99.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.23%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	386627	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	260690	49.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.52%

Target Compounds					Ovalue
34) Trichloroethene	6.19	95	80989	16.382 ug/L	99
46) Tetrachloroethene	8.23	164	3670m	1.047 ug/L	

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

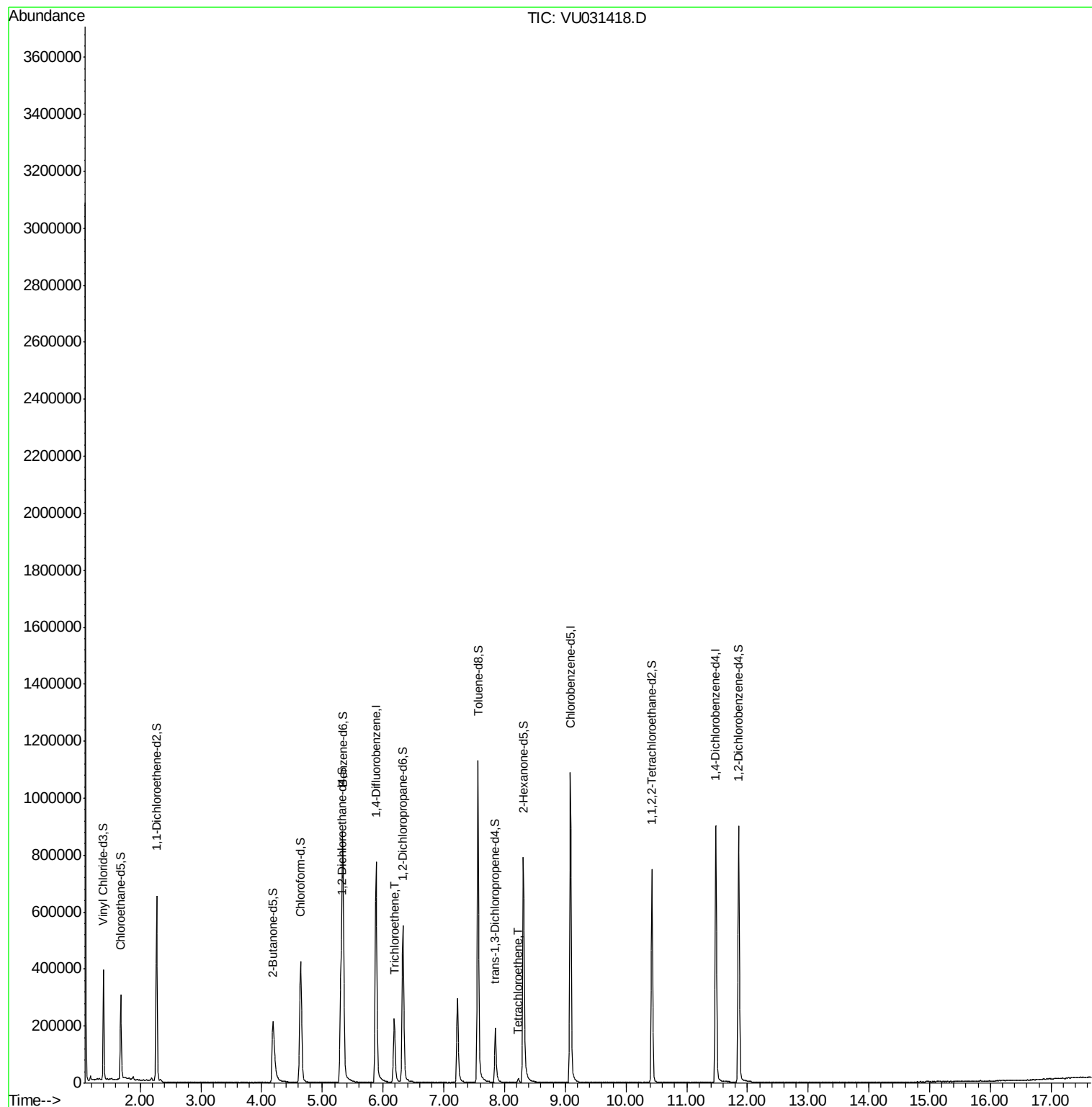
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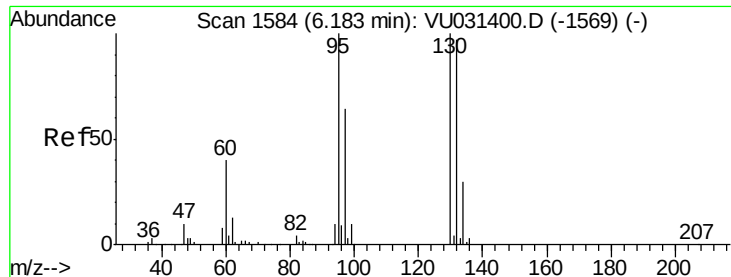
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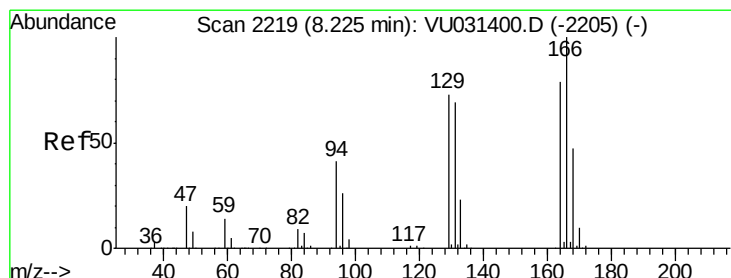
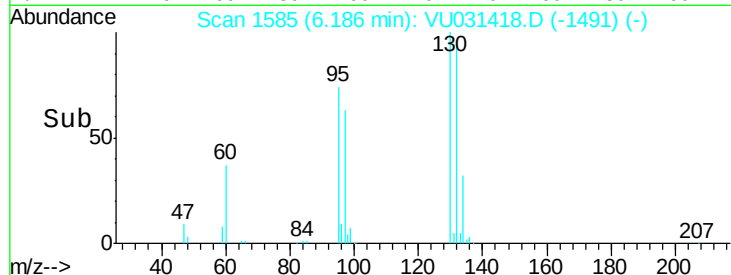
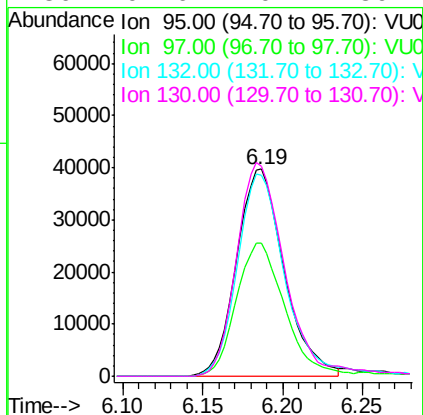
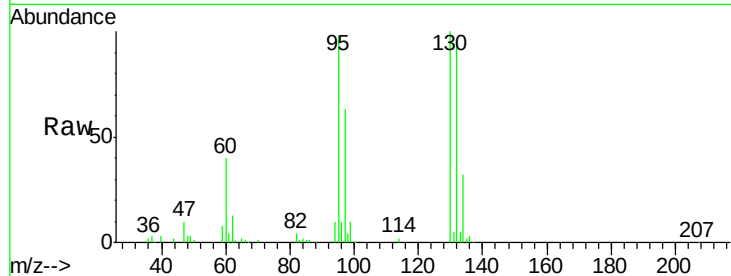
#34
 Trichloroethene
 Concen: 16.382 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU031418.D
 Acq: 23 Apr 2019 02:44

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		80989		
97	64.4	44.9	83.5		
132	96.9	68.0	126.2		
130	101.6	70.1	130.1		

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#46
 Tetrachloroethene
 Concen: 1.047 ug/L m
 RT: 8.23 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: VU031418.D
 Acq: 23 Apr 2019 02:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		3670		
129	88.1	65.2	121.0		
131	69.4	61.4	114.0		
166	102.4	89.2	165.6		

