

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU032013.D
 Acq On : 14 May 2019 22:33
 Operator : JC/SP
 Sample : K2738-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: May 15 06:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 04:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1116556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1106550	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	440884	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	425278	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.80%
7) Chloroethane-d5	1.67	69	356922	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.98%
11) 1,1-Dichloroethene-d2	2.27	63	593989	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.64%
21) 2-Butanone-d5	4.17	46	623040	90.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.81%
24) Chloroform-d	4.64	84	719661	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	5.31	65	477575	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
32) Benzene-d6	5.34	84	1564590	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
36) 1,2-Dichloropropane-d6	6.32	67	515704	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.58%
41) Toluene-d8	7.56	98	1367034	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%
43) trans-1,3-Dichloropropene-	7.85	79	206441	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.54%
47) 2-Hexanone-d5	8.31	63	399241	93.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	682627	43.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	468112	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%

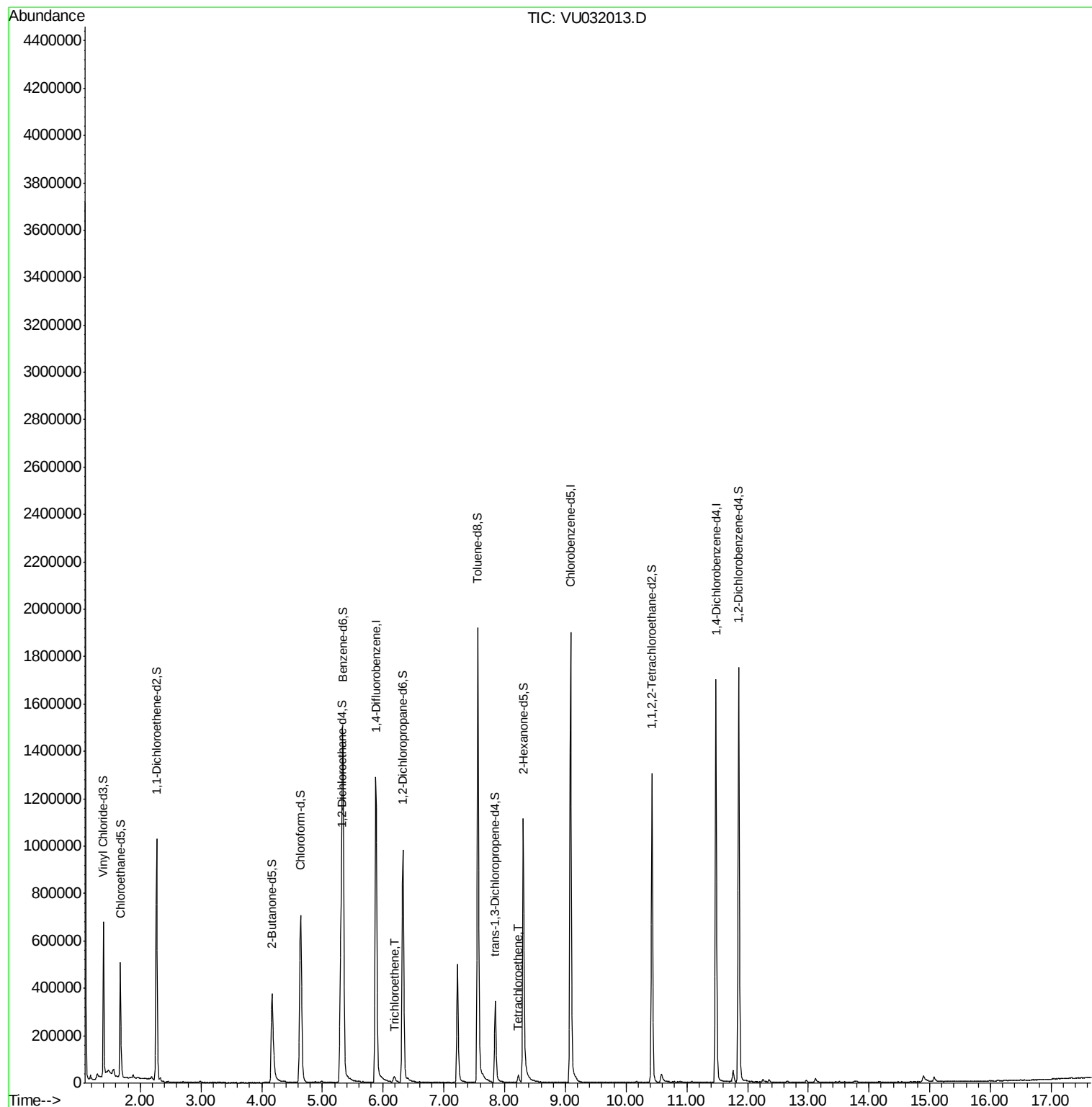
Target Compounds					Ovalue
34) Trichloroethene	6.19	95	4386	0.489 ug/L	91
46) Tetrachloroethene	8.23	164	8062	1.272 ug/L	82

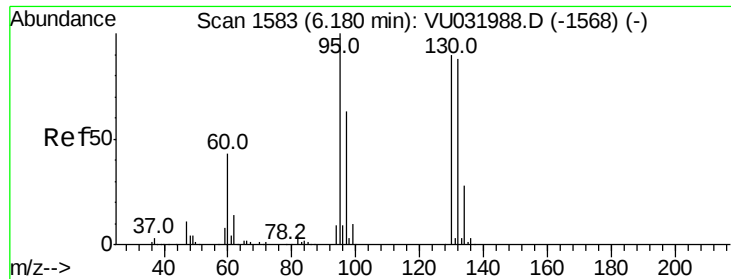
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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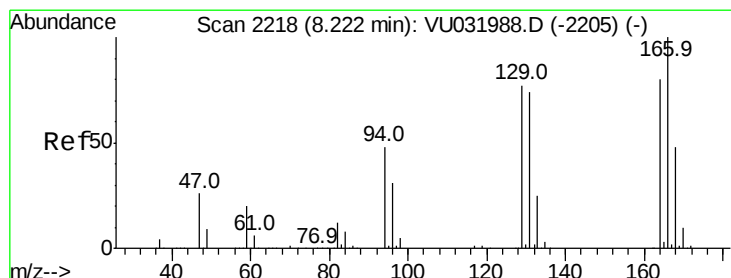
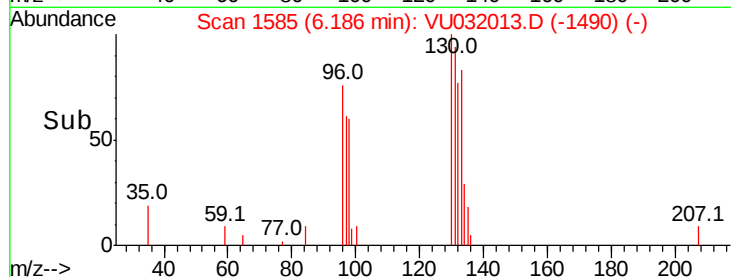
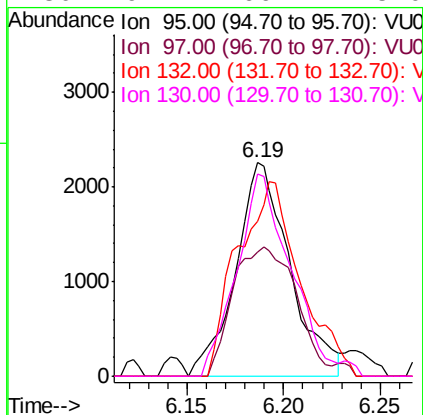
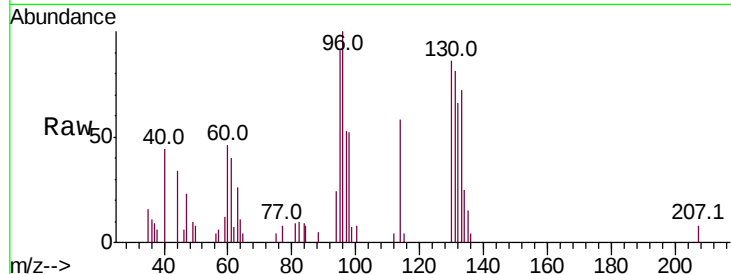




#34
 Trichloroethene
 Concen: 0.489 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU032013.D
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Tot Ion: 95 Resp: 4386
 Ion Ratio Lower Upper
 95 100
 97 58.0 44.9 83.3
 132 72.7 63.5 117.9
 130 94.7 66.2 123.0



#46
 Tetrachloroethene
 Concen: 1.272 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VU032013.D
 Acq: 14 May 2019 22:33

Tgt Ion: 164 Resp: 8062
 Ion Ratio Lower Upper
 164 100
 129 87.3 70.9 131.7
 131 72.5 67.4 125.2
 166 110.9 90.2 167.4

