

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031098.D
 Acq On : 12 Apr 2019 02:55
 Operator : JC/SP
 Sample : K2354-13 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2T4

Quant Time: Apr 12 07:49:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	511291	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214551	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	170028	37.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.50%
7) Chloroethane-d5	1.68	69	143926	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.10%
11) 1,1-Dichloroethene-d2	2.27	63	237274	28.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.48%#
21) 2-Butanone-d5	4.17	46	338008	93.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.44%
24) Chloroform-d	4.64	84	310786	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	5.30	65	219684	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.34	84	618914	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.06%
36) 1,2-Dichloropropane-d6	6.32	67	216762	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.88%
41) Toluene-d8	7.56	98	517297	39.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.32%#
43) trans-1,3-Dichloropropene-	7.85	79	92296	39.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.26%
47) 2-Hexanone-d5	8.31	63	191114	81.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313731	45.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	201530	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

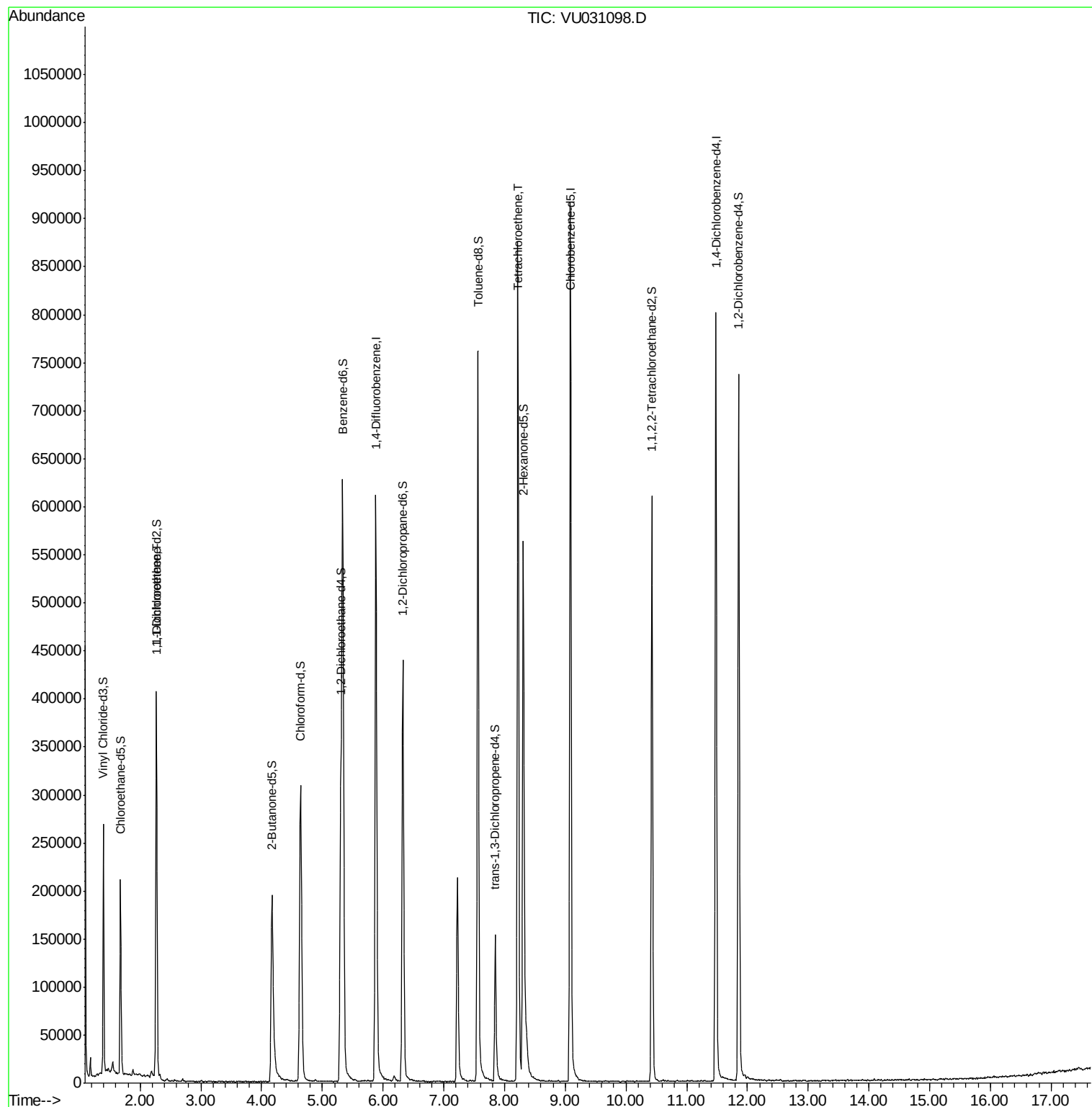
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	7969	2.255	ug/L	# 1
46) Tetrachloroethene	8.22	164	203695	68.380	ug/L	98

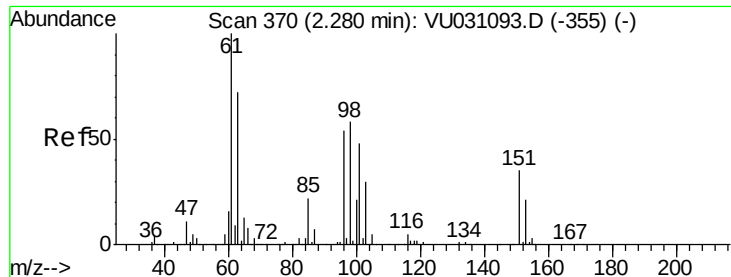
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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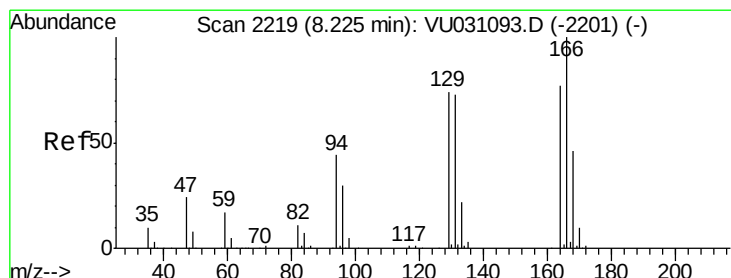
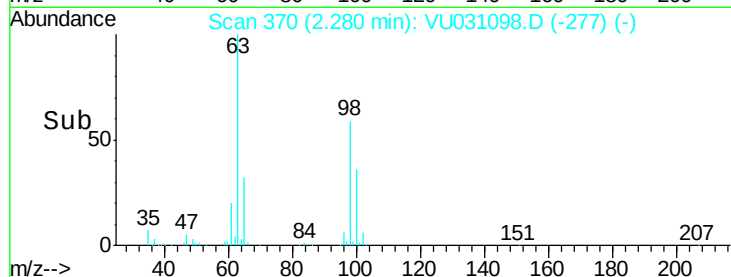
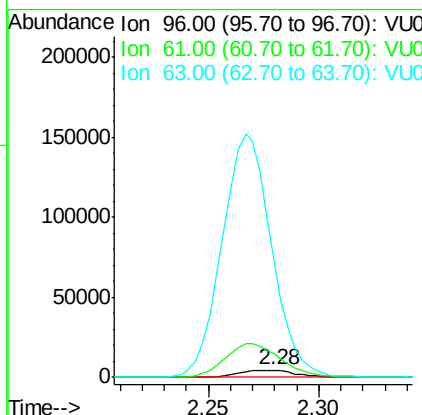
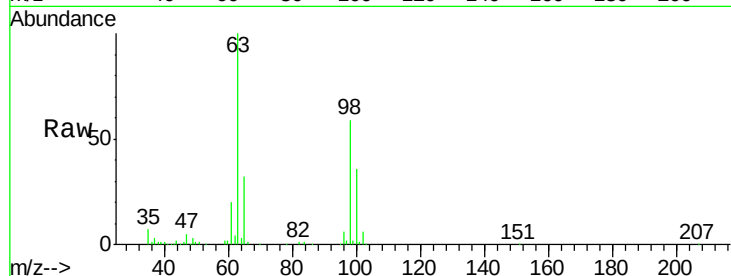




#12
 1,1-Dichloroethene
 Concen: 2.255 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VU031098.D
 Acq: 12 Apr 2019 02:55

Instrument :
 MSVOA_U
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 BF2T4

Tot Ion: 96 Resp: 7969
 Ion Ratio Lower Upper
 96 100
 61 313.4 132.0 245.2#
 63 1558.5 90.9 168.9#



#46
 Tetrachloroethene
 Concen: 68.380 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031098.D
 Acq: 12 Apr 2019 02:55

Tgt Ion: 164 Resp: 203695
 Ion Ratio Lower Upper
 164 100
 129 93.5 67.4 125.2
 131 91.1 65.9 122.5
 166 125.6 88.6 164.6

