

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090818\
 Data File : VW005236.D
 Acq On : 08 Sep 2018 04:26
 Operator : SY/AP
 Sample : VINYL CHLORIDE2.0PPB
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VINYL CHLORIDE2.0PPB

Quant Time: Sep 08 04:45:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 04 04:15:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	770593	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	792948	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	372676	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	191542	15.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.48%
7) Chloroethane-d5	2.88	69	154071	17.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.92%
10) 1,1-Dichloroethene-d2	4.02	63	225605	13.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.08%
20) 2-Butanone-d5	7.08	46	142588	44.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.26%
24) Chloroform-d	7.65	84	254854	15.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.20%
26) 1,2-Dichloroethane-d4	8.31	65	200746	21.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.40%
29) Benzene-d6	8.28	84	761493	19.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.40%
33) 1,2-Dichloropropane-d6	9.28	67	245242	21.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.28%
37) Toluene-d8	10.33	98	776274	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.84%
38) trans-1,3-Dichloropropene-	10.59	79	95009	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.12%
39) 2-Hexanone-d5	10.93	63	130103	45.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	247843	21.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	315737	22.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.12%

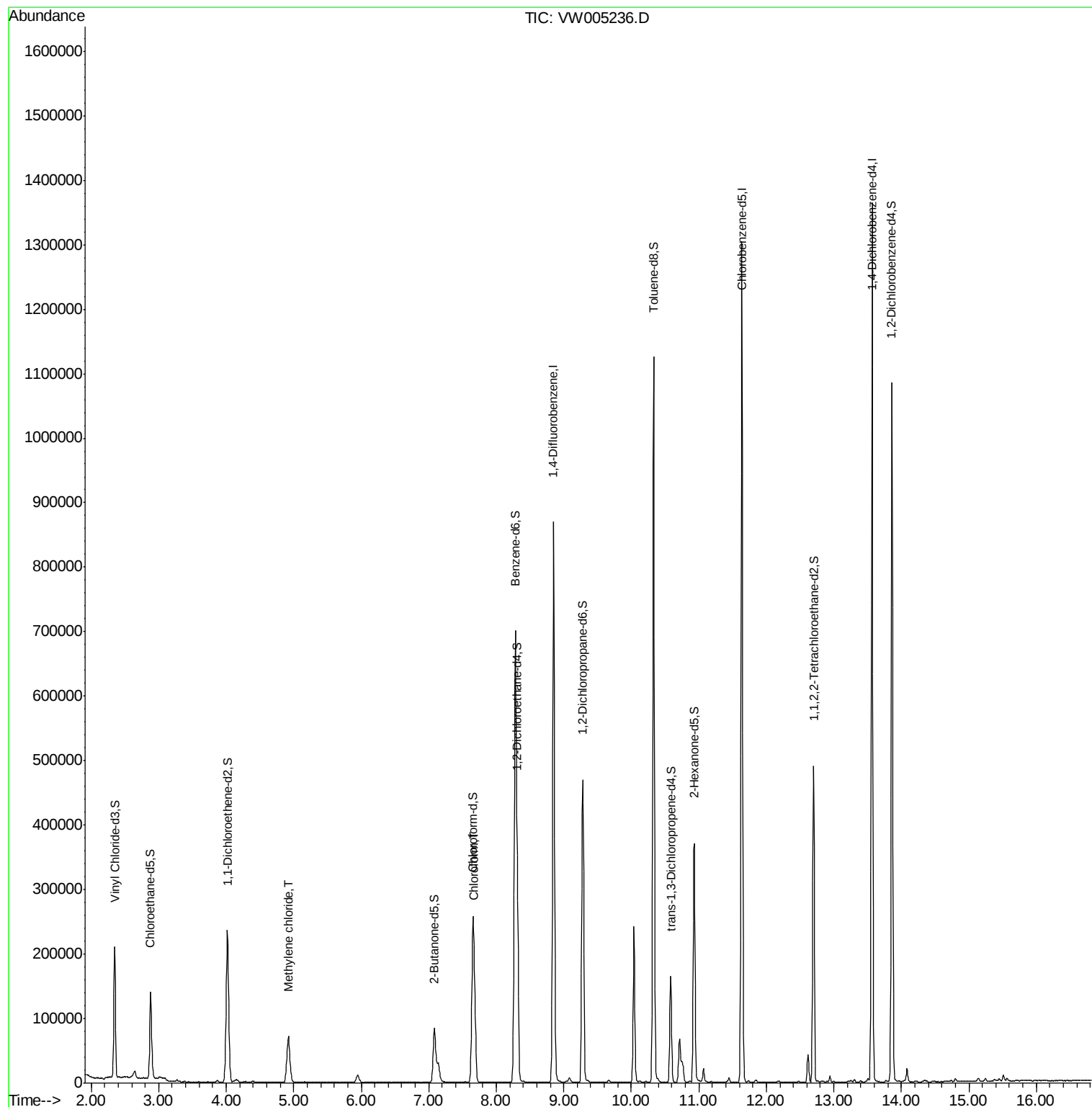
Target Compounds					Qvalue
16) Methylene chloride	4.92	84	58850	4.432 ug/L	99
25) Chloroform	7.68	83	90450	5.798 ug/L	98

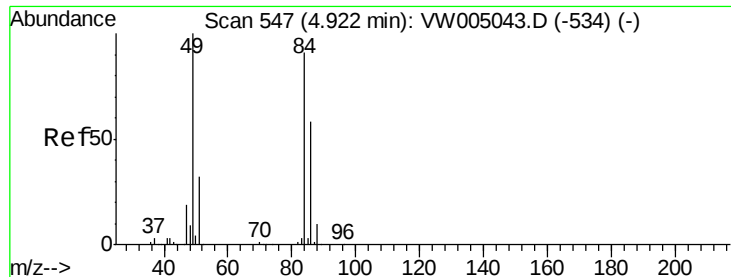
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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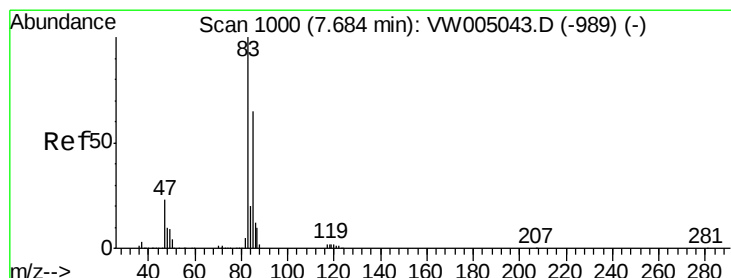
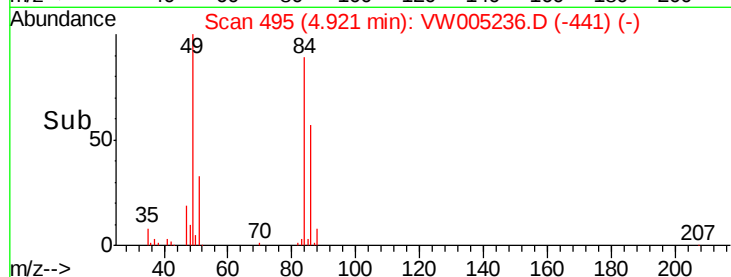
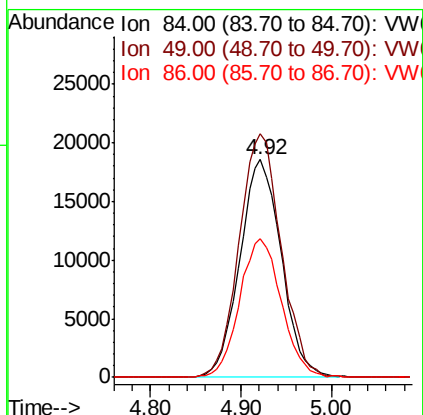
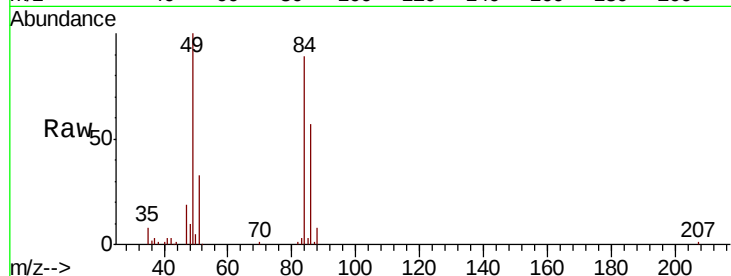




#16
Methylene chloride
Concen: 4.432 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
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Tgt Ion: 84 Resp: 58850
Ion Ratio Lower Upper
84 100
49 112.0 77.3 143.7
86 63.6 44.7 83.1



#25
Chloroform
Concen: 5.798 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW005236.D
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Tgt Ion: 83 Resp: 90450
Ion Ratio Lower Upper
83 100
85 67.2 46.0 85.4

