

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009279.D
 Acq On : 20 Mar 2019 11:33
 Operator : SY/VA
 Sample : K1986-01
 Misc : 6.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0A8

Manual Integrations
 APPROVED

MMDadoda
 3/24/2019 6:47:44 AM

Quant Time: Mar 22 06:54:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 10:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	452742	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417988	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185840	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	145225	26.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.36%
7) Chloroethane-d5	2.89	69	131076	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.84%
10) 1,1-Dichloroethene-d2	4.01	63	227576	19.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.84%
20) 2-Butanone-d5	7.07	46	86288	38.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.14%
24) Chloroform-d	7.65	84	290910	23.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	8.30	65	170292	22.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.52%
29) Benzene-d6	8.27	84	557758	24.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.80%
33) 1,2-Dichloropropane-d6	9.27	67	167940	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.32	98	505996	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	10.58	79	78738	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.56%
39) 2-Hexanone-d5	10.93	63	66303	39.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140566	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	173491	24.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.40%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	9813m	1.486 ug/L	
47) Tetrachloroethene	10.86	164	6898	1.339 ug/L	89

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

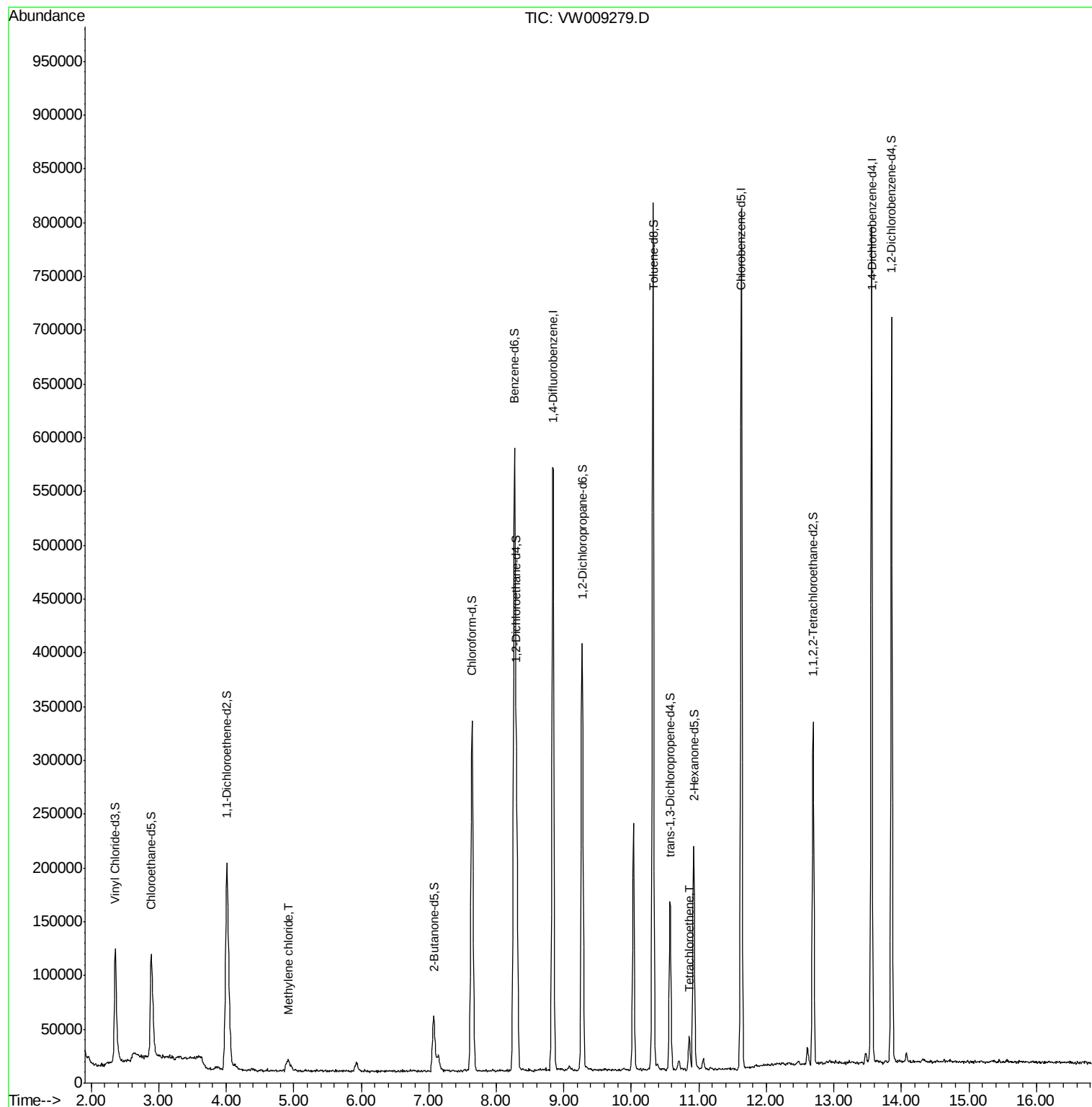
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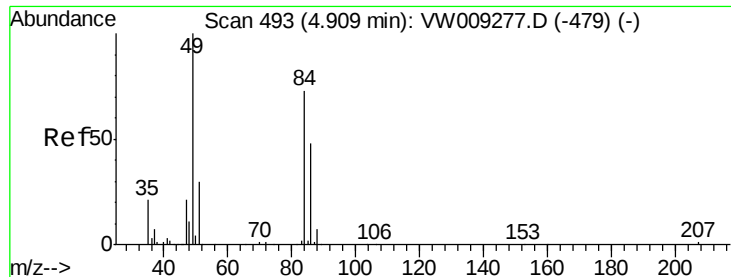
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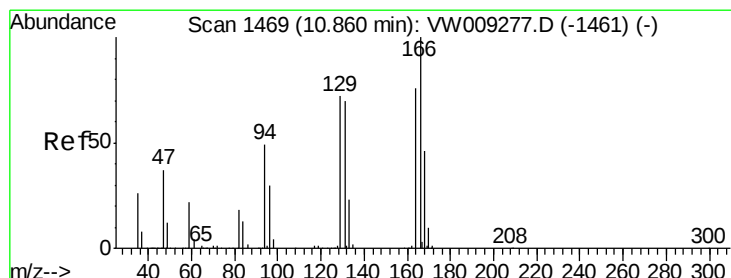
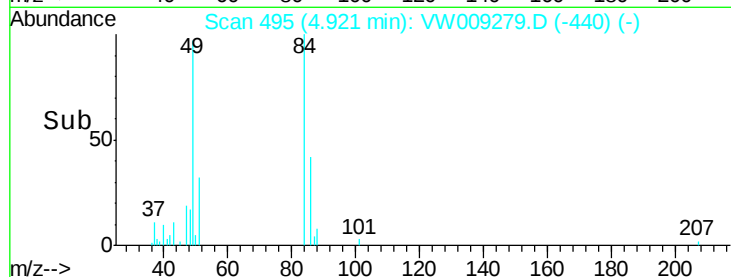
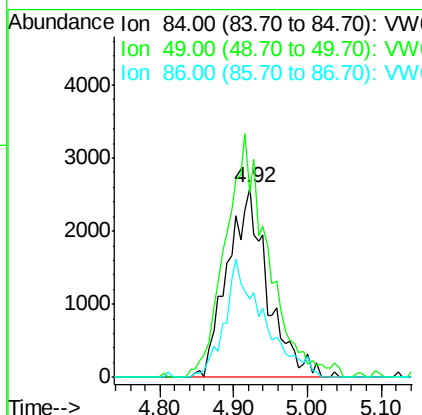
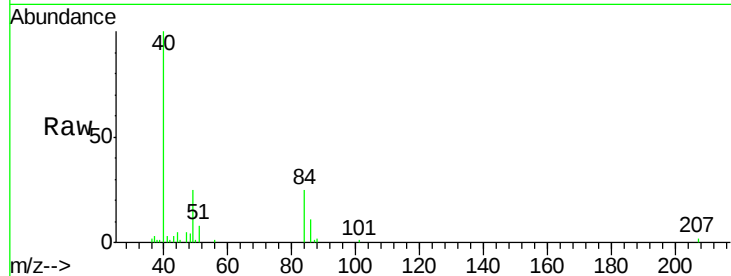
#16
Methylene chloride
Concen: 1.486 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009279.D
Acq: 20 Mar 2019 11:33

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
84	100		
49	97.4	96.0	178.2
86	41.7	44.4	82.5#

Manual Integrations
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3/24/2019 6:47:44 AM



#47
Tetrachloroethene
Concen: 1.339 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009279.D
Acq: 20 Mar 2019 11:33

Tgt Ion	Ratio	Lower	Upper
164	100		
129	78.4	66.5	123.5
131	86.8	62.6	116.3
166	117.7	91.6	170.0

