

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009285.D
 Acq On : 20 Mar 2019 14:15
 Operator : SY/VA
 Sample : K1986-07
 Misc : 6.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0W7

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:23 AM

Quant Time: Mar 22 07:16:49 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	424321	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	398436	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187122	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129947	25.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.52%
7) Chloroethane-d5	2.89	69	122248	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
10) 1,1-Dichloroethene-d2	4.01	63	201845	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.07	46	87996	41.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.92%
24) Chloroform-d	7.64	84	272037	23.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	8.30	65	159559	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.48%
29) Benzene-d6	8.27	84	520721	23.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.80%
33) 1,2-Dichloropropane-d6	9.27	67	159164	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.48%
37) Toluene-d8	10.32	98	467220	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	10.58	79	70893	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.92	63	68096	42.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140550	21.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	174514	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	11252m	1.818	ug/L	
47) Tetrachloroethene	10.86	164	32550	6.629	ug/L	91

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

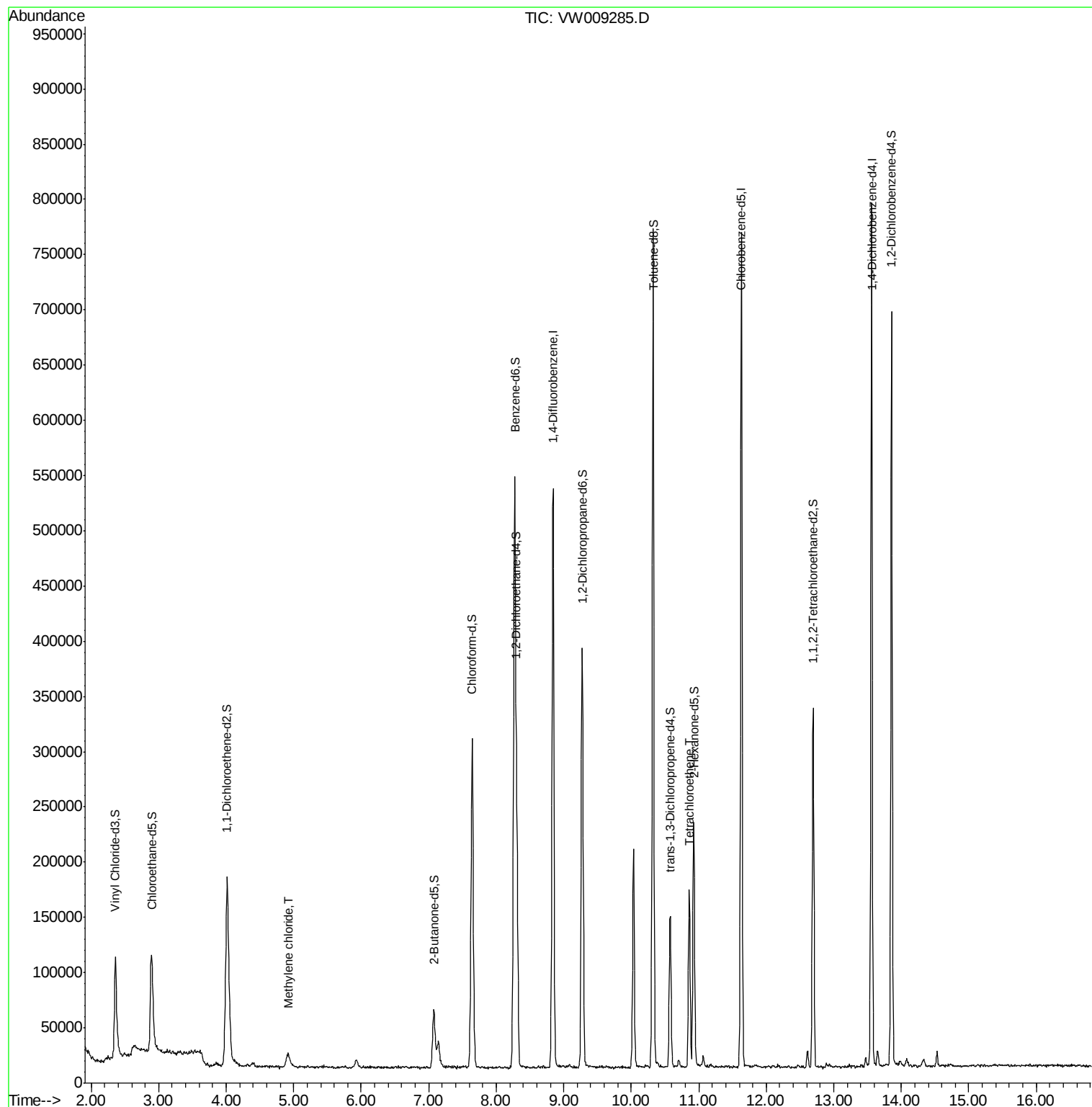
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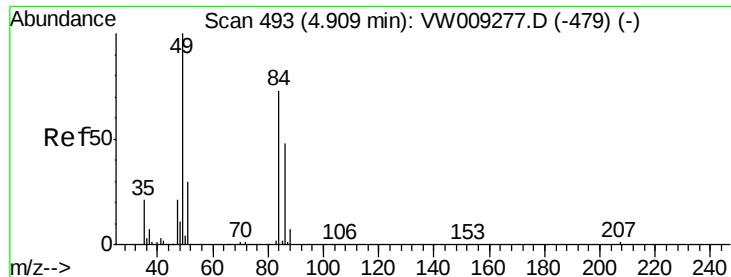
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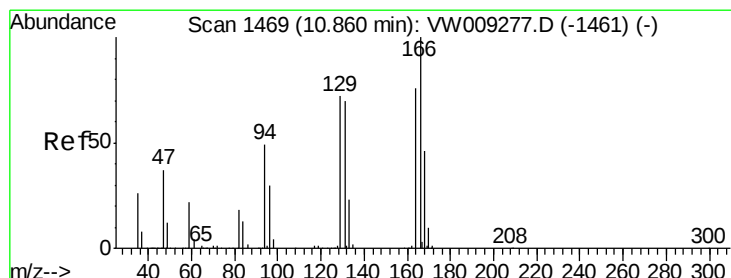
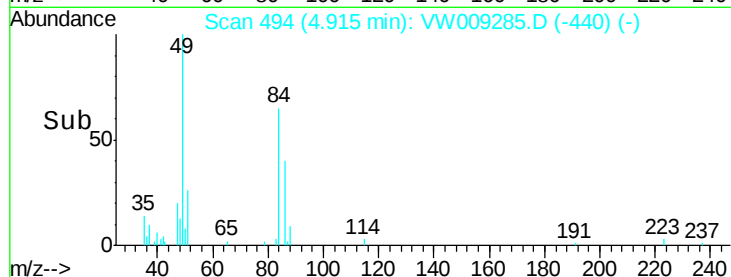
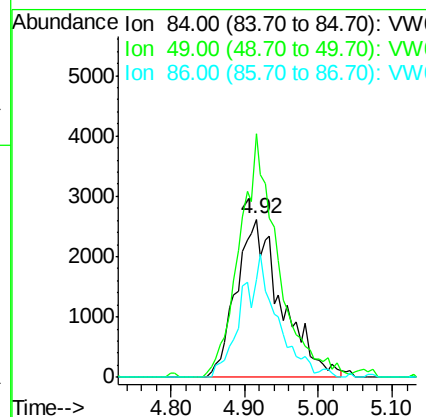
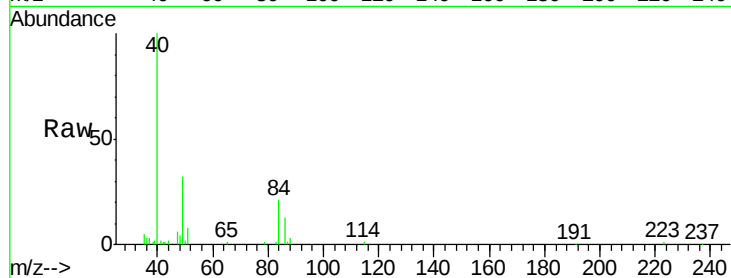
#16
Methylene chloride
Concen: 1.818 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW009285.D
Acq: 20 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampled :
BF0W7

Tot Ion	Ratio	Lower	Upper
84	100		
49	153.9	96.0	178.2
86	61.4	44.4	82.5

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#47
Tetrachloroethene
Concen: 6.629 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009285.D
Acq: 20 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
129	86.1	66.5	123.5
131	86.3	62.6	116.3
166	116.6	91.6	170.0

