

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009443.D
 Acq On : 25 Mar 2019 22:35
 Operator : SY/VA
 Sample : K2044-09
 Misc : 6.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W5

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:15:01 PM

Quant Time: Mar 26 10:07:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349275	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340350	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148556	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75638	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.48%
7) Chloroethane-d5	2.89	69	81853	16.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.04%
10) 1,1-Dichloroethene-d2	4.01	63	127953	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	7.07	46	76777	44.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.96%
24) Chloroform-d	7.65	84	207125	21.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.92%
26) 1,2-Dichloroethane-d4	8.30	65	131964m	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.92%
29) Benzene-d6	8.27	84	364874	19.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.76%
33) 1,2-Dichloropropane-d6	9.27	67	119293	21.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.64%
37) Toluene-d8	10.32	98	311115	17.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.72%
38) trans-1,3-Dichloropropene-	10.58	79	50993	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.04%
39) 2-Hexanone-d5	10.93	63	53229	38.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117551	21.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	124195	21.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.20%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	14293	2.806 ug/L	93
47) Tetrachloroethene	10.85	164	1125	0.268 ug/L #	84

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

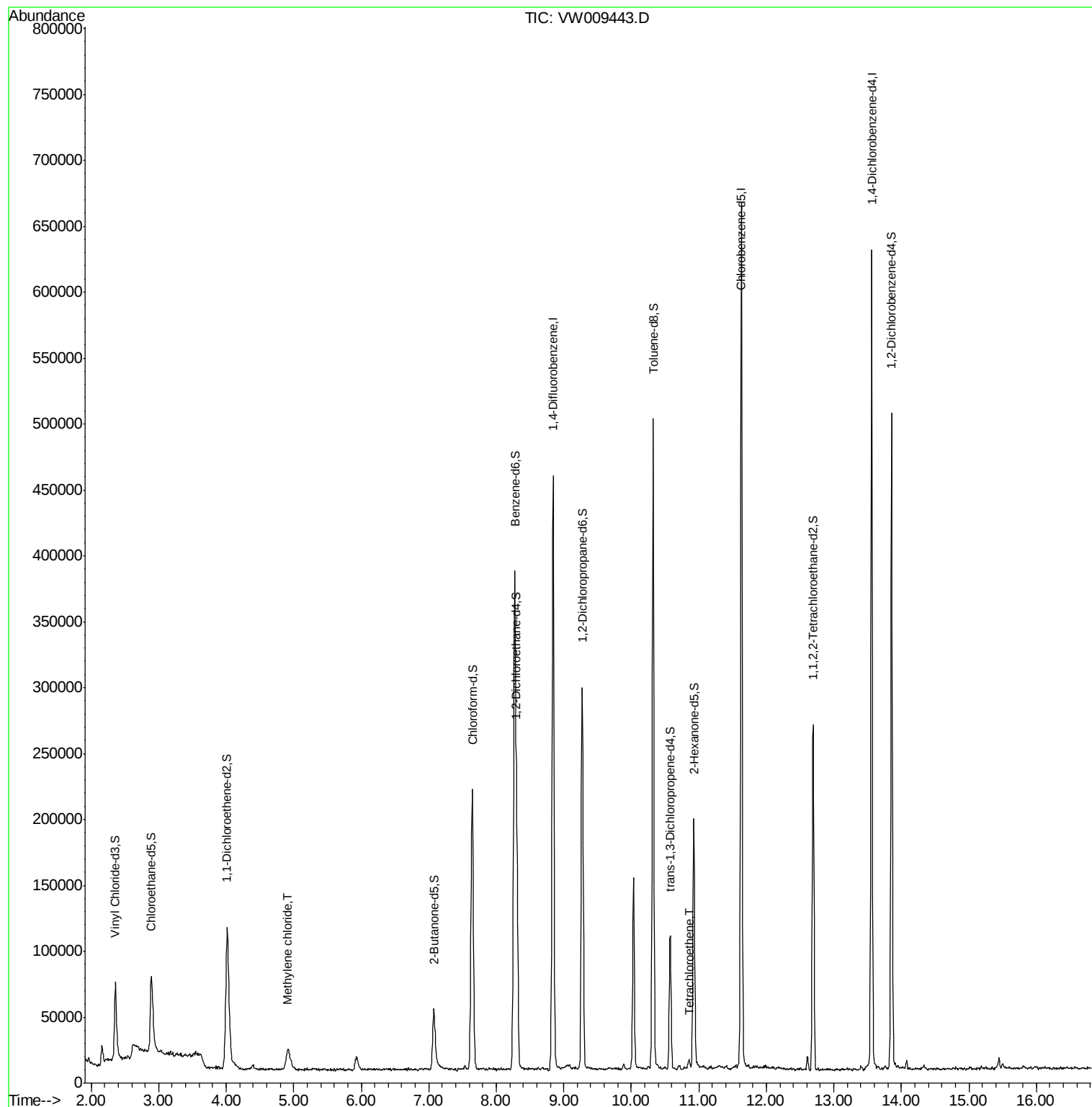
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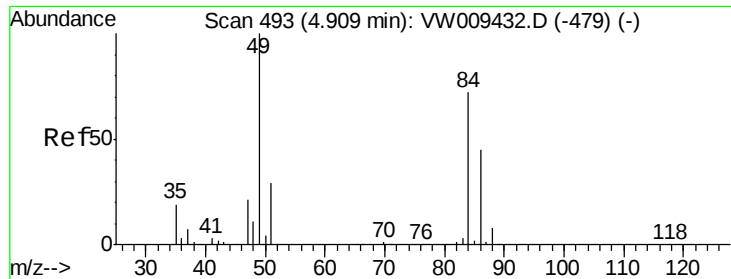
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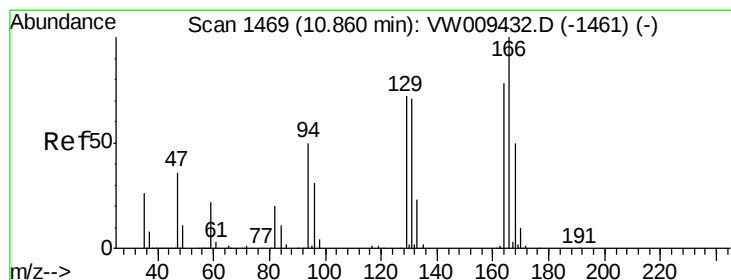
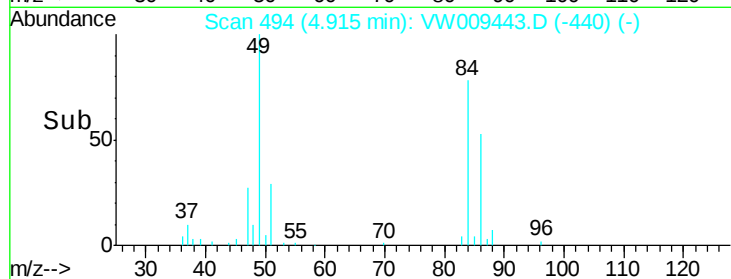
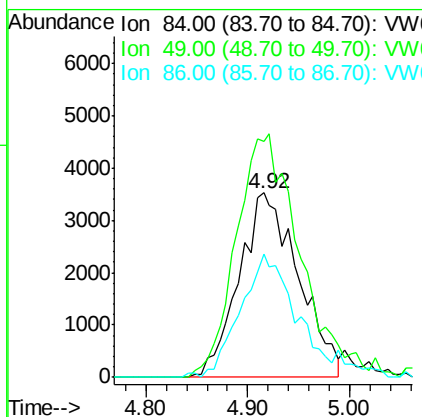
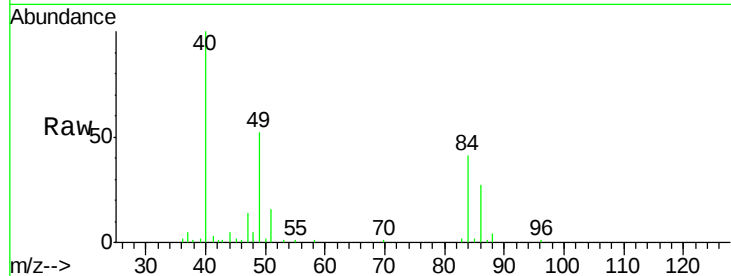
#16
Methylene chloride
Concen: 2.806 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW009443.D
Acq: 25 Mar 2019 22:35

Instrument :
MSVOA_W
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Tot Ion	Ratio	Lower	Upper
84	100		
49	127.8	96.0	178.2
86	67.1	44.4	82.5

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#47
Tetrachloroethene
Concen: 0.268 ug/L
RT: 10.85 min Scan# 1468
Delta R.T. -0.01 min
Lab File: VW009443.D
Acq: 25 Mar 2019 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
129	61.1	66.5	123.5#
131	82.0	62.6	116.3
166	139.2	91.6	170.0

