

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016262.D
 Acq On : 20 Aug 2020 12:42
 Operator : SY/VA
 Sample : L3767-06
 Misc : 6.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSR4

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:27:05 AM

Quant Time: Aug 21 03:48:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	28025	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	27355	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	8413	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	8199	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
7) Chloroethane-d5	2.89	69	7347	27.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.44%
10) 1,1-Dichloroethene-d2	4.03	63	13629	18.47	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.88%
20) 2-Butanone-d5	7.09	46	4526	49.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.00%
24) Chloroform-d	7.65	84	20277	26.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	8.31	65	10031	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	8.28	84	35317	23.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.92%
33) 1,2-Dichloropropane-d6	9.27	67	10982	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.40%
37) Toluene-d8	10.32	98	27378	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.24%
38) trans-1,3-Dichloropropene-	10.59	79	4085	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.08%
39) 2-Hexanone-d5	10.93	63	2771	36.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9812	27.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	8734	29.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.16%

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	7645m	17.276	ug/L
47) Tetrachloroethene	10.87	164	2772	8.717	ug/L

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

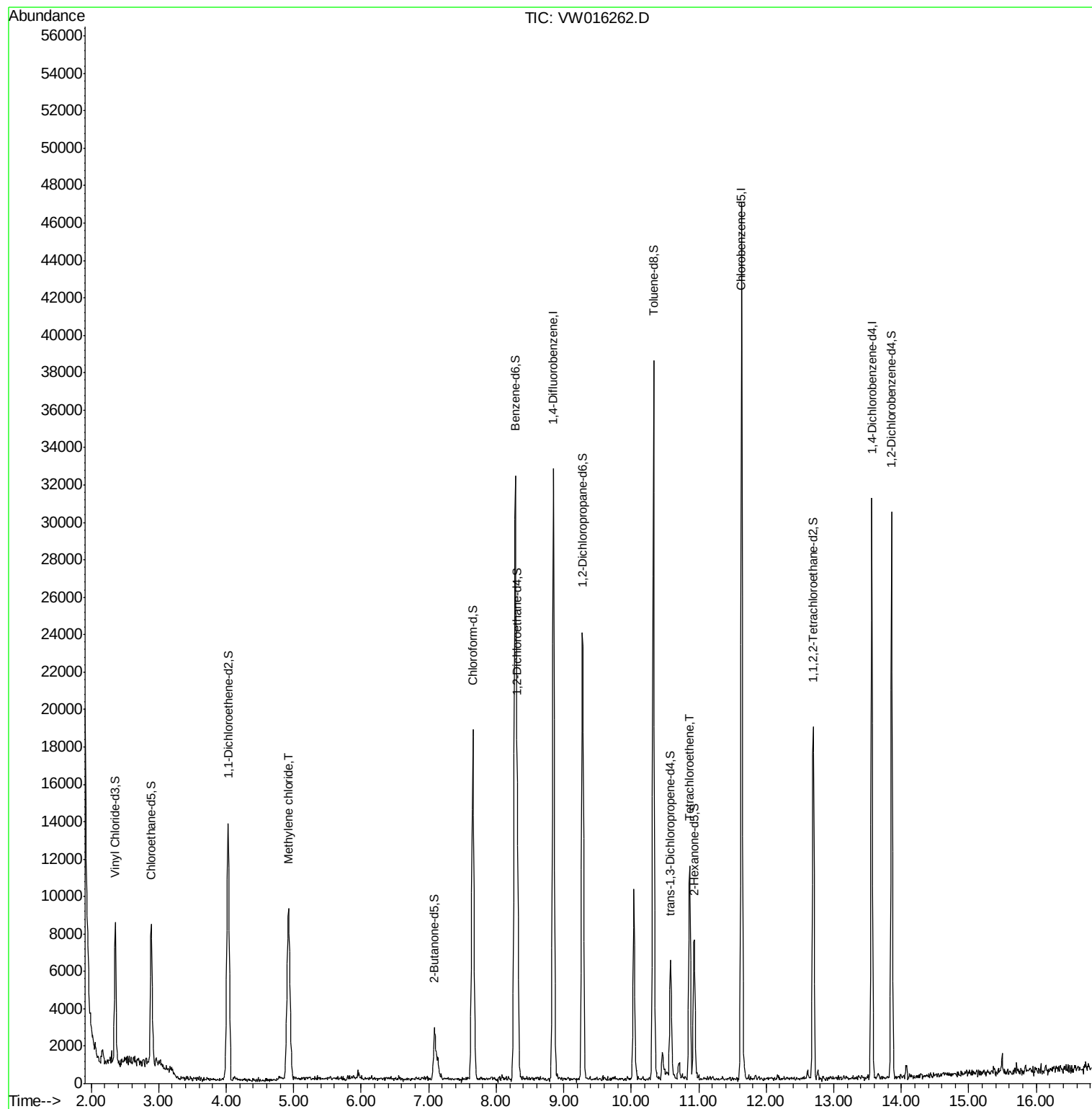
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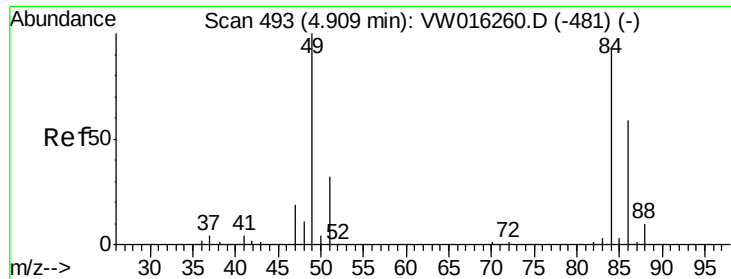
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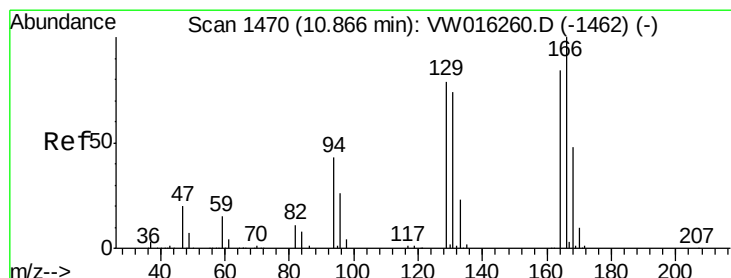
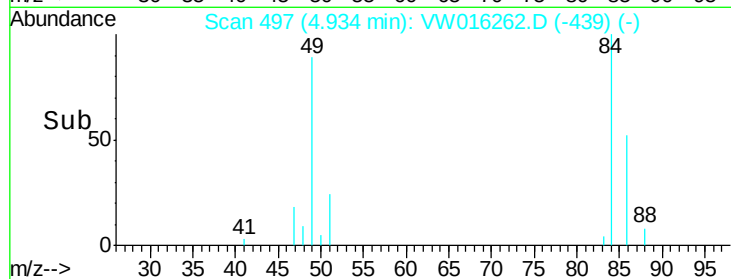
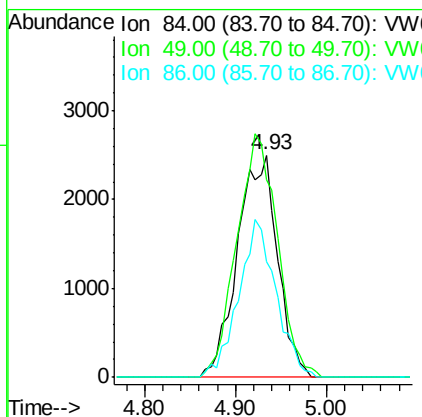
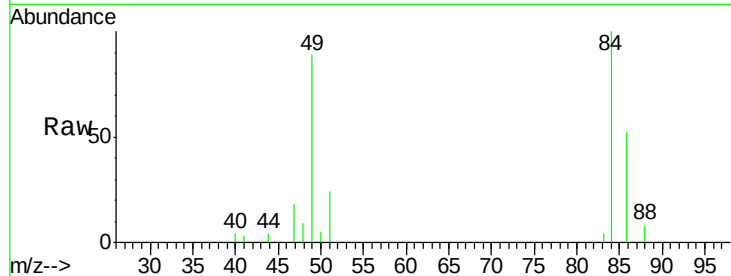
#16
Methylene chloride
Concen: 17.276 ug/L m
RT: 4.93 min Scan# 497
Delta R.T. 0.02 min
Lab File: VW016262.D
Acq: 20 Aug 2020 12:42

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Tot Ion:	84	Resp:	7645
Ion	Ratio	Lower	Upper
84	100		
49	88.8	80.4	149.4
86	51.9	43.8	81.3

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#47
Tetrachloroethene
Concen: 8.717 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
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Tgt Ion:	164	Resp:	2772
Ion	Ratio	Lower	Upper
164	100		
129	115.6	71.5	132.9
131	81.3	65.4	121.4
166	123.3	86.9	161.5

