

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016503.D
 Acq On : 09 Sep 2020 17:43
 Operator : SY/VA
 Sample : L3950-09
 Misc : 6.27G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWW5

Manual Integrations
 APPROVED

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 9/10/2020 5:17:54 PM

Quant Time: Sep 10 05:50:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 05:09:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	725155	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	633208	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	285832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	175754	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
7) Chloroethane-d5	2.90	69	152212	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.12%
10) 1,1-Dichloroethene-d2	4.03	63	273806	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.08	46	85260	31.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.06%
24) Chloroform-d	7.65	84	358611	21.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	8.31	65	190565	20.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.08%
29) Benzene-d6	8.28	84	723736	22.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.92%
33) 1,2-Dichloropropane-d6	9.28	67	202283	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.56%
37) Toluene-d8	10.33	98	692750	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.58	79	96601	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.00%
39) 2-Hexanone-d5	10.93	63	71825	37.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158861	19.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	216985	21.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.88%

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	33237m	2.937	ug/L
47) Tetrachloroethene	10.87	164	6104	0.794	ug/L

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

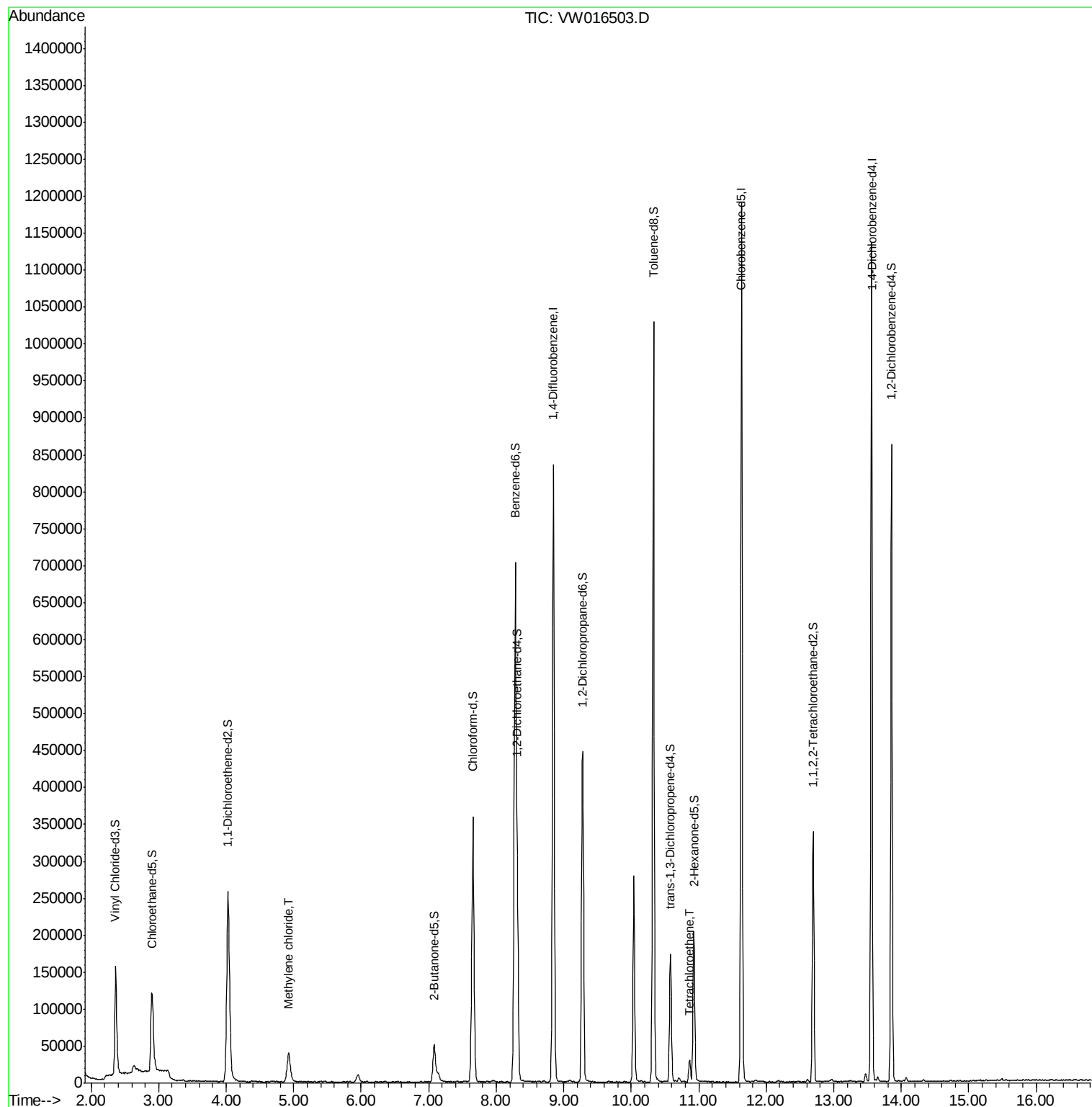
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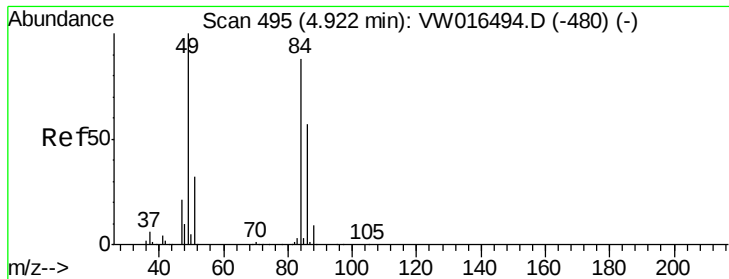
Instrument :
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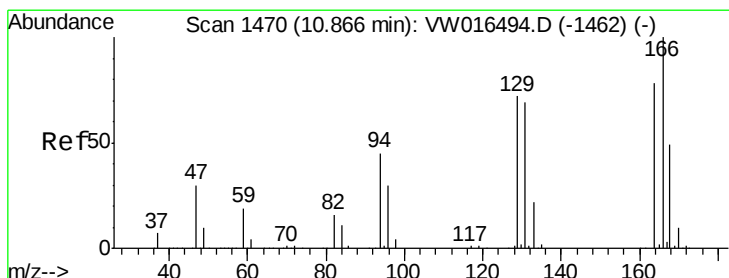
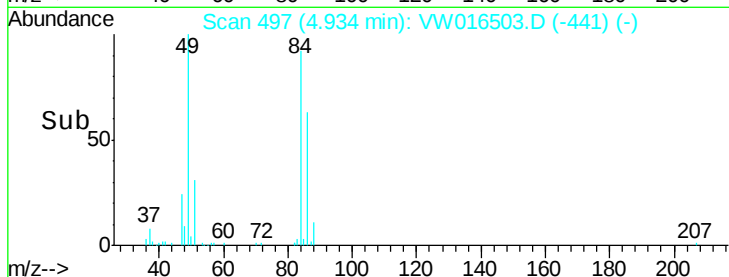
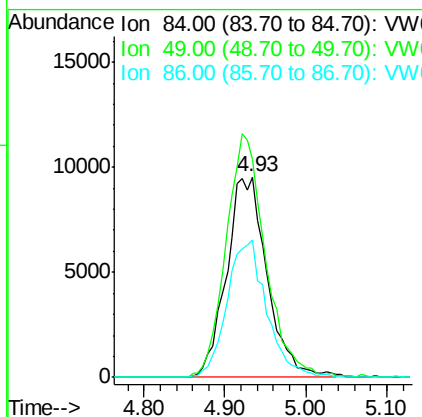
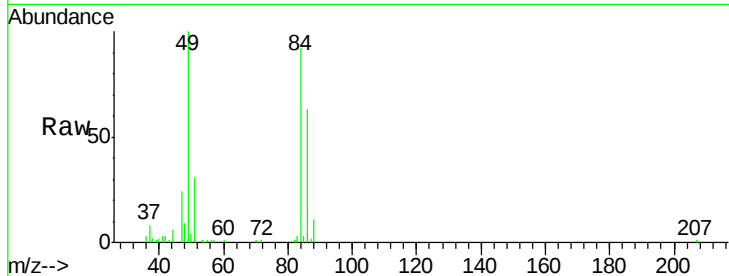
#16
Methvlene chloride
Concen: 2.937 ug/L m
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016503.D
Acq: 09 Sep 2020 17:43

Instrument :
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Tot Ion	84	Resp	33237
Ion Ratio	Lower	Upper	
84	100		
49	108.9	86.7	160.9
86	68.4	44.9	83.5

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#47
Tetrachloroethene
Concen: 0.794 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016503.D
Acq: 09 Sep 2020 17:43

Tgt Ion	164	Resp	6104
Ion Ratio	Lower	Upper	
164	100		
129	100.3	65.7	121.9
131	97.9	61.1	113.5
166	124.8	85.0	157.8

