

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101720\
 Data File : VW016932.D
 Acq On : 16 Oct 2020 16:51
 Operator : SY/VA
 Sample : VIBLK17
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK17

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:53:10 AM

Quant Time: Oct 17 22:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 17 00:37:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	554596	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	502134	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	251430	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93516	17.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.36%
7) Chloroethane-d5	2.89	69	80070	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.80%
10) 1,1-Dichloroethene-d2	4.02	63	148453	12.78	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.12%
20) 2-Butanone-d5	7.08	46	72358	58.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.78%
24) Chloroform-d	7.65	84	241262	20.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.48%
26) 1,2-Dichloroethane-d4	8.31	65	129519	22.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.68%
29) Benzene-d6	8.27	84	472564	20.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.88%
33) 1,2-Dichloropropane-d6	9.27	67	138403	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.32	98	436562	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.16%
38) trans-1,3-Dichloropropene-	10.58	79	57063	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.44%
39) 2-Hexanone-d5	10.93	63	58727	61.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136313	27.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	180084	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	8226m	1.075 ug/L	
47) Tetrachloroethene	10.87	164	5787	0.818 ug/L	94

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

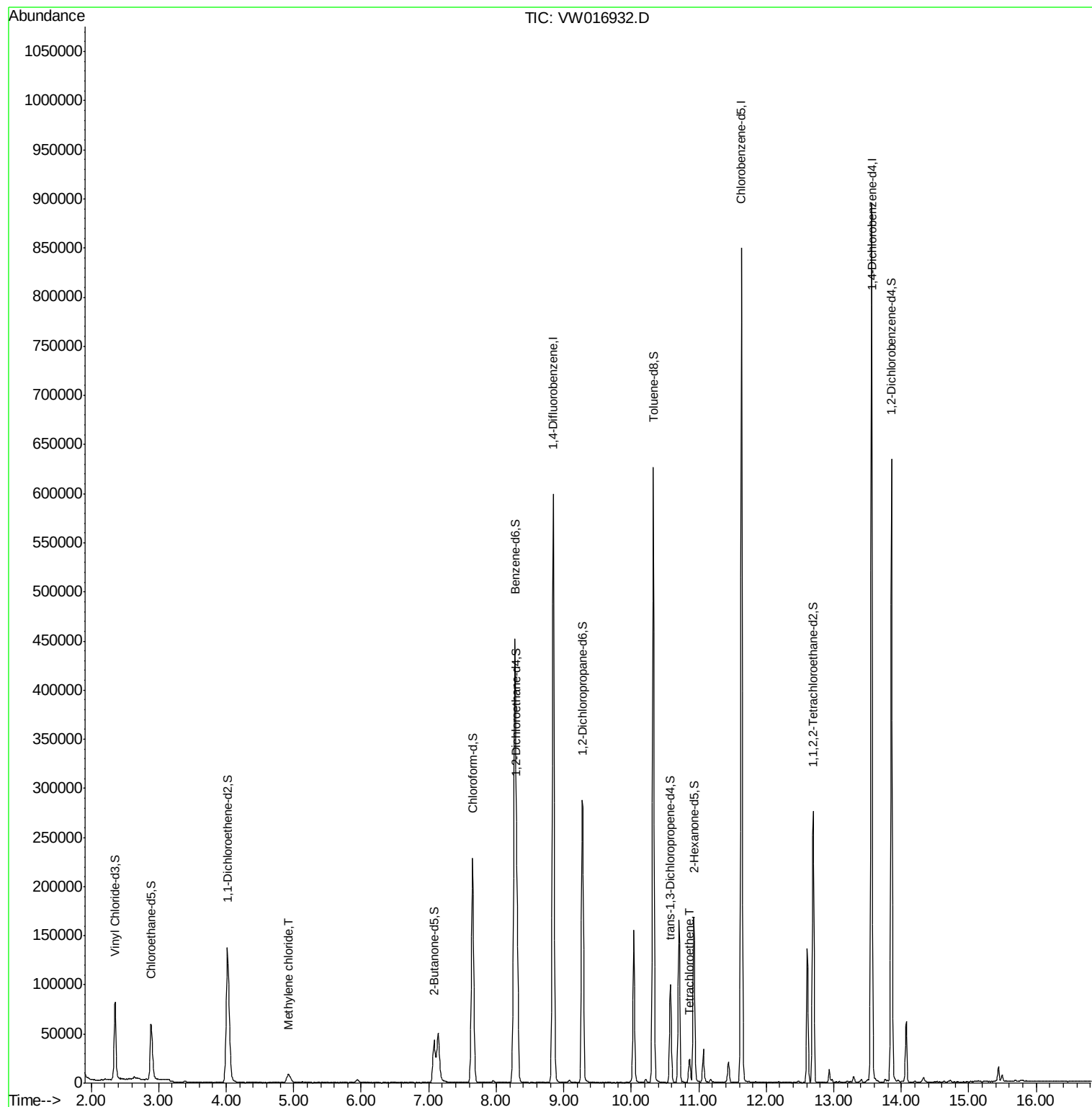
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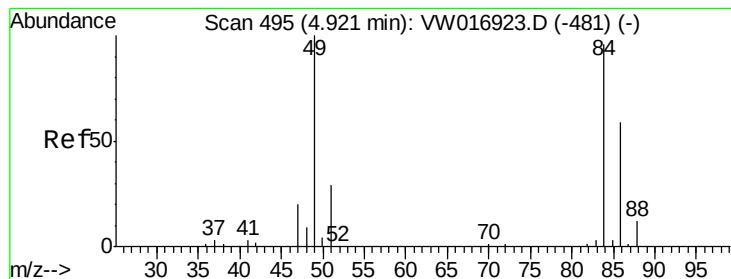
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#16

Methylene chloride

Concen: 1.075 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW016932.D

Acq: 16 Oct 2020 16:51

Instrument :

MSVOA_W

ClientSampled :

VIBLK17

Tot Ion: 84 Resp: 8226

Ion Ratio Lower Upper

84 100

49 109.7 73.1 135.8

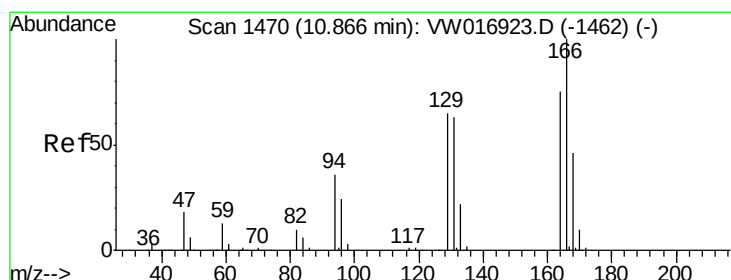
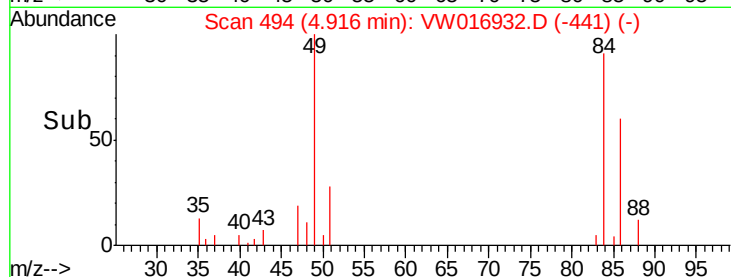
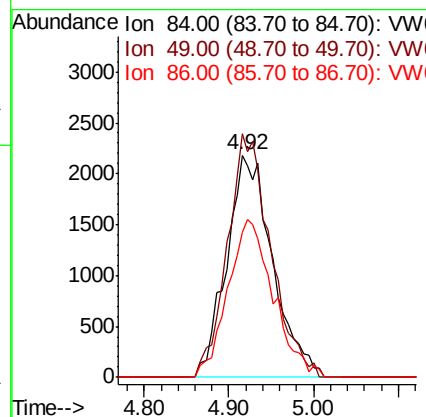
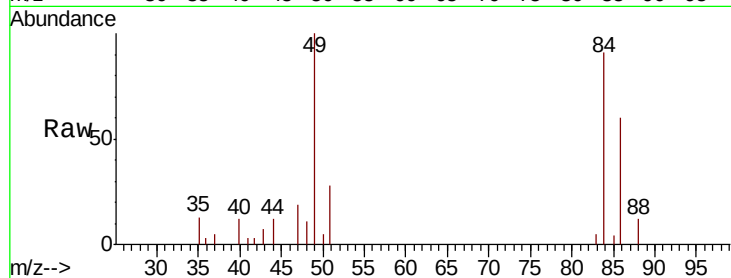
86 65.6 46.0 85.4

Manual Integrations

APPROVED

MMDadoda

10/19/2020 11:53:10 AM



#47

Tetrachloroethene

Concen: 0.818 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016932.D

Acq: 16 Oct 2020 16:51

Tgt Ion: 164 Resp: 5787

Ion Ratio Lower Upper

164 100

129 91.6 61.7 114.7

131 90.1 59.7 110.9

166 115.7 88.3 164.1

