

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016980.D
 Acq On : 23 Oct 2020 13:56
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 12:30:55 PM

Quant Time: Oct 24 01:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	535660	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	486485	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225823	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	153649	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.44%
7) Chloroethane-d5	2.89	69	116781	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
10) 1,1-Dichloroethene-d2	4.03	63	217346	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.28%
20) 2-Butanone-d5	7.09	46	51364	44.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.22%
24) Chloroform-d	7.65	84	288419	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	8.31	65	140211	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.44%
29) Benzene-d6	8.28	84	604524	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	9.28	67	162759	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.52%
37) Toluene-d8	10.33	98	578591	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	10.58	79	64928	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.72%
39) 2-Hexanone-d5	10.93	63	43928	46.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119613	23.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	203059	25.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.32%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	5207m	0.735 ug/L	
47) Tetrachloroethene	10.87	164	2609	0.381 ug/L	92

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

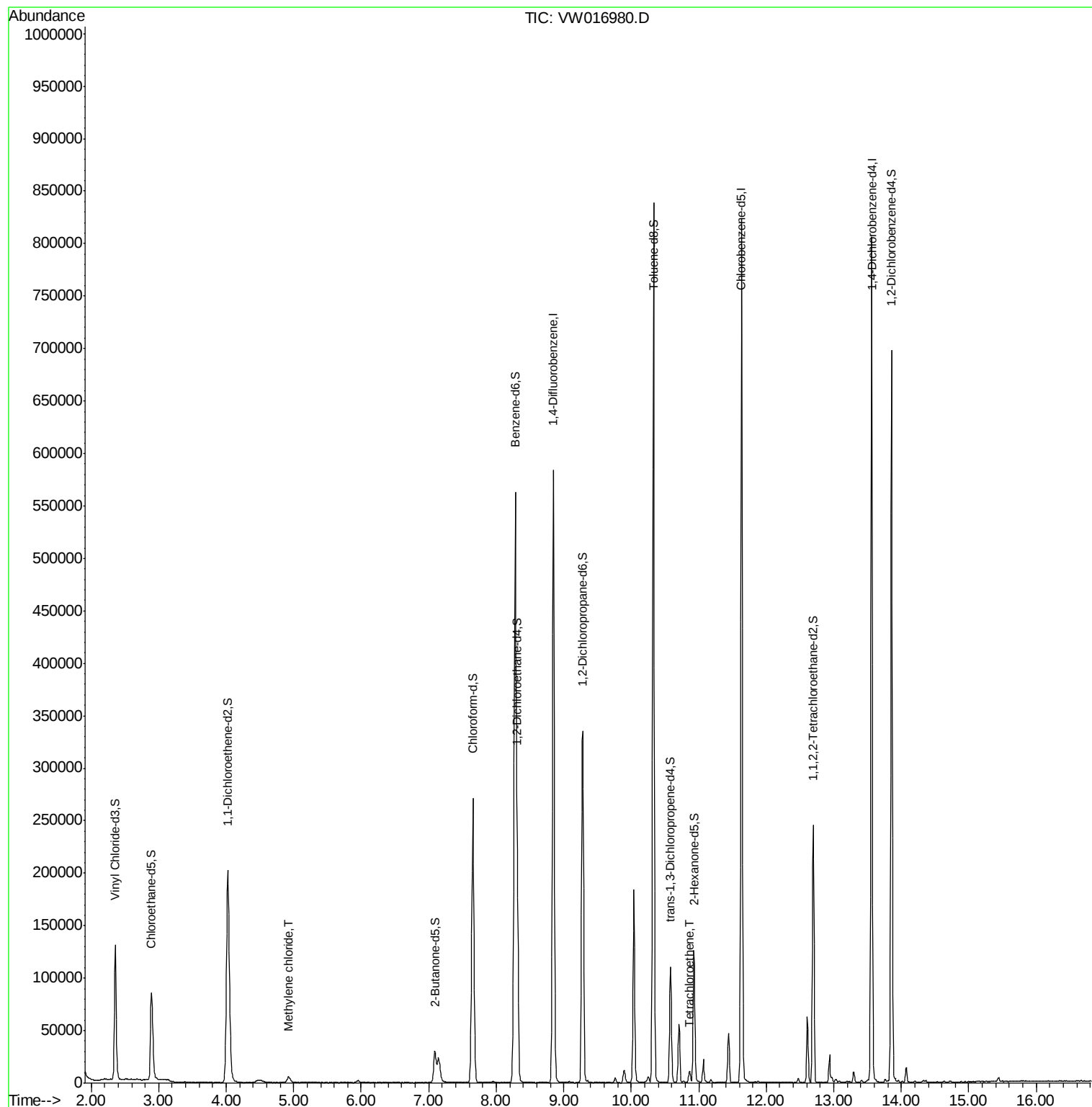
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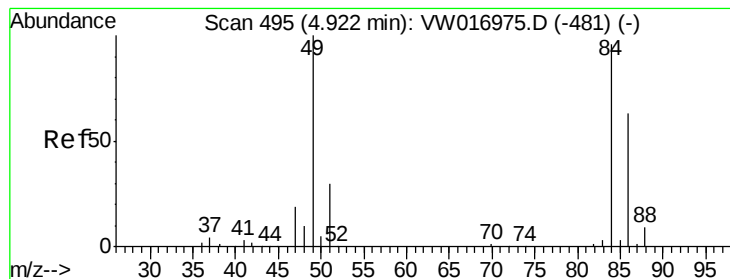
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#16

Methvlene chloride

Concen: 0.735 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016980.D

Acq: 23 Oct 2020 13:56

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tot Ion: 84 Resp: 5207

Ion Ratio Lower Upper

84 100

49 114.5 73.8 137.0

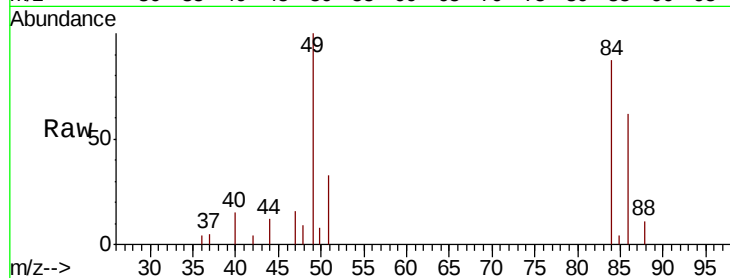
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Manual Integrations

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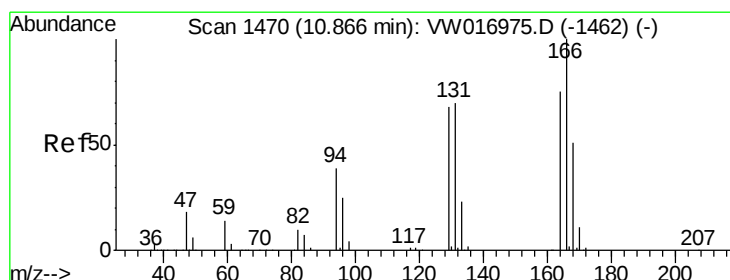
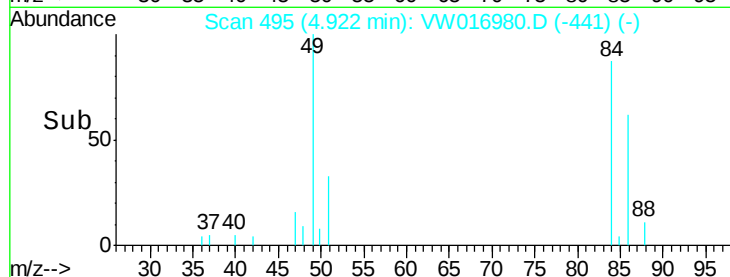
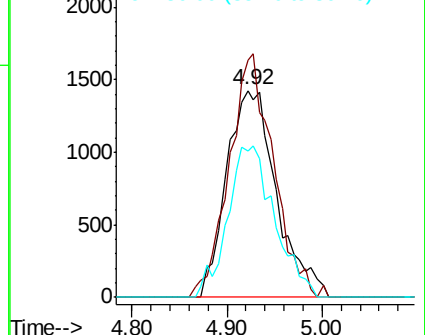
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Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#47

Tetrachloroethene

Concen: 0.381 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

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Acq: 23 Oct 2020 13:56

Tgt Ion: 164 Resp: 2609

Ion Ratio Lower Upper

164 100

129 95.5 64.0 119.0

131 104.6 61.7 114.5

166 140.4 94.6 175.8

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

