

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016340.D
 Acq On : 24 Aug 2020 19:04
 Operator : SY/VA
 Sample : L3789-06
 Misc : 6.53G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFS11

Quant Time: Aug 25 06:25:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 05:29:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	255444	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240736	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	45623	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.92%
7) Chloroethane-d5	2.89	69	38960	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.28%
10) 1,1-Dichloroethene-d2	4.01	63	84848	13.10	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.40%
20) 2-Butanone-d5	7.08	46	33698	43.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.88%
24) Chloroform-d	7.65	84	140434	21.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	8.31	65	73747	21.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.96%
29) Benzene-d6	8.27	84	260566	19.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.56%
33) 1,2-Dichloropropane-d6	9.27	67	79537	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.56%
37) Toluene-d8	10.32	98	235998	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.44%
38) trans-1,3-Dichloropropene-	10.58	79	33349	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.32%
39) 2-Hexanone-d5	10.93	63	30167	50.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70286	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	94361	21.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.20%

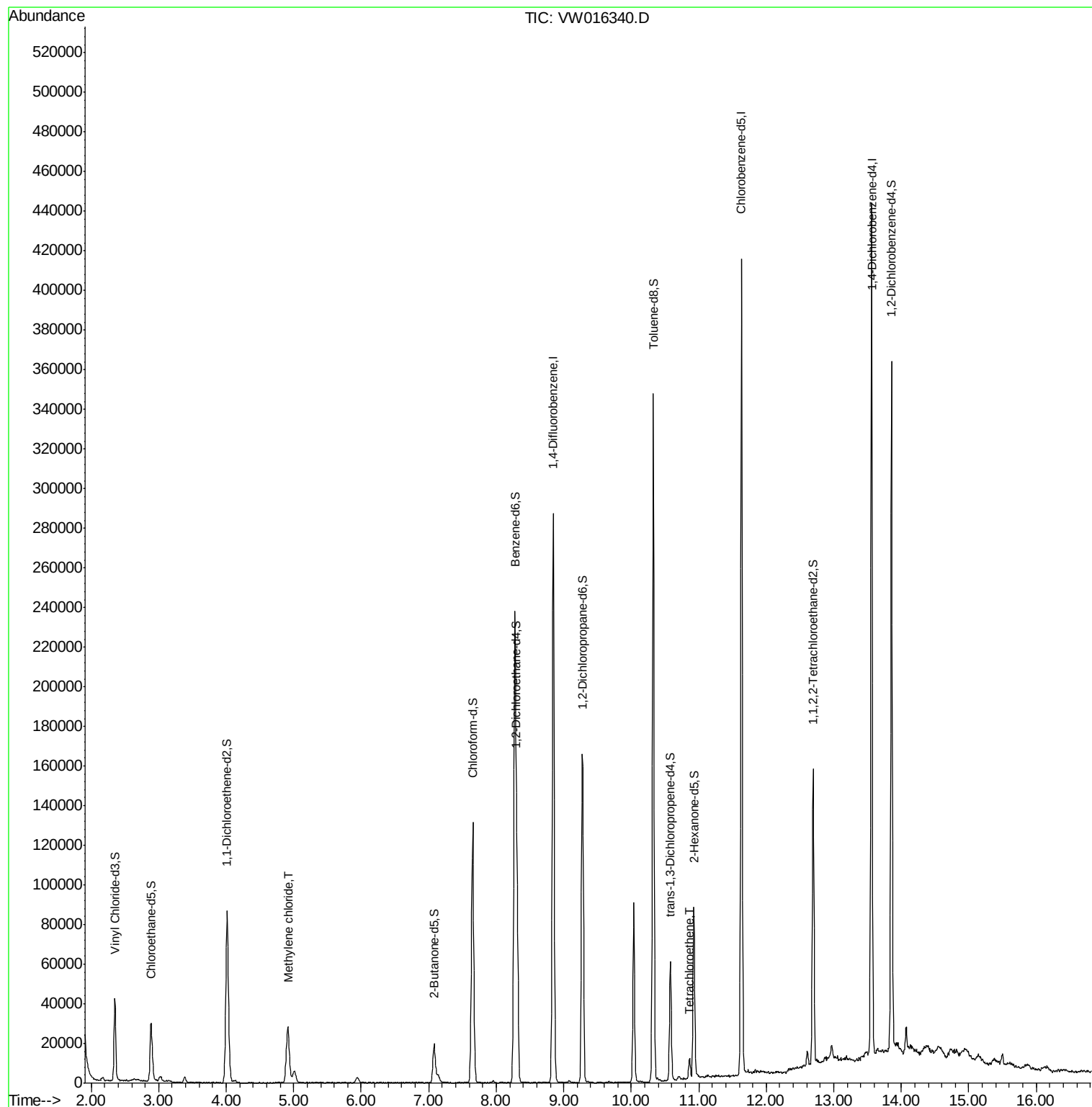
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	23622	5.002 ug/L	95
47) Tetrachloroethene	10.86	164	2325	0.754 ug/L	75

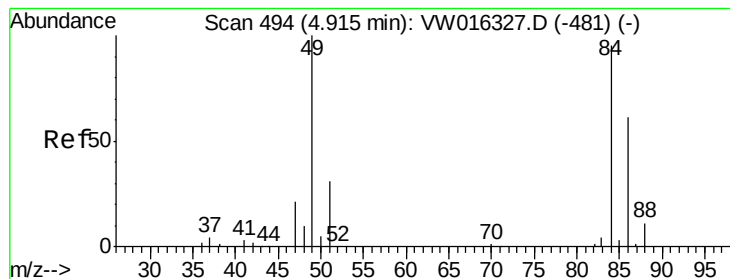
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 5.002 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016340.D

Acq: 24 Aug 2020 19:04

Instrument :

MSVOA_W

ClientSampled :

BFS1

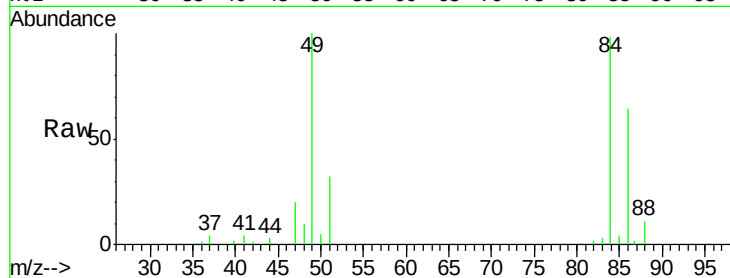
Tot Ion: 84 Resp: 23622

Ion Ratio Lower Upper

84 100

49 101.8 75.3 139.9

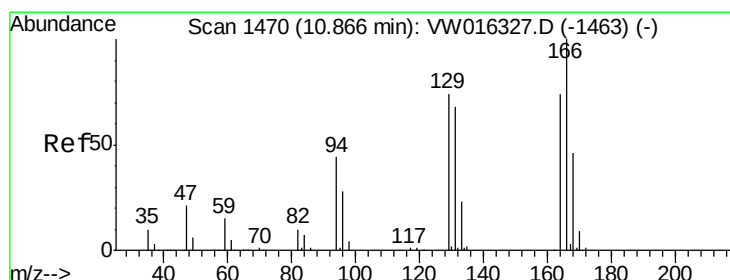
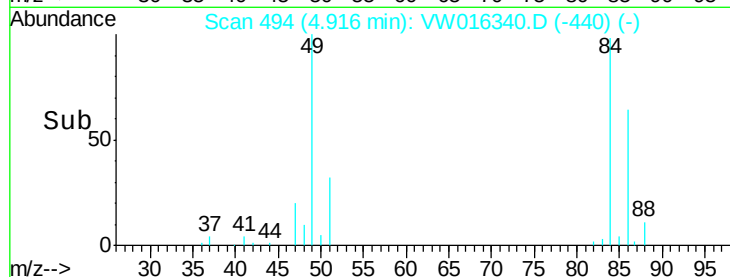
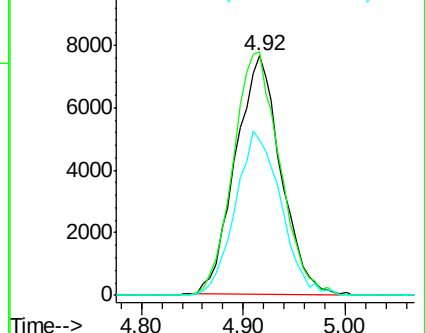
86 65.1 43.3 80.3



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: 0.754 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

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Acq: 24 Aug 2020 19:04

Tgt Ion: 164 Resp: 2325

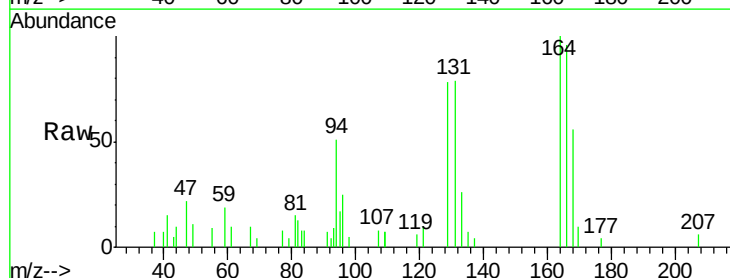
Ion Ratio Lower Upper

164 100

129 78.3 71.5 132.7

131 79.0 67.4 125.2

166 95.7 92.5 171.9



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

