

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016341.D
 Acq On : 24 Aug 2020 19:27
 Operator : SY/VA
 Sample : L3789-07
 Misc : 6.56G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFS2

Quant Time: Aug 25 06:37:56 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	354612	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325383	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58985	15.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.32%
7) Chloroethane-d5	2.89	69	49443	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.80%
10) 1,1-Dichloroethene-d2	4.02	63	109286	12.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.60%
20) 2-Butanone-d5	7.07	46	52618	48.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.74%
24) Chloroform-d	7.65	84	182235	19.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.84%
26) 1,2-Dichloroethane-d4	8.31	65	100522	21.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.40%
29) Benzene-d6	8.27	84	345573	19.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.08%
33) 1,2-Dichloropropane-d6	9.27	67	103342	20.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.24%
37) Toluene-d8	10.33	98	315021	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.52%
38) trans-1,3-Dichloropropene-	10.58	79	47831	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.88%
39) 2-Hexanone-d5	10.93	63	46778	58.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103045	24.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	127812	21.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.76%

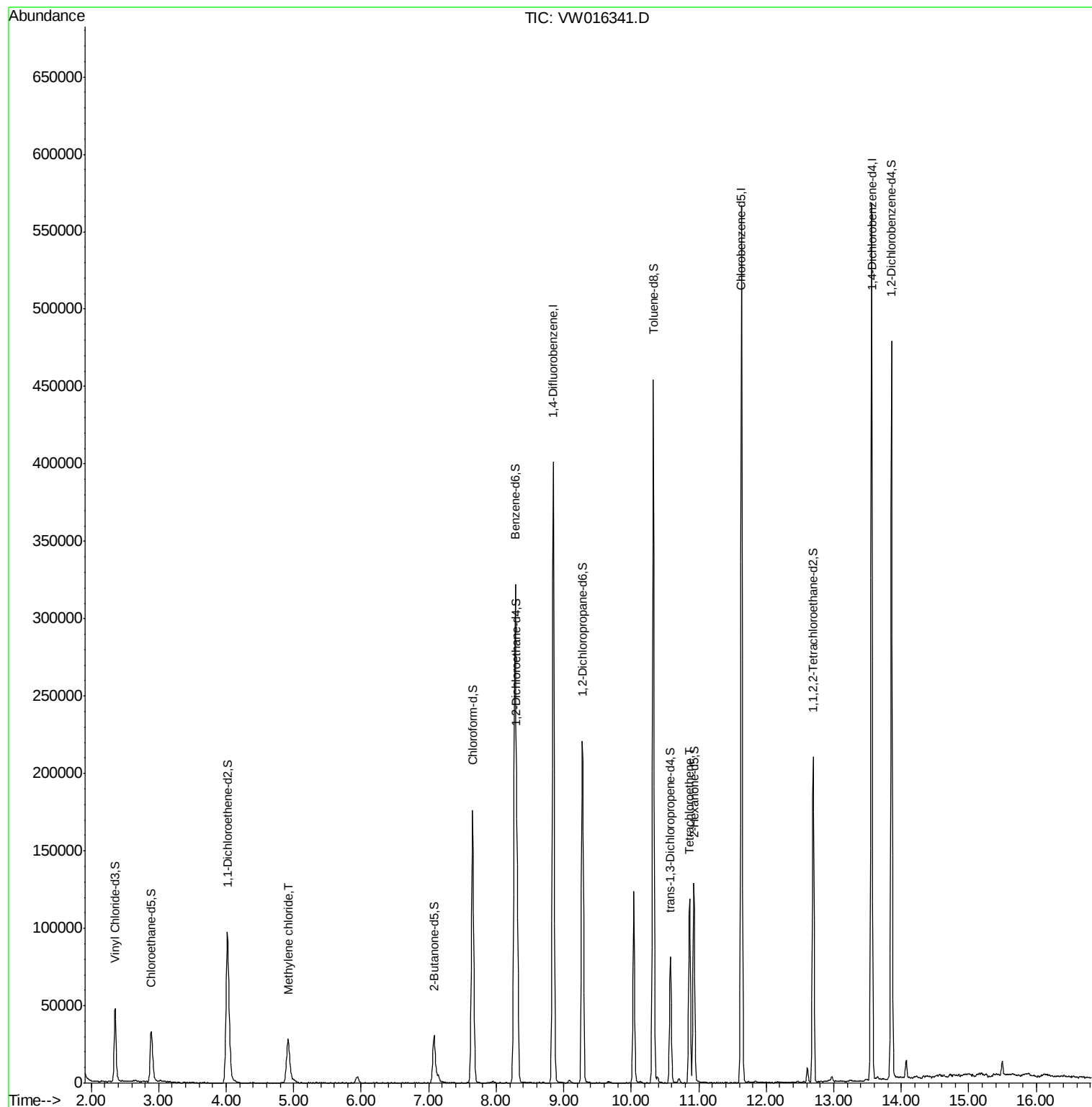
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	26586	4.056 ug/L	98
47) Tetrachloroethene	10.87	164	26253	6.300 ug/L	99

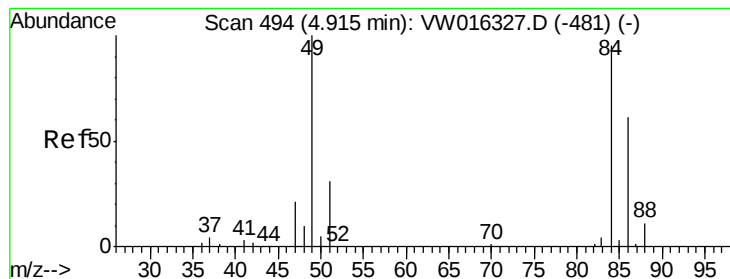
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 4.056 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

BFSL2

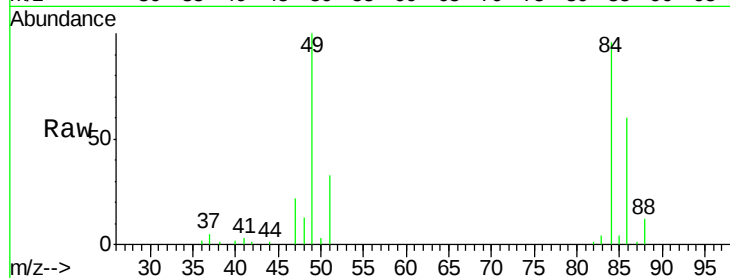
Tot Ion: 84 Resp: 26586

Ion Ratio Lower Upper

84 100

49 104.2 75.3 139.9

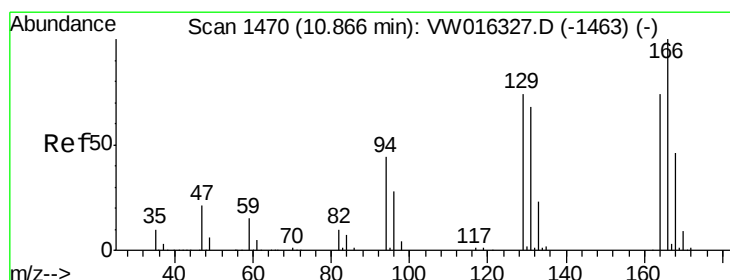
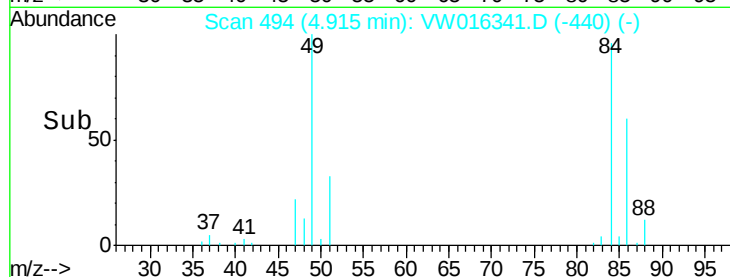
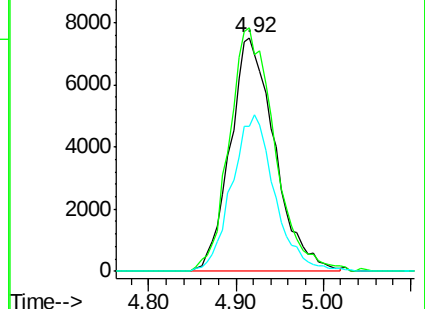
86 62.1 43.3 80.3



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: 6.300 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 26253

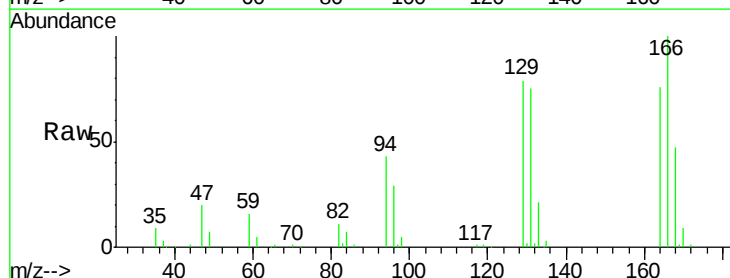
Ion Ratio Lower Upper

164 100

129 103.8 71.5 132.7

131 98.6 67.4 125.2

166 132.1 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

