

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016344.D
 Acq On : 24 Aug 2020 20:39
 Operator : SY/VA
 Sample : L3789-08
 Misc : 6.18G/10ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFS3L3

Quant Time: Aug 25 06:44:51 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	8.85	114	321944	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	273335	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	105198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54881	15.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.88%
7) Chloroethane-d5	2.89	69	48925	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.00%
10) 1,1-Dichloroethene-d2	4.01	63	104408	12.79	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.16%
20) 2-Butanone-d5	7.07	46	38811	39.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.40%
24) Chloroform-d	7.65	84	174723	20.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	8.31	65	90399	20.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.60%
29) Benzene-d6	8.27	84	321473	21.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.28%
33) 1,2-Dichloropropane-d6	9.27	67	97831	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.68%
37) Toluene-d8	10.32	98	285726	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.40%
38) trans-1,3-Dichloropropene-	10.58	79	40052	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.60%
39) 2-Hexanone-d5	10.93	63	33633	49.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76859	21.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	84194	20.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.48%

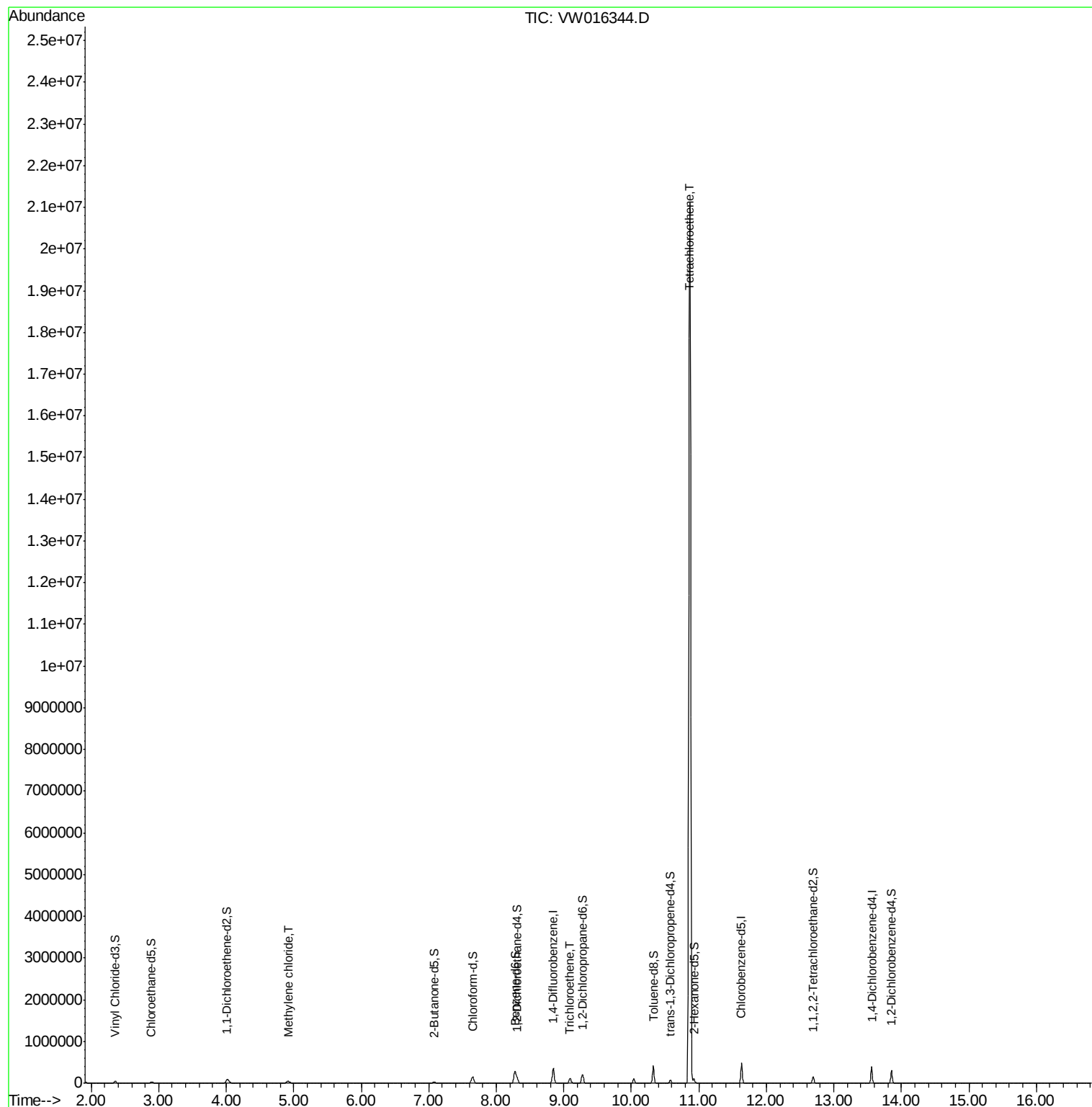
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	36831	6.189 ug/L	98
35) Trichloroethene	9.09	95	40978	9.231 ug/L	97
47) Tetrachloroethene	10.87	164	5115100	1461.227 ug/L	94

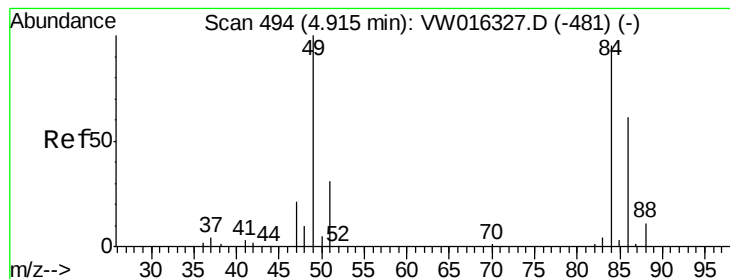
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 6.189 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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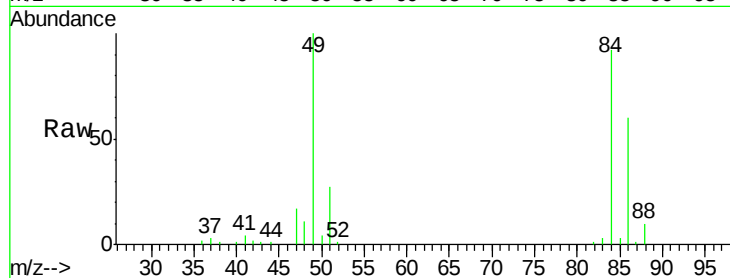
Tot Ion: 84 Resp: 36831

Ion Ratio Lower Upper

84 100

49 108.5 75.3 139.9

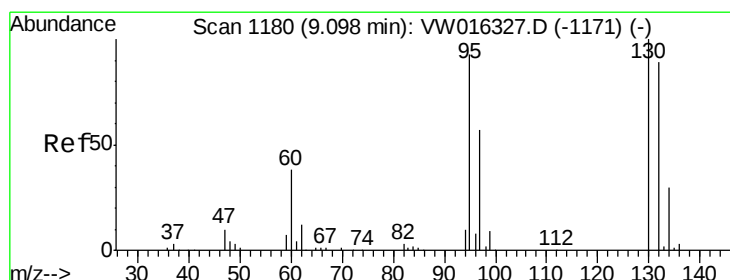
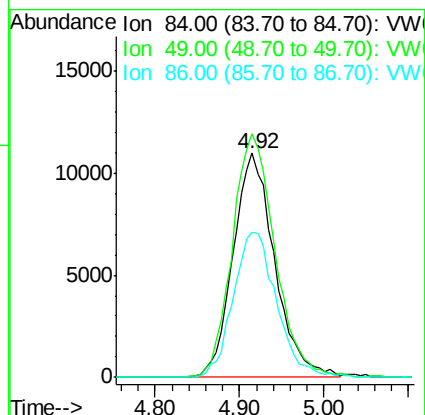
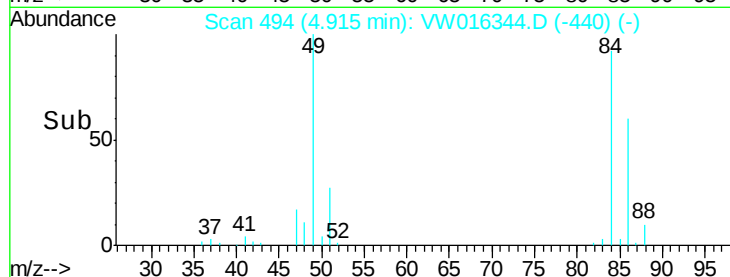
86 64.8 43.3 80.3



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



#35

Trichloroethene

Concen: 9.231 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

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Tgt Ion: 95 Resp: 40978

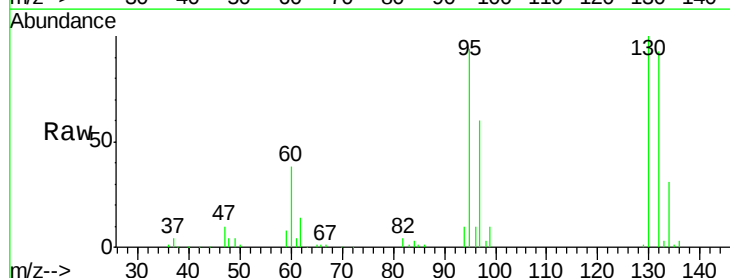
Ion Ratio Lower Upper

95 100

97 64.7 44.9 83.5

132 100.5 68.2 126.6

130 105.9 71.5 132.9

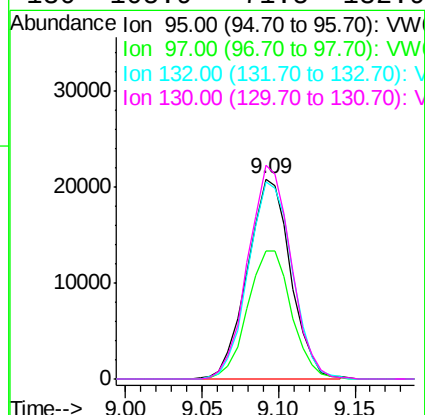
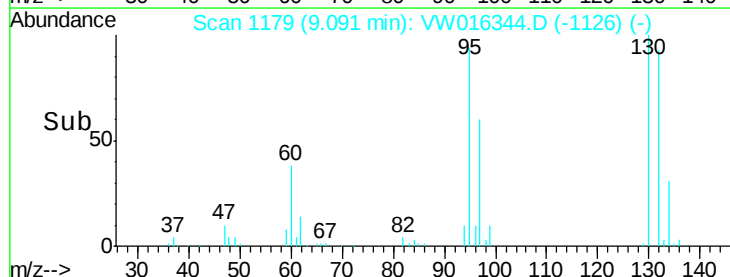


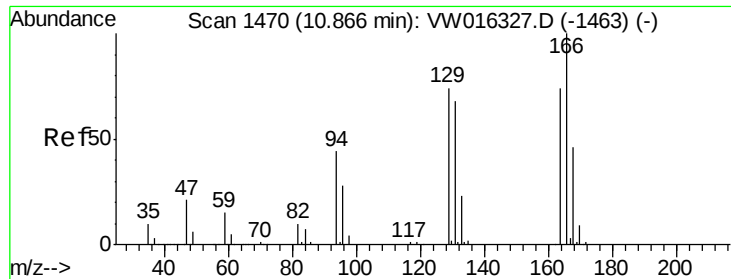
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#47

Tetrachloroethene

Concen: 1461.227 ug/L

RT: 10.87 min Scan# 1471

Delta R.T. 0.01 min

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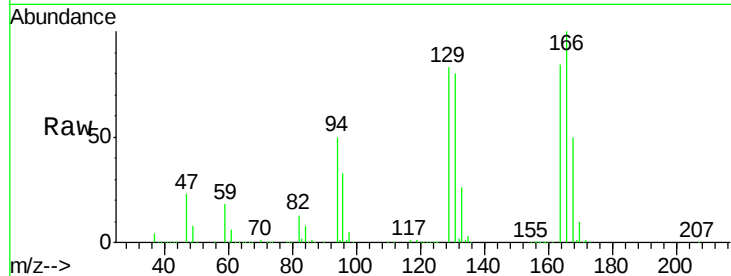
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Tot Ion:164 Resp: 5115100

Ion Ratio Lower Upper

164 100

129 99.4 71.5 132.7

131 95.4 67.4 125.2

166 119.2 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

