

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016501.D
 Acq On : 09 Sep 2020 16:56
 Operator : SY/VA
 Sample : L3950-07
 Misc : 6.79G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWW3

Quant Time: Sep 10 05:43:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 05:09:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	710054	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	615856	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250107	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	190032	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.92%
7) Chloroethane-d5	2.90	69	166802	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
10) 1,1-Dichloroethene-d2	4.03	63	289376	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.08	46	89071	33.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.22%
24) Chloroform-d	7.65	84	379008	22.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	8.31	65	202041	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.88%
29) Benzene-d6	8.28	84	761937	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	9.28	67	213201	23.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.72%
37) Toluene-d8	10.33	98	719521	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	10.58	79	99564	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.80%
39) 2-Hexanone-d5	10.93	63	71918	38.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162452	20.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	203200	23.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.04%

Target Compounds

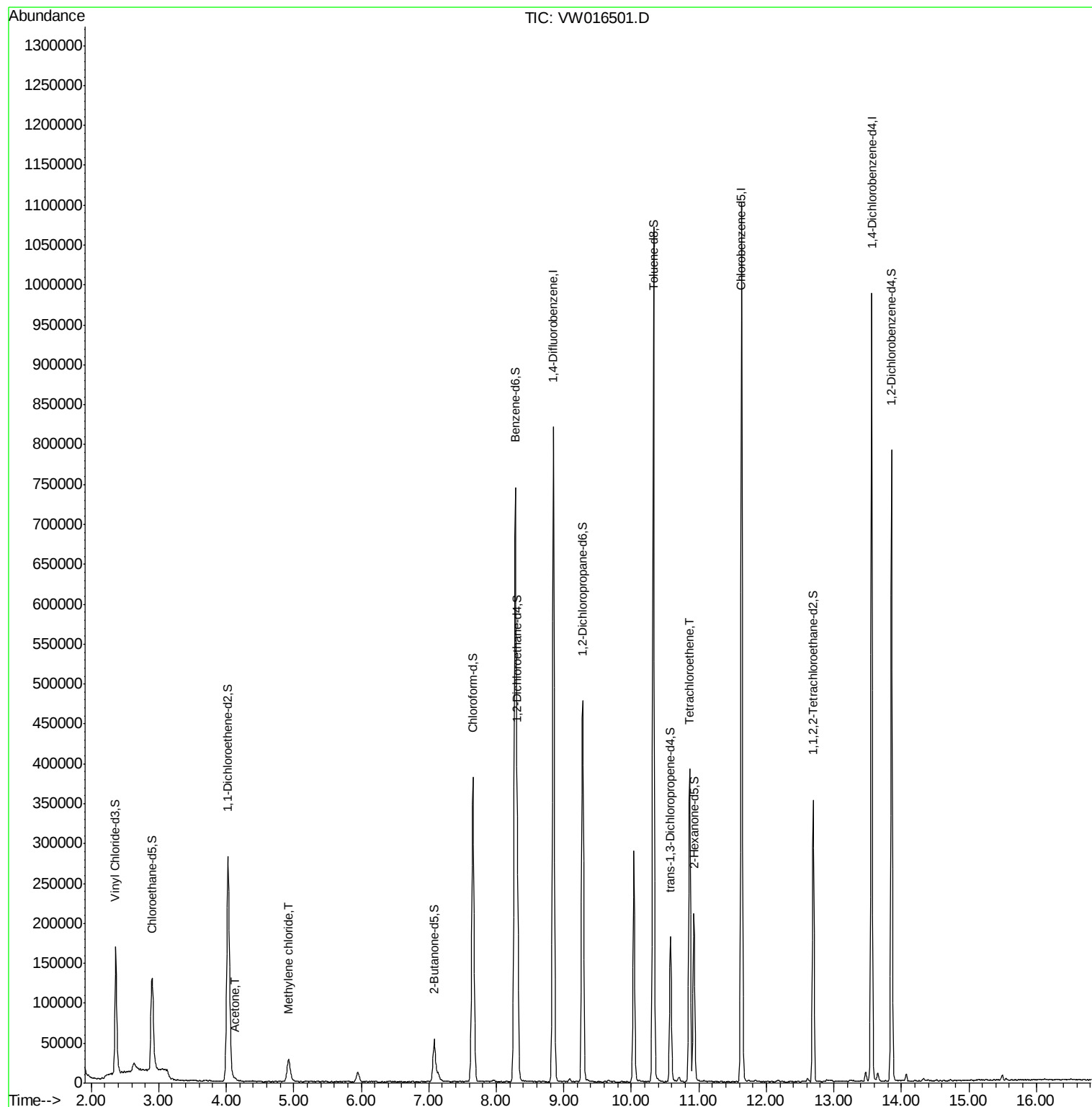
					Ovalue
13) Acetone	4.13	43	5806	3.362 ug/L	93
16) Methylene chloride	4.93	84	24419	2.204 ug/L	86
47) Tetrachloroethene	10.87	164	84652	11.316 ug/L	96

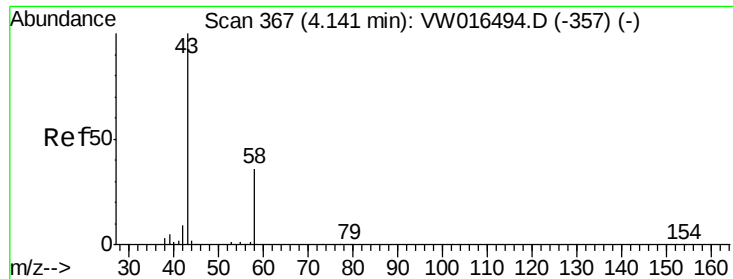
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.362 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016501.D

Acq: 09 Sep 2020 16:56

Instrument :

MSVOA_W

ClientSampled :

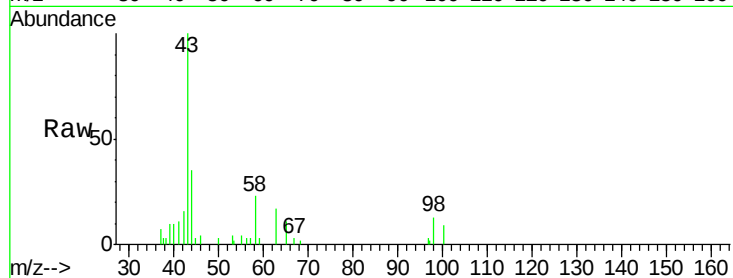
BFWW3

Tot Ion: 43 Resp: 5806

Ion Ratio Lower Upper

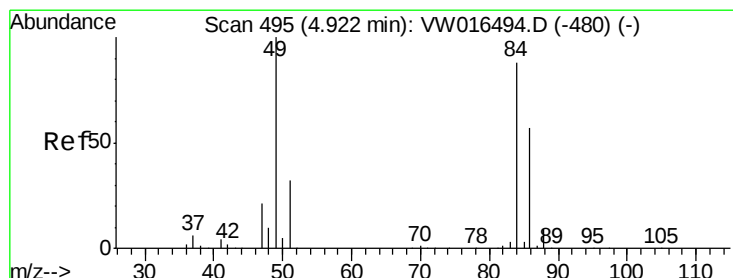
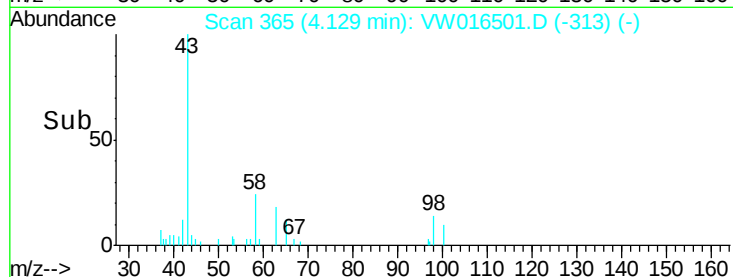
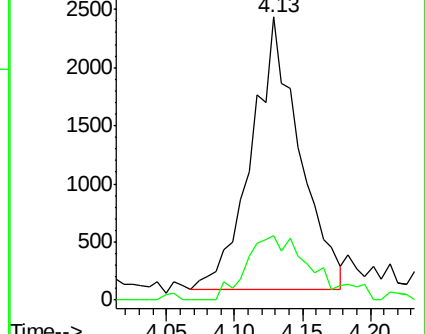
43 100

58 27.5 0.0 63.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.204 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016501.D

Acq: 09 Sep 2020 16:56

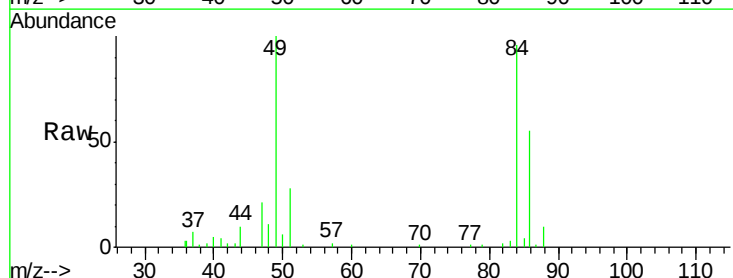
Tgt Ion: 84 Resp: 24419

Ion Ratio Lower Upper

84 100

49 104.6 86.7 160.9

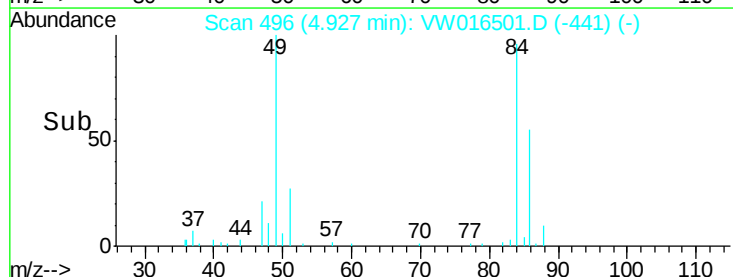
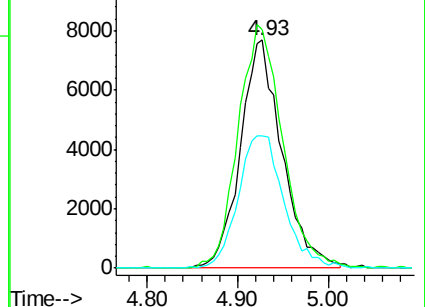
86 58.0 44.9 83.5

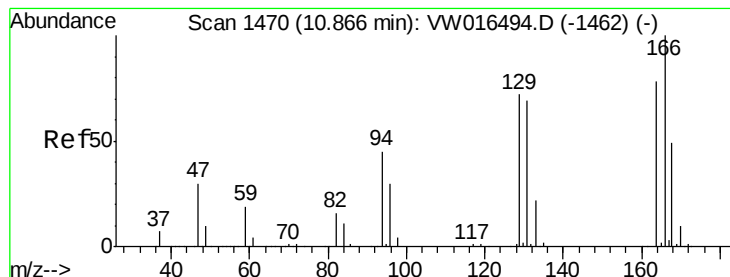


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#47

Tetrachloroethene

Concen: 11.316 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016501.D

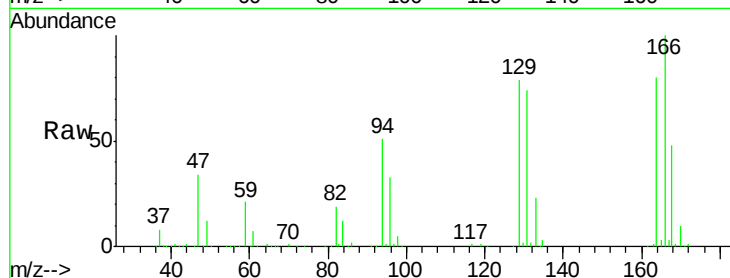
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MSVOA_W

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BFWW3



Tot Ion:164 Resp: 84652

Ion Ratio Lower Upper

164 100

129 98.6 65.7 121.9

131 92.4 61.1 113.5

166 125.0 85.0 157.8

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

