

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017499.D
 Acq On : 25 Nov 2020 13:30
 Operator : SY/VA
 Sample : L4861-03RE
 Misc : 5.14G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 07:24:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129343	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	87832	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.56%
7) Chloroethane-d5	2.89	69	74059	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.52%
10) 1,1-Dichloroethene-d2	4.02	63	157112	14.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.52%
20) 2-Butanone-d5	7.08	46	38364	37.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.12%
24) Chloroform-d	7.65	84	208169	19.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.56%
26) 1,2-Dichloroethane-d4	8.31	65	108909	20.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.76%
29) Benzene-d6	8.28	84	398092	20.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.24%
33) 1,2-Dichloropropane-d6	9.27	67	115739	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.36%
37) Toluene-d8	10.32	98	352415	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.96%
38) trans-1,3-Dichloropropene-	10.58	79	44576	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.56%
39) 2-Hexanone-d5	10.93	63	25299	37.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78540	20.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	98872	20.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.60%

Target Compounds

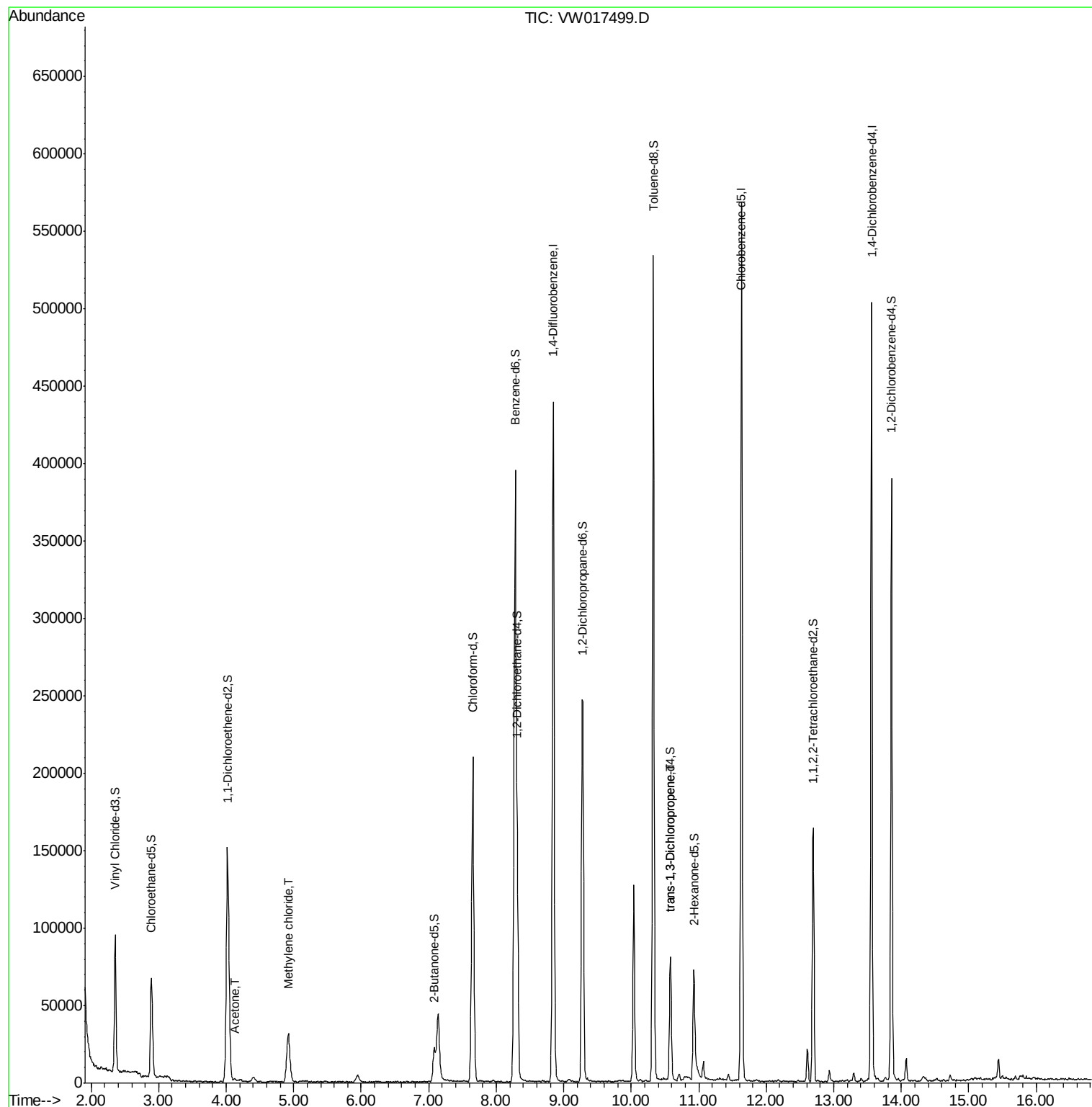
					Ovalue
13) Acetone	4.13	43	2422	2.432 ug/L	68
16) Methylene chloride	4.92	84	25740	4.595 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	2113	0.354 ug/L	91

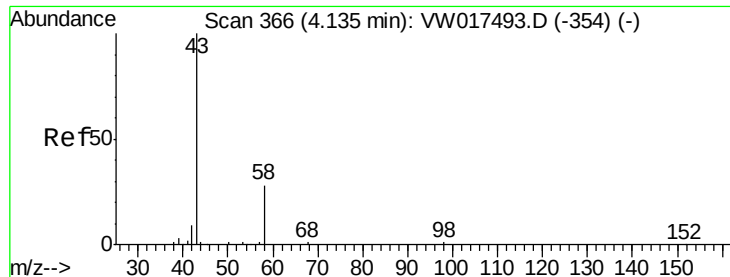
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.432 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

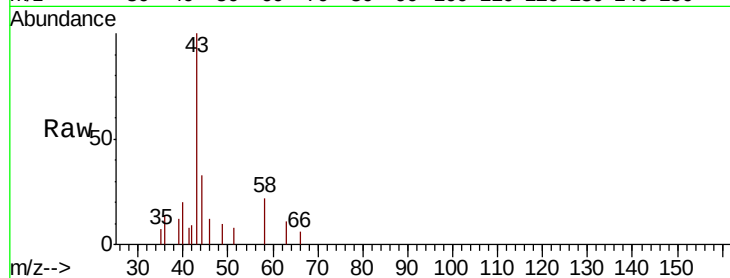
ClientSampled :

Tot Ion: 43 Resp: 2422

Ion Ratio Lower Upper

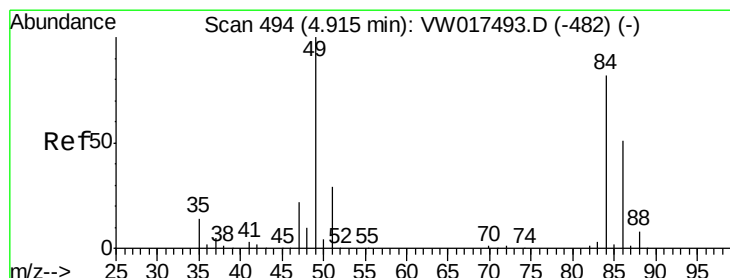
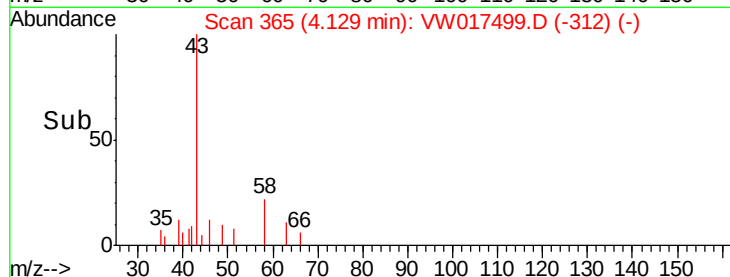
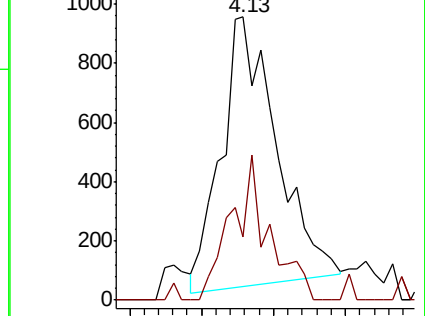
43 100

58 15.7 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.595 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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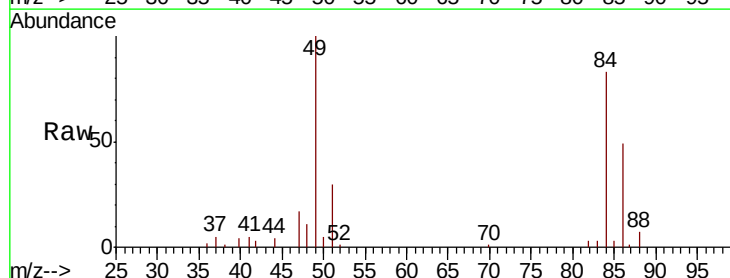
Tgt Ion: 84 Resp: 25740

Ion Ratio Lower Upper

84 100

49 120.6 81.2 150.8

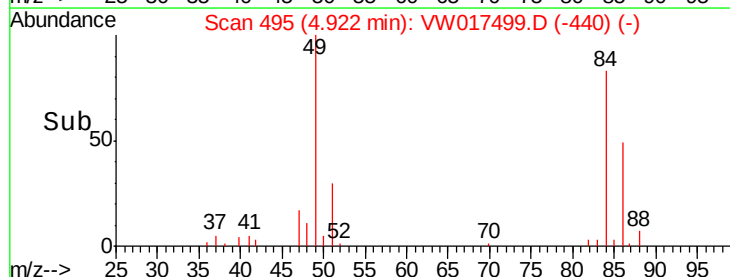
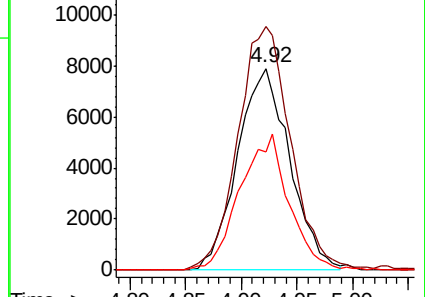
86 58.7 44.5 82.7

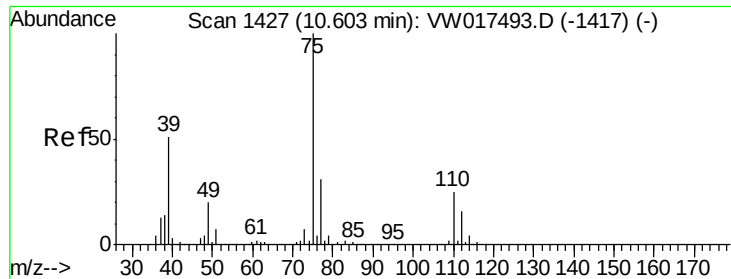


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.354 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 2113

Ion Ratio Lower Upper

75 100

77 37.6 22.6 42.0

