

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017857.D
 Acq On : 13 Jan 2021 19:03
 Operator : SY/VA
 Sample : M1132-09
 Misc : 3.92G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A14

Manual Integrations
 APPROVED

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 1/15/2021 4:07:08 PM

Quant Time: Jan 14 15:47:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	256996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223748	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	89782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108565	27.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.20%
7) Chloroethane-d5	2.89	69	86849	26.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.84%
10) 1,1-Dichloroethene-d2	4.03	63	136702	19.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.92%
20) 2-Butanone-d5	7.07	46	47546	73.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.54%#
24) Chloroform-d	7.65	84	179332	26.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	8.31	65	107439	30.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.64%
29) Benzene-d6	8.27	84	349013	27.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.76%
33) 1,2-Dichloropropane-d6	9.27	67	102839	29.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.40%
37) Toluene-d8	10.32	98	315524	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.28%
38) trans-1,3-Dichloropropene-	10.58	79	40196	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.84%
39) 2-Hexanone-d5	10.93	63	30926	70.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.78%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80423	31.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	81180	25.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	3787m	6.805	ug/L	
16) Methylene chloride	4.91	84	6927	1.885	ug/L	93
47) Tetrachloroethene	10.87	164	1212	0.438	ug/L #	80

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

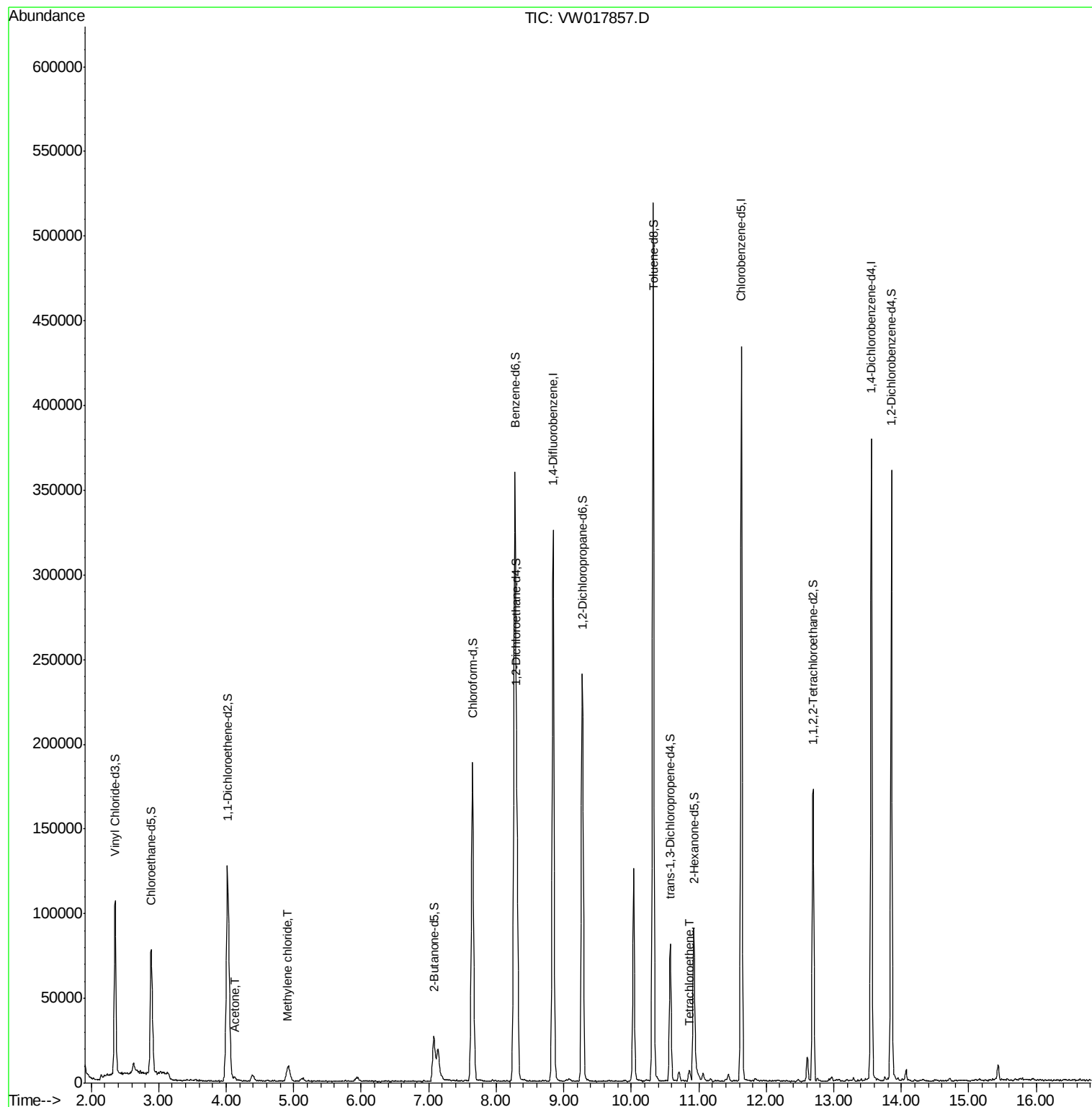
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
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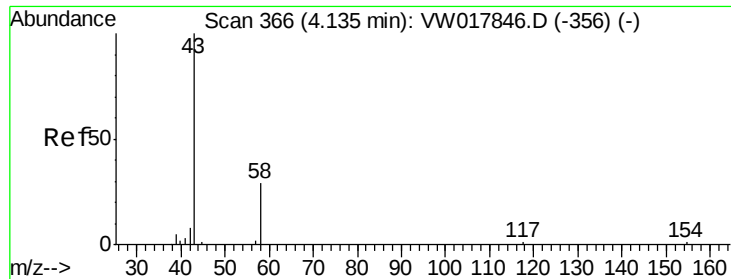
Instrument :
MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#13

Acetone

Concen: 6.805 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017857.D

Acq: 13 Jan 2021 19:03

Instrument :

MSVOA_W

ClientSampled :

F1A14

Tot Ion: 43 Resp: 3787

Ion Ratio Lower Upper

43 100

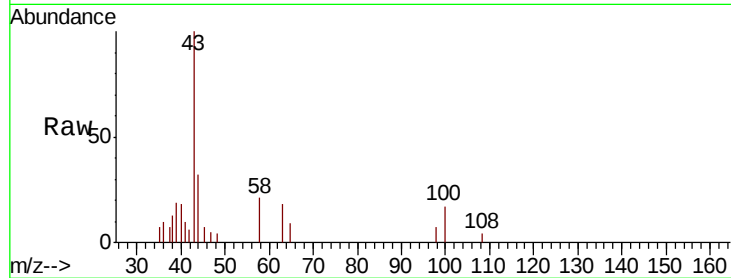
58 6.8 0.0 60.8

Manual Integrations

APPROVED

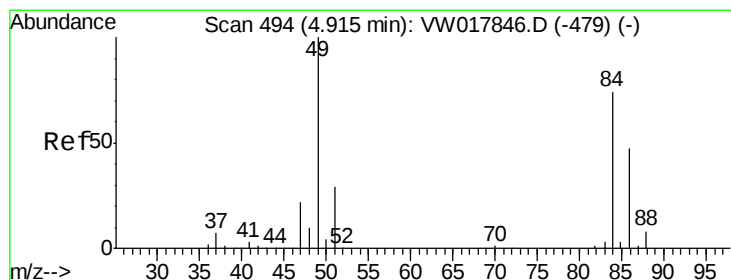
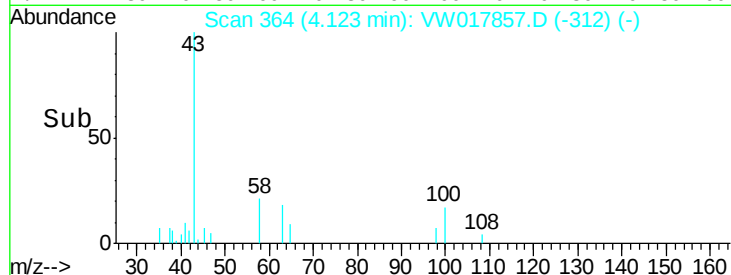
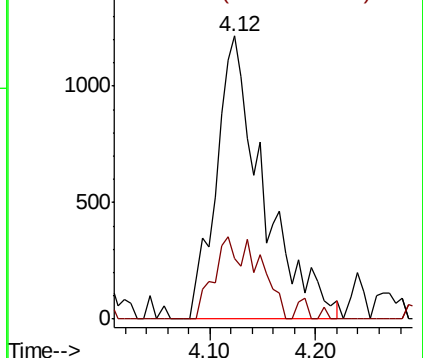
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.885 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017857.D

Acq: 13 Jan 2021 19:03

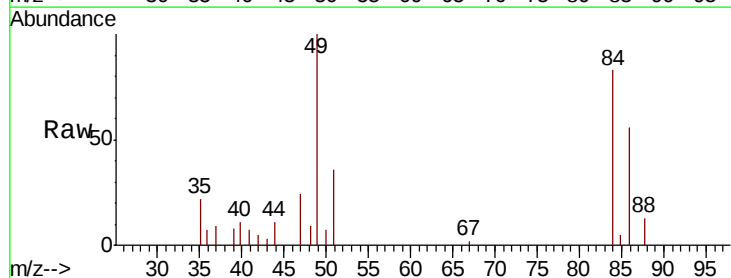
Tgt Ion: 84 Resp: 6927

Ion Ratio Lower Upper

84 100

49 120.7 90.5 168.1

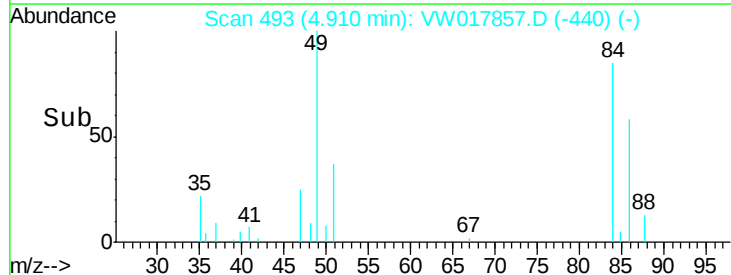
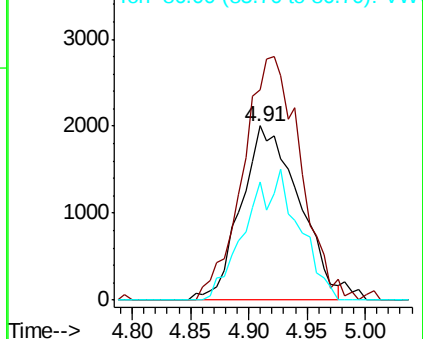
86 68.2 44.8 83.2

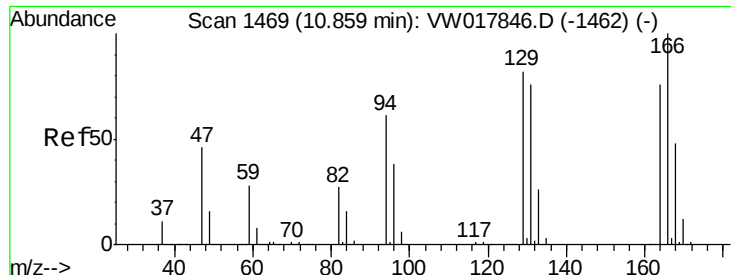


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#47

Tetrachloroethene

Concen: 0.438 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion:164 Resp: 1212

Ion Ratio Lower Upper

164 100

129 117.9 62.9 116.9#

131 92.3 63.8 118.6

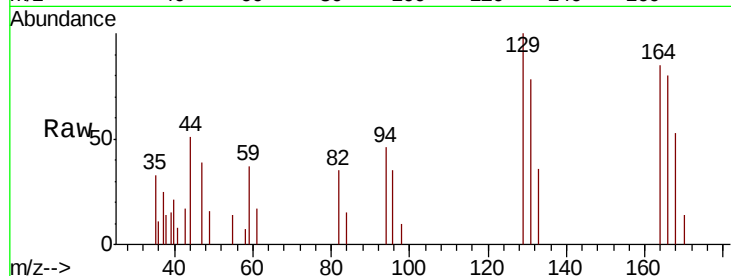
166 94.4 87.4 162.2

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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

