

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017876.D
 Acq On : 14 Jan 2021 13:43
 Operator : SY/VA
 Sample : M1132-04
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A03

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 6:29:08 PM

Quant Time: Jan 14 23:19:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	320540	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281262	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122367	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125660	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
7) Chloroethane-d5	2.89	69	105533	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.12%
10) 1,1-Dichloroethene-d2	4.03	63	163803	18.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.84%
20) 2-Butanone-d5	7.08	46	51799	64.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.88%
24) Chloroform-d	7.65	84	221291	26.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.68%
26) 1,2-Dichloroethane-d4	8.31	65	126590m	29.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.80%
29) Benzene-d6	8.27	84	428086	27.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.08%
33) 1,2-Dichloropropane-d6	9.27	67	124852	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.36%
37) Toluene-d8	10.32	98	386438	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.60%
38) trans-1,3-Dichloropropene-	10.58	79	48649	24.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.96%
39) 2-Hexanone-d5	10.93	63	34753	63.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94727	29.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	111269	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%

Target Compounds					Ovalue	
13) Acetone	4.13	43	2614m	3.766	ug/L	
16) Methylene chloride	4.92	84	10801	2.356	ug/L	87
47) Tetrachloroethene	10.86	164	1007	0.289	ug/L	92

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

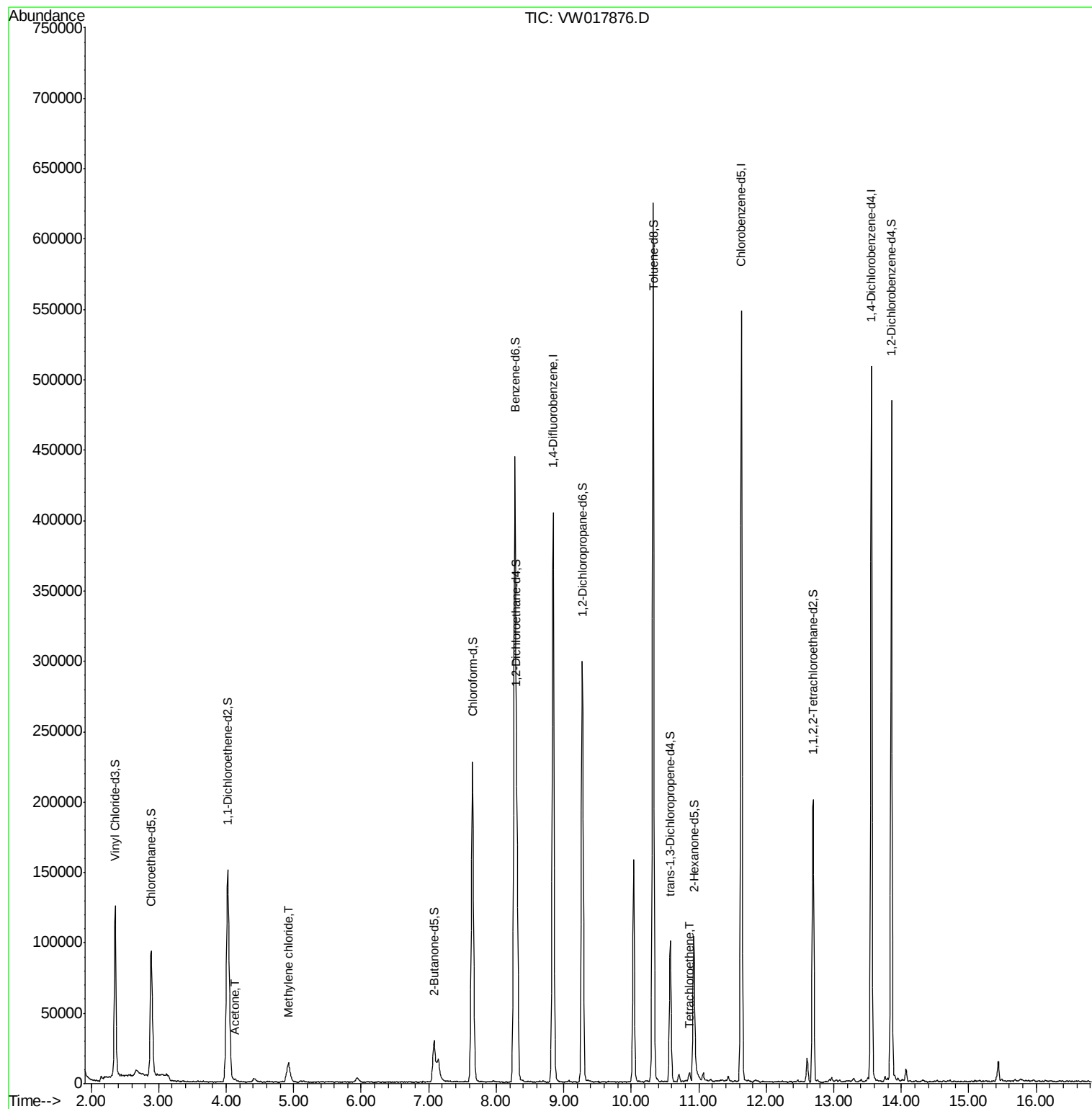
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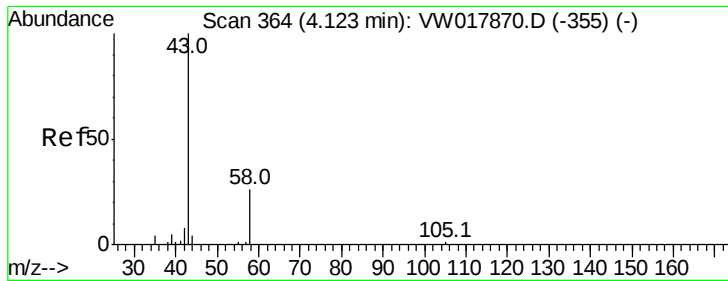
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Response via : Initial Calibration





#13

Acetone

Concen: 3.766 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017876.D

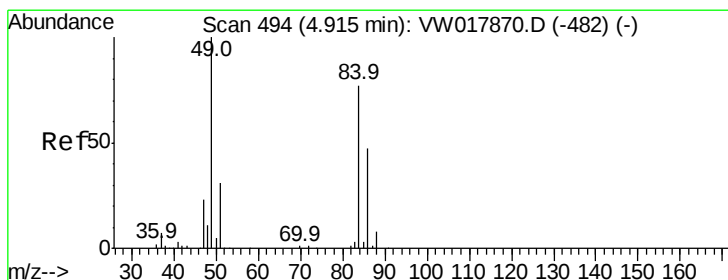
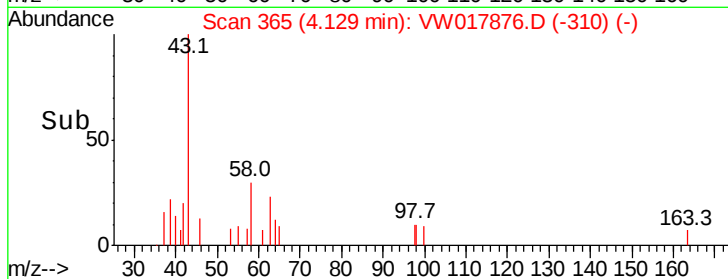
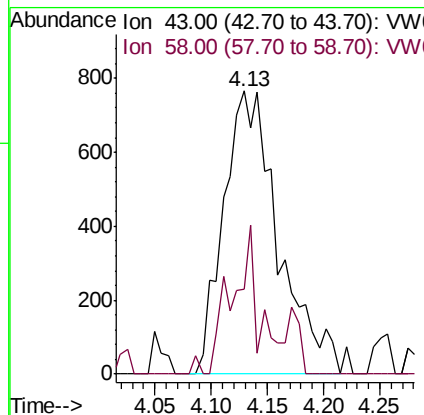
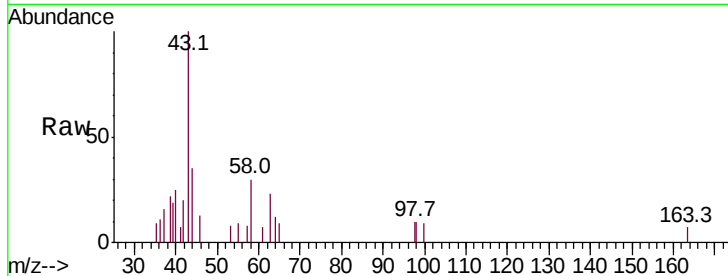
Acq: 14 Jan 2021 13:43

Tot Ion	Ratio	Lower	Upper
43	100		
58	12.8	0.0	60.8

Instrument :
MSVOA_W
ClientSampled :
F1A03

Manual Integrations
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#16

Methylene chloride

Concen: 2.356 ug/L

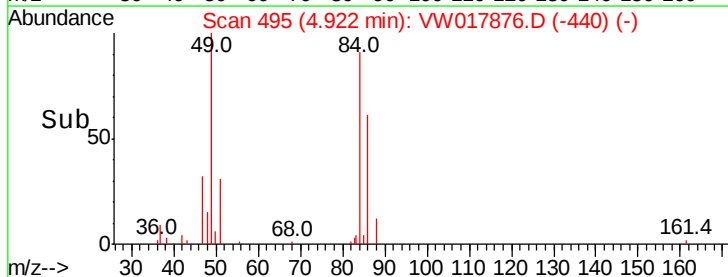
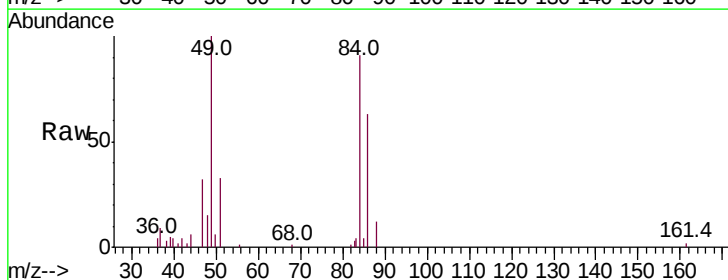
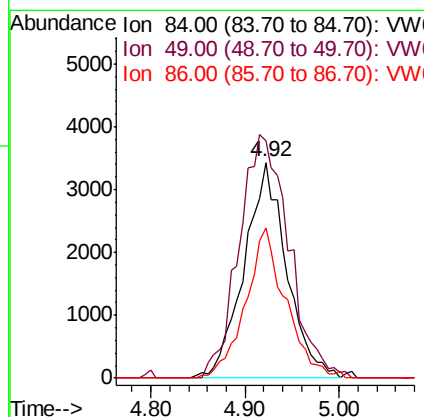
RT: 4.92 min Scan# 495

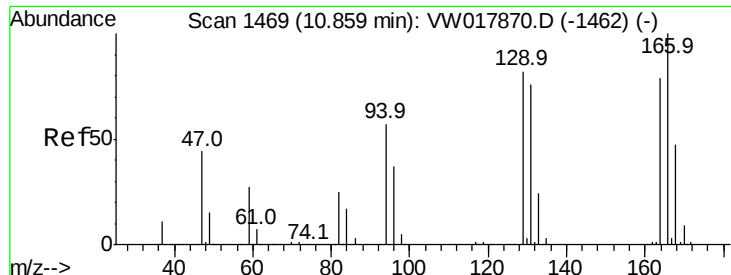
Delta R.T. 0.01 min

Lab File: VW017876.D

Acq: 14 Jan 2021 13:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.1	90.5	168.1
86	69.8	44.8	83.2





#47

Tetrachloroethene

Concen: 0.289 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW017876.D

Acq: 14 Jan 2021 13:43

Instrument :

MSVOA_W

ClientSampleId :

F1A03

Tot Ion:164 Resp: 1007

Ion Ratio Lower Upper

164 100

129 72.7 62.9 116.9

131 86.7 63.8 118.6

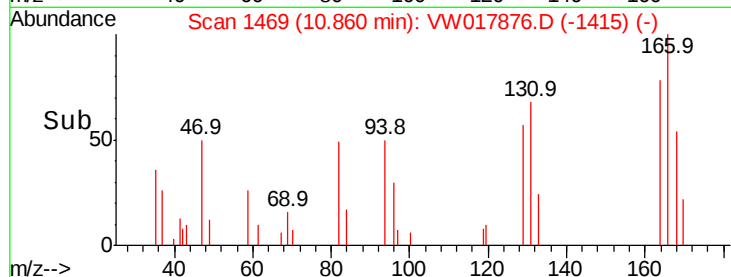
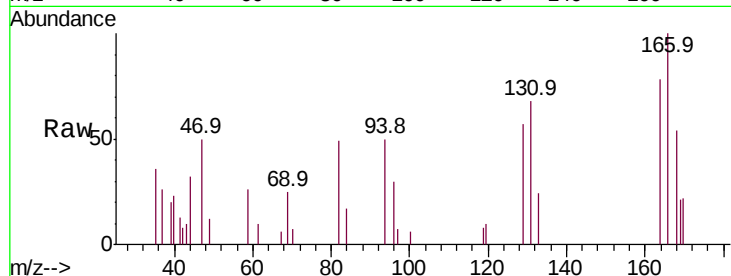
166 128.2 87.4 162.2

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Abundance Ion 164.00 (163.70 to 164.70): V

1500 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

