

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011121\
 Data File : VW017814.D
 Acq On : 11 Jan 2021 13:17
 Operator : SY/VA
 Sample : M1074-02
 Misc : 6.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT41

Manual Integrations
 APPROVED

SAM
 1/12/2021 9:30:09 PM

Quant Time: Jan 12 21:25:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	269146	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220942	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73186	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118183	28.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.52%
7) Chloroethane-d5	2.89	69	95160	27.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.76%
10) 1,1-Dichloroethene-d2	4.02	63	151198	20.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.36%
20) 2-Butanone-d5	7.08	46	44016	65.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.42%
24) Chloroform-d	7.65	84	189238	26.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.64%
26) 1,2-Dichloroethane-d4	8.31	65	109854	30.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.72%
29) Benzene-d6	8.27	84	369124	29.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.64%
33) 1,2-Dichloropropane-d6	9.27	67	108746	31.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.80%#
37) Toluene-d8	10.32	98	316543	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.92%
38) trans-1,3-Dichloropropene-	10.58	79	45195	29.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.24%
39) 2-Hexanone-d5	10.93	63	29758	69.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.14%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75112	29.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	66047	25.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.68%

Target Compounds					Ovalue
13) Acetone	4.12	43	2868	4.921 ug/L	72
16) Methylene chloride	4.91	84	9575m	2.488 ug/L	

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

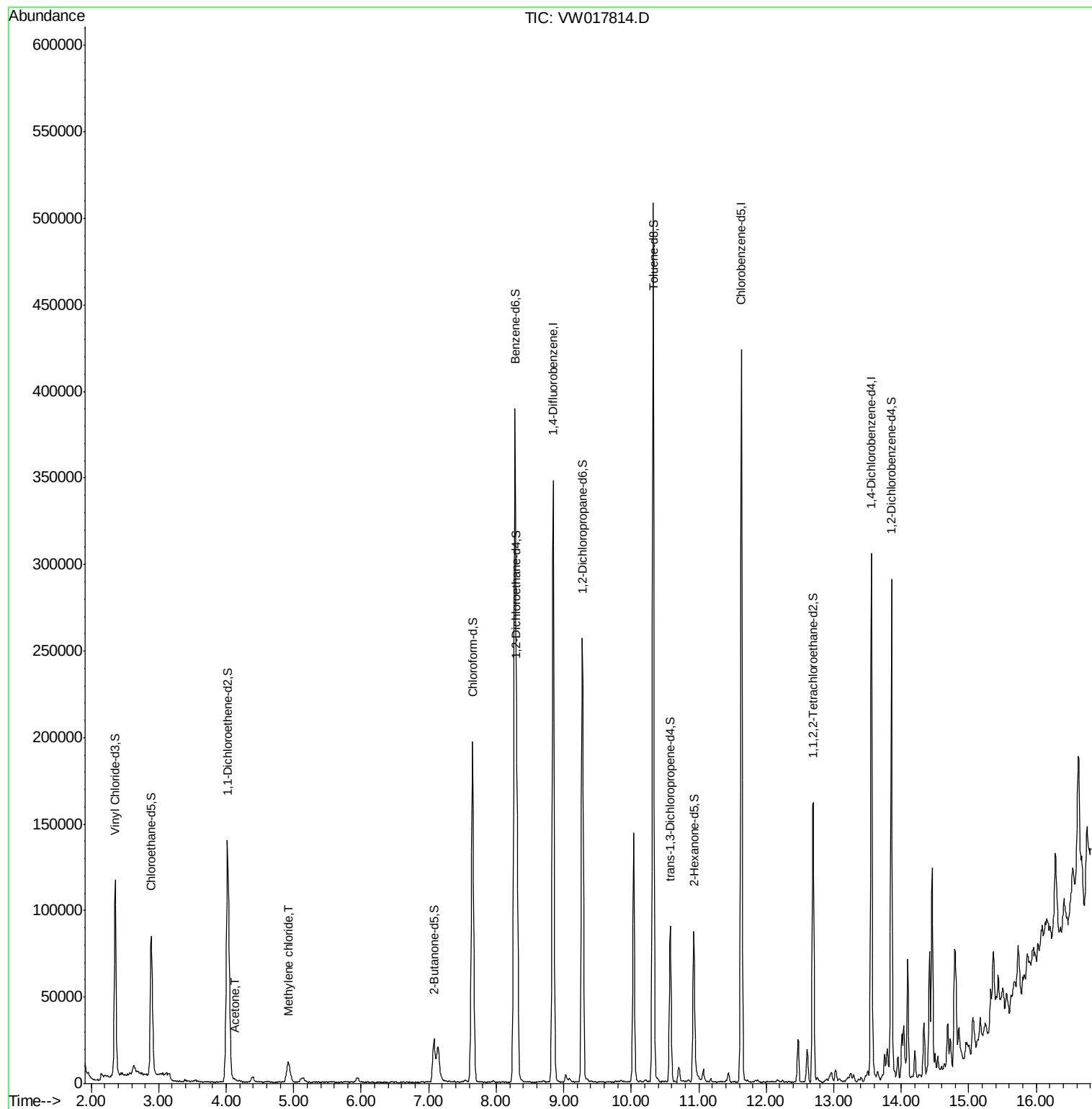
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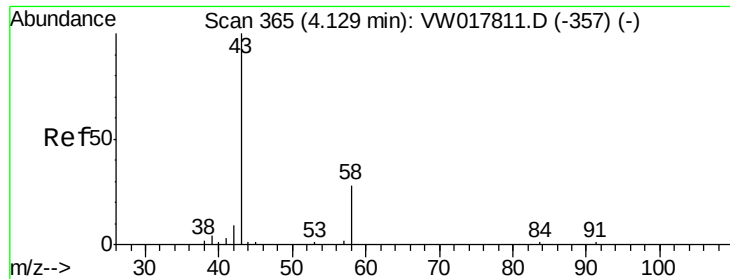
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#13

Acetone

Concen: 4.921 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017814.D

Acq: 11 Jan 2021 13:17

Instrument :

MSVOA_W

ClientSampled :

BFT41

Tot Ion: 43 Resp: 2868

Ion Ratio Lower Upper

43 100

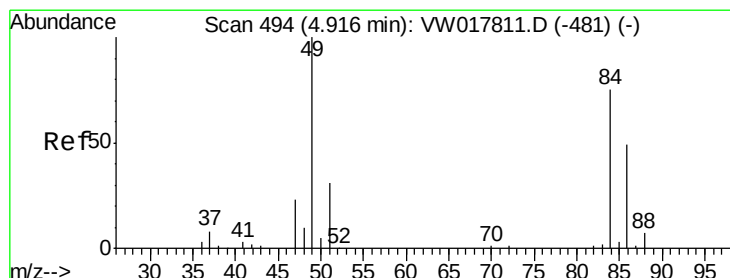
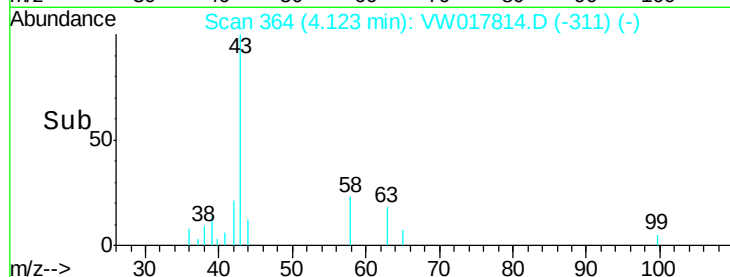
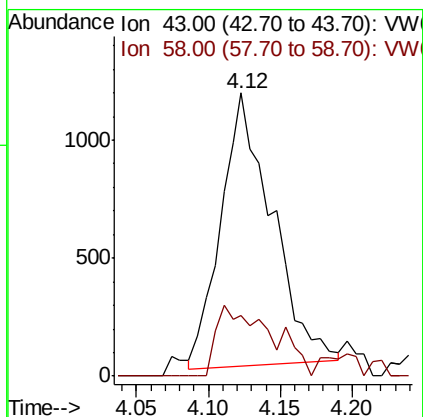
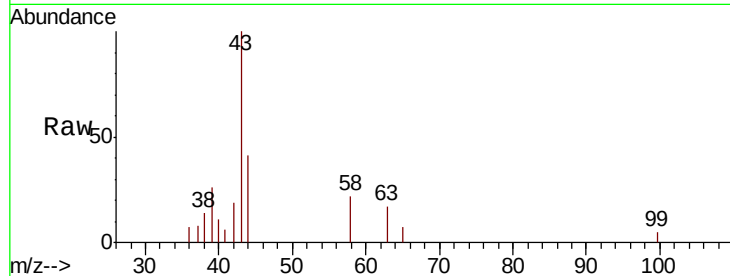
58 15.4 0.0 60.8

Manual Integrations

APPROVED

SAM

1/12/2021 9:30:09 PM



#16

Methylene chloride

Concen: 2.488 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017814.D

Acq: 11 Jan 2021 13:17

Tgt Ion: 84 Resp: 9575

Ion Ratio Lower Upper

84 100

49 116.6 90.5 168.1

86 60.2 44.8 83.2

