

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014813.D
 Acq On : 30 Jan 2020 16:14
 Operator : SY/VA
 Sample : L1271-17
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT08

Manual Integrations
 APPROVED

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Quant Time: Jan 31 03:02:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 01:08:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.58	114	1278895	25.00	ug/L	-0.26
28) Chlorobenzene-d5	11.57	117	1056078	25.00	ug/L	-0.05
60) 1,4-Dichlorobenzene-d4	13.54	152	433010	25.00	ug/L	-0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0d	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
7) Chloroethane-d5	0.00	69	0d	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
10) 1,1-Dichloroethene-d2	3.01	63	592881m	16.18	ug/L	-1.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	6.45	46	158224m	27.51	ug/L	-0.62
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.02%
24) Chloroform-d	7.17	84	785821m	22.26	ug/L	-0.47
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	7.95	65	330588m	17.39	ug/L	-0.35
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.56%#
29) Benzene-d6	7.91	84	1523823m	22.93	ug/L	-0.36
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.72%
33) 1,2-Dichloropropane-d6	9.05	67	454313	21.99	ug/L	-0.22
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.96%
37) Toluene-d8	10.19	98	1301420	21.98	ug/L	-0.13
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.92%
38) trans-1,3-Dichloropropene-	10.48	79	149448	18.15	ug/L	-0.10
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.60%
39) 2-Hexanone-d5	10.84	63	100285	25.87	ug/L	-0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.74%
48) 1,1,2,2-Tetrachloroethane-	12.67	84	265593	16.38	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.52%
61) 1,2-Dichlorobenzene-d4	13.84	152	314658	18.54	ug/L	-0.01
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.16%#

Target Compounds					Ovalue
13) Acetone	3.11	43	22316m	3.623	ug/L
16) Methylene chloride	3.90	84	63499m	2.938	ug/L
44) Toluene	10.26	91	37560	0.547	ug/L

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

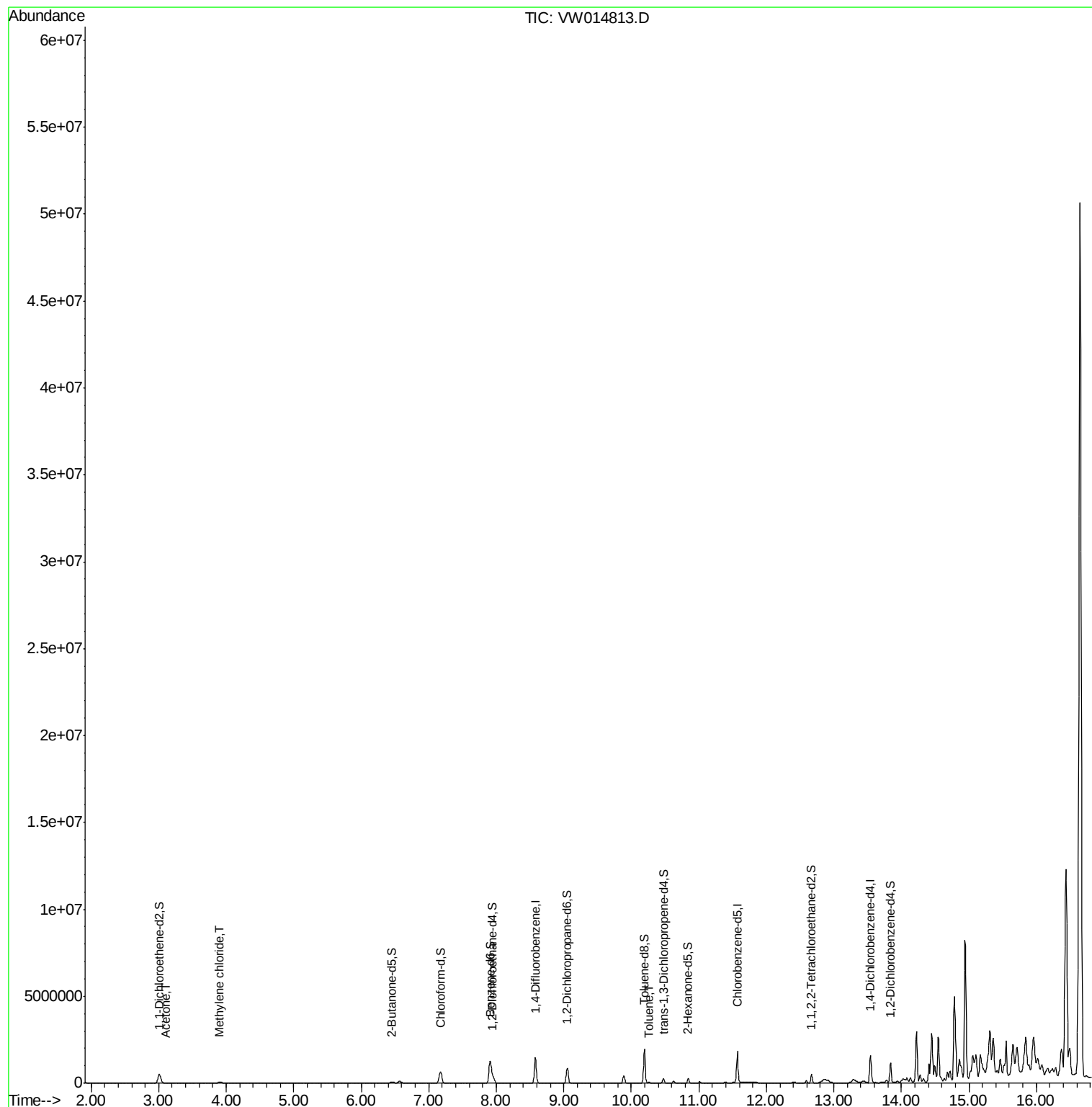
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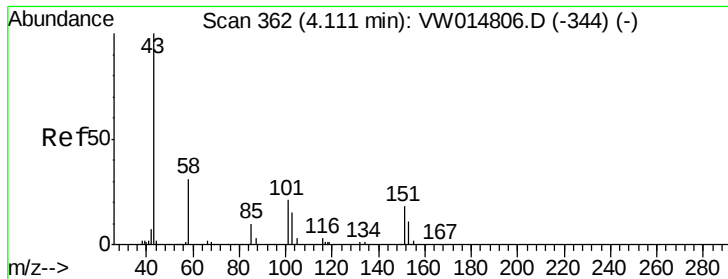
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#13

Acetone

Concen: 3.623 ug/L m

RT: 3.11 min Scan# 198

Delta R.T. -1.00 min

Lab File: VW014813.D

Acq: 30 Jan 2020 16:14

Tot Ion: 43 Resp: 22316

Ion Ratio Lower Upper

43 100

58 0.2 0.0 64.6

Instrument :

MSVOA_W

ClientSampleId :

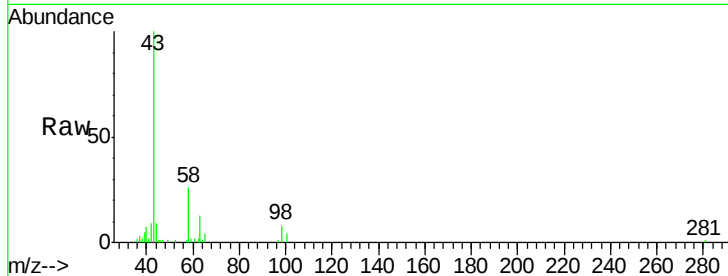
GAT08

Manual Integrations

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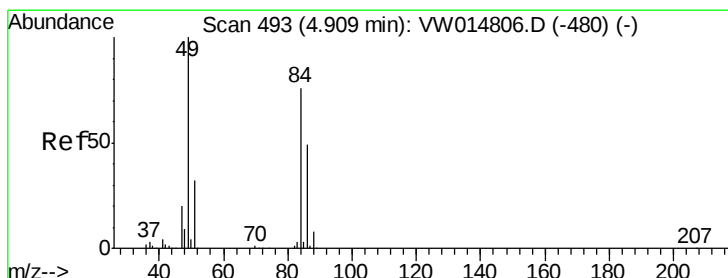
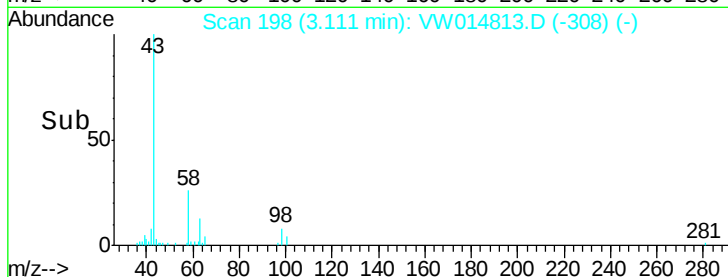
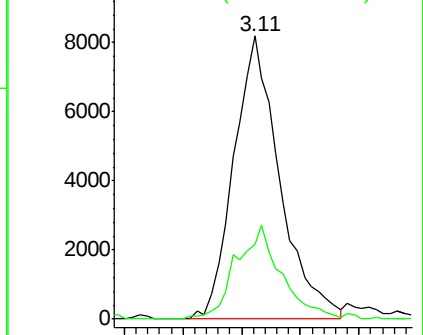
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.938 ug/L m

RT: 3.90 min Scan# 328

Delta R.T. -1.01 min

Lab File: VW014813.D

Acq: 30 Jan 2020 16:14

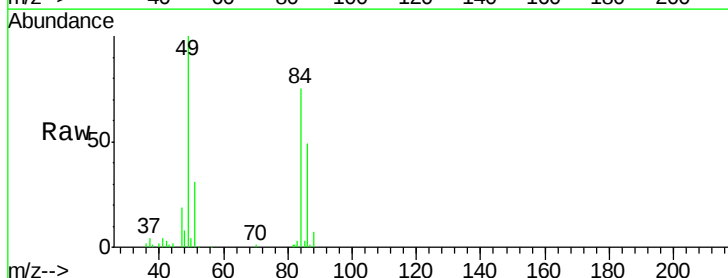
Tgt Ion: 84 Resp: 63499

Ion Ratio Lower Upper

84 100

49 133.4 90.9 168.7

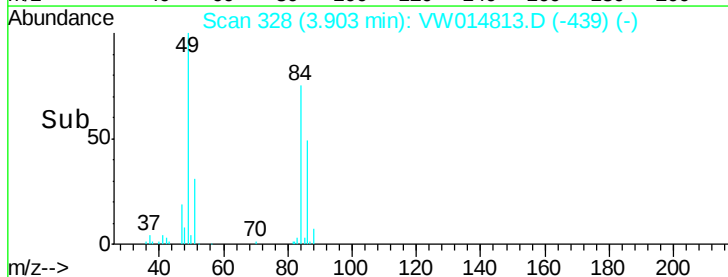
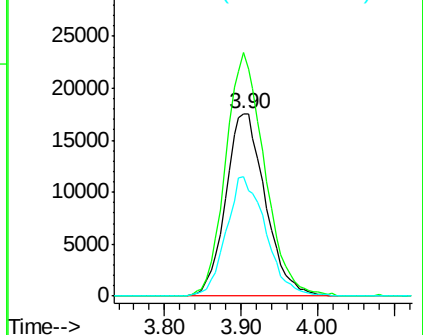
86 65.7 43.5 80.7

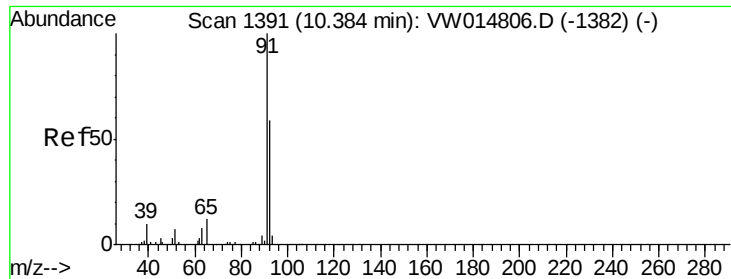


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44
Toluene
Concen: 0.547 ug/L
RT: 10.26 min Scan# 1371
Delta R.T. -0.12 min
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	55.8	40.7	75.7		

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