

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
 Data File : VW014847.D
 Acq On : 03 Feb 2020 20:53
 Operator : SY/VA
 Sample : L1323-14
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT52

Manual Integrations
 APPROVED

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 2/4/2020 3:39:59 PM

Quant Time: Feb 04 08:06:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 04 06:54:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	175053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	188291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	83409	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	44541	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.96%
7) Chloroethane-d5	2.89	69	53176	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.16%
10) 1,1-Dichloroethene-d2	4.01	63	86469	14.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.40%
20) 2-Butanone-d5	7.08	46	71154	69.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.10%#
24) Chloroform-d	7.65	84	133387	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.30	65	88243	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.68%
29) Benzene-d6	8.27	84	265208	19.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.92%
33) 1,2-Dichloropropane-d6	9.27	67	96066	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.32%
37) Toluene-d8	10.32	98	220458	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.12%
38) trans-1,3-Dichloropropene-	10.58	79	36836	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.93	63	47270	55.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97980	28.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	89800	25.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.80%

Target Compounds					Ovalue
13) Acetone	4.13	43	11519m	10.336	ug/L
16) Methylene chloride	4.92	84	10684	3.305	ug/L
44) Toluene	10.38	91	4779	0.362	ug/L

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

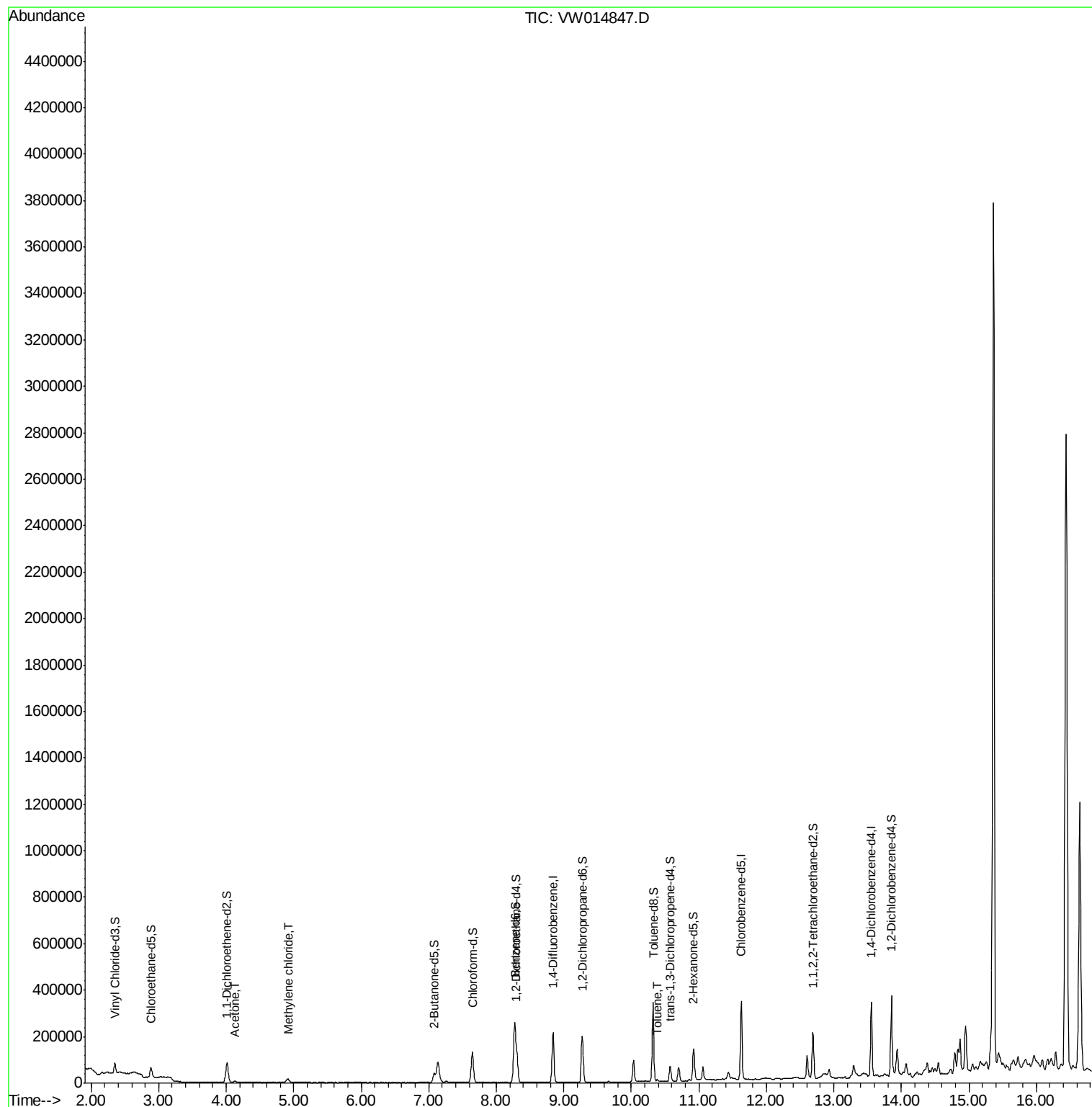
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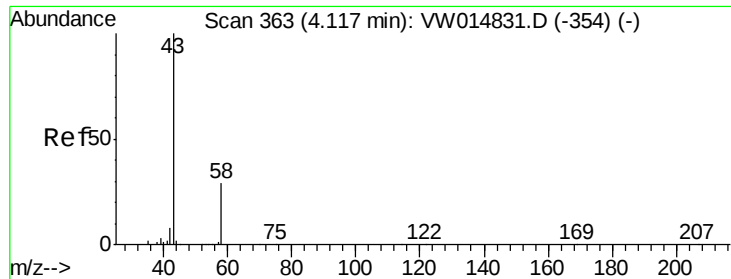
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Response via : Initial Calibration





#13

Acetone

Concen: 10.336 ug/L m

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW014847.D

Acq: 03 Feb 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

GAT52

Tot Ion: 43 Resp: 11519

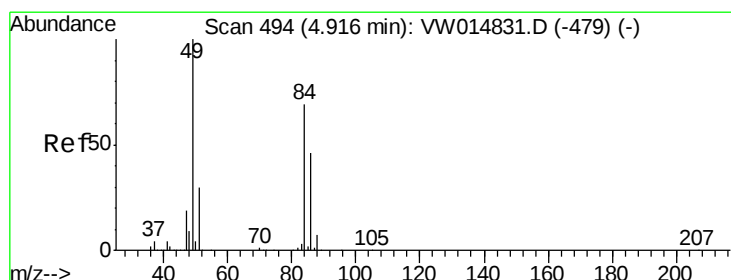
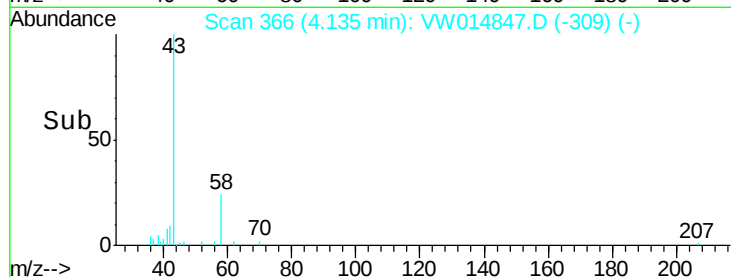
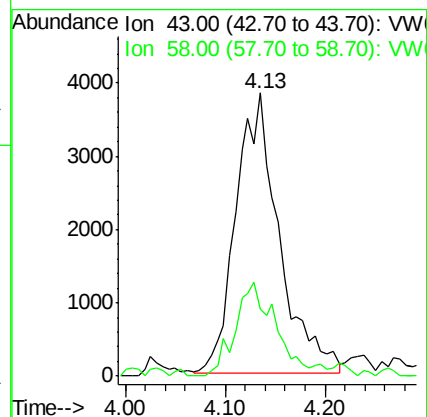
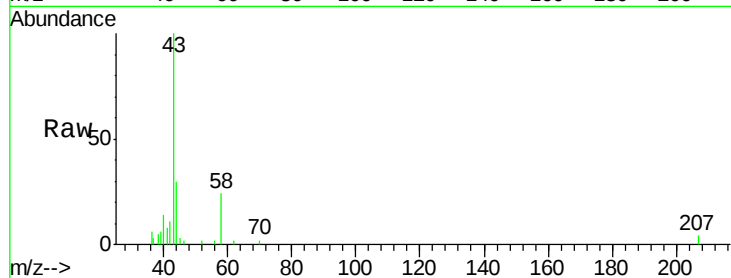
Ion Ratio Lower Upper

43 100

58 18.6 0.0 60.2

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#16

Methylene chloride

Concen: 3.305 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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Acq: 03 Feb 2020 20:53

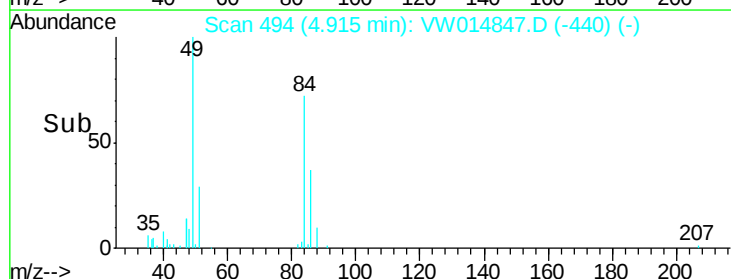
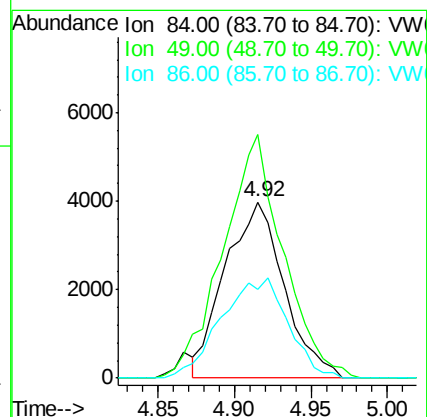
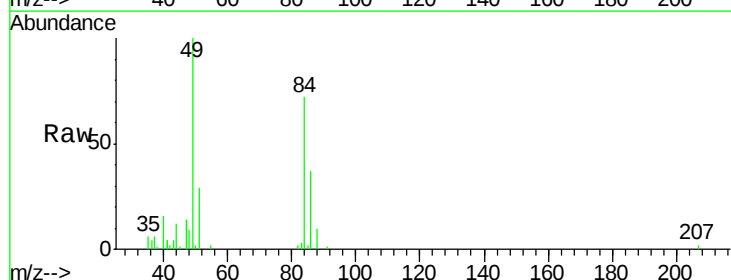
Tgt Ion: 84 Resp: 10684

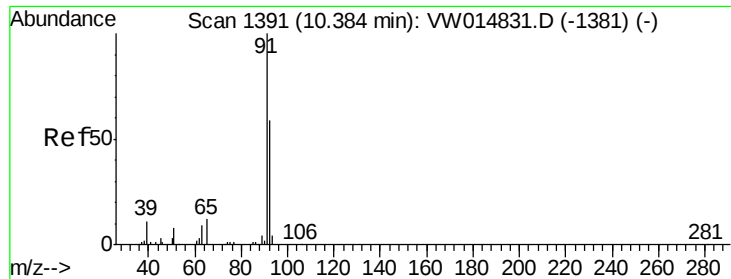
Ion Ratio Lower Upper

84 100

49 138.0 96.6 179.4

86 50.4 43.8 81.4





#44
Toluene
Concen: 0.362 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		4779		
92	46.8			41.6	77.2

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