

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014636.D
 Acq On : 14 Jan 2020 16:39
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 1/16/2020 1:50:59 PM

Quant Time: Jan 15 02:37:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1095867	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	994149	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	461472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	353816	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
7) Chloroethane-d5	2.89	69	285322	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.28%
10) 1,1-Dichloroethene-d2	4.02	63	523361	18.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.08%
20) 2-Butanone-d5	7.07	46	230934	62.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.64%
24) Chloroform-d	7.65	84	664692	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	8.31	65	369794	28.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.04%
29) Benzene-d6	8.27	84	1458470	27.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.36%
33) 1,2-Dichloropropane-d6	9.27	67	446964	28.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.48%
37) Toluene-d8	10.32	98	1323213	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.44%
38) trans-1,3-Dichloropropene-	10.57	79	180650	27.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.08%
39) 2-Hexanone-d5	10.92	63	183574	67.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.08%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	370045	31.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.00%#
61) 1,2-Dichlorobenzene-d4	13.85	152	464256	30.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.12%#

Target Compounds					Ovalue
13) Acetone	4.12	43	20061	3.942 ug/L	67
16) Methylene chloride	4.92	84	31387m	1.756 ug/L	

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

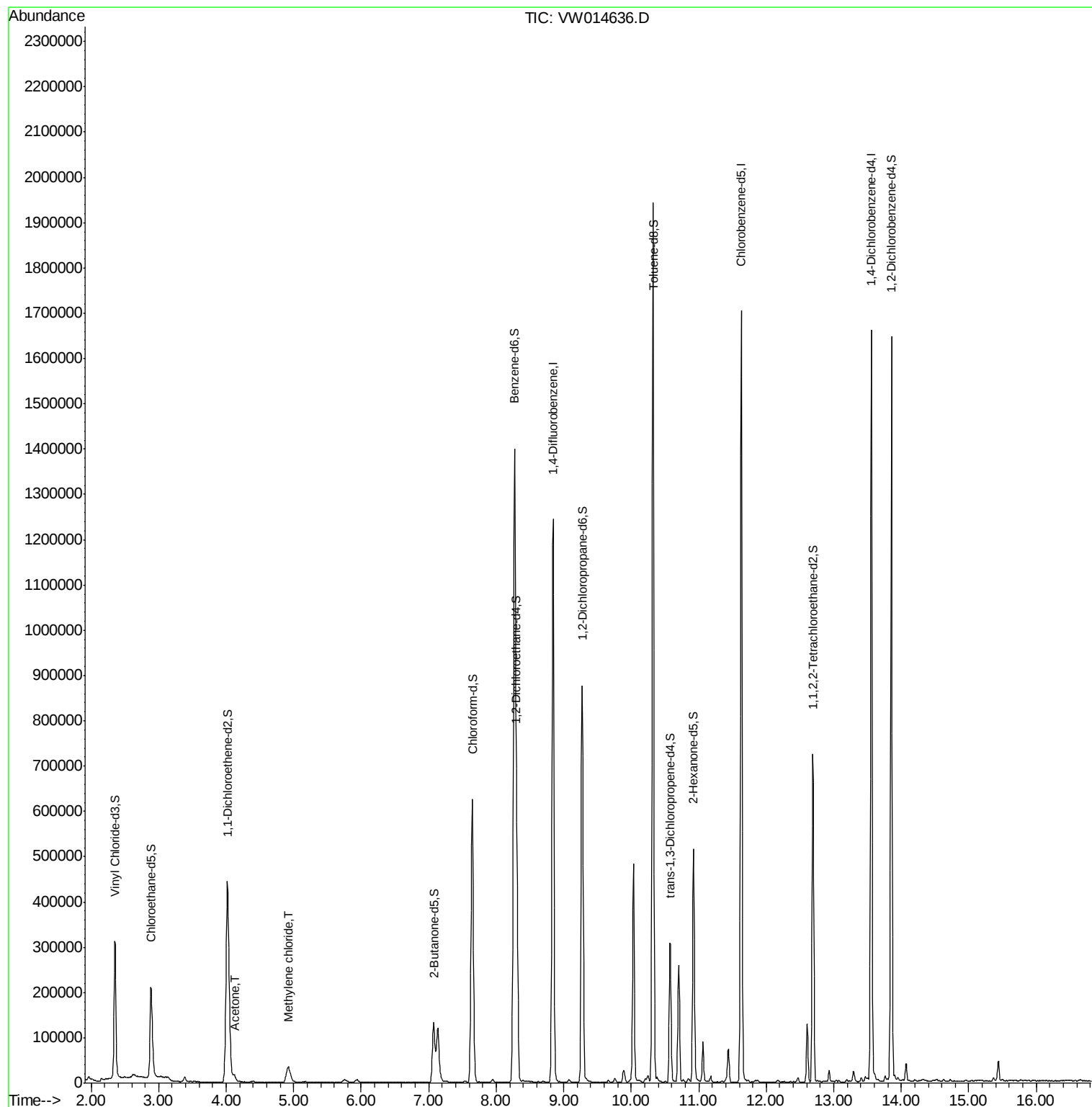
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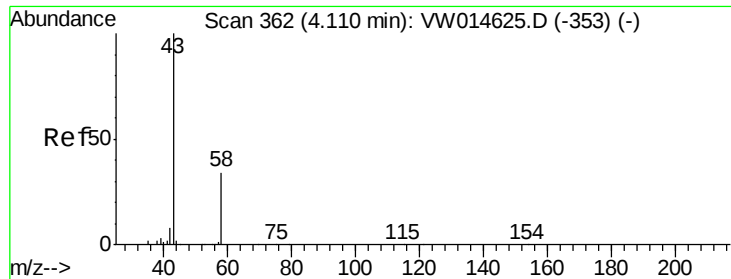
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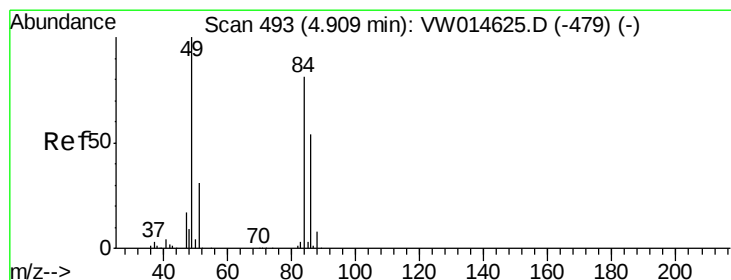
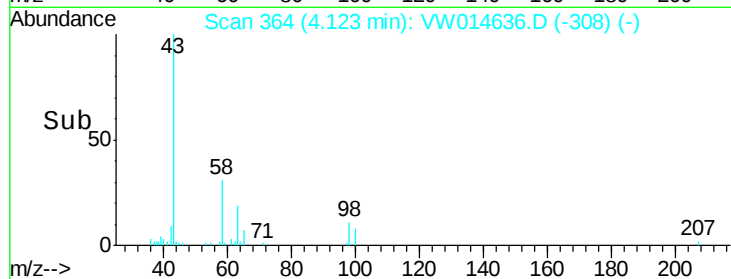
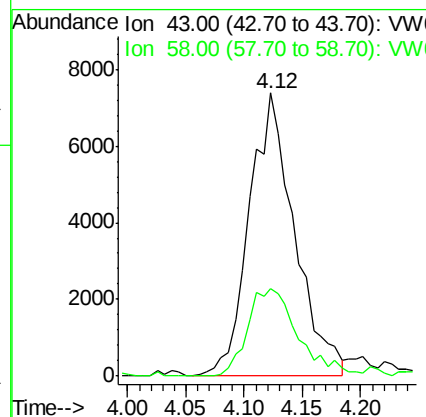
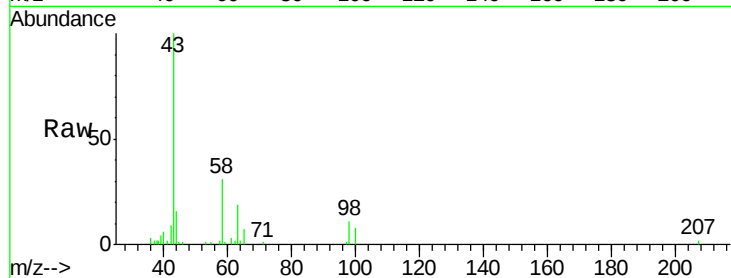
#13
Acetone
Concen: 3.942 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014636.D
Acq: 14 Jan 2020 16:39

Instrument :
MSVOA_W
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VIBLK

Tot Ion	Ratio	Lower	Upper
43	100		
58	13.4	0.0	64.0

Manual Integrations
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#16
Methylene chloride
Concen: 1.756 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014636.D
Acq: 14 Jan 2020 16:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	85.8	159.4
86	68.5	44.5	82.7

