

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009872.D
 Acq On : 10 Apr 2019 09:39
 Operator : SY/VA
 Sample : K2278-24
 Misc : 5.04G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB701

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:07:24 PM

Quant Time: Apr 11 01:36:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 08:15:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	418060	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	421940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169215	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101877	18.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.48%
7) Chloroethane-d5	2.89	69	106105	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.68%
10) 1,1-Dichloroethene-d2	4.01	63	200600m	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	7.08	46	121081	68.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.34%#
24) Chloroform-d	7.65	84	335192	29.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.52%
26) 1,2-Dichloroethane-d4	8.31	65	228158	32.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.32%#
29) Benzene-d6	8.27	84	586777	26.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.96%
33) 1,2-Dichloropropane-d6	9.27	67	200545	29.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.24%
37) Toluene-d8	10.32	98	507503	24.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.12%
38) trans-1,3-Dichloropropene-	10.58	79	80467	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.64%
39) 2-Hexanone-d5	10.93	63	79816	61.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	193740	30.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.84%#
61) 1,2-Dichlorobenzene-d4	13.86	152	188749	31.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.16%#

Target Compounds				Ovalue
13) Acetone	4.12	43	7384m	3.880 ug/L
16) Methylene chloride	4.92	84	17059m	2.314 ug/L

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

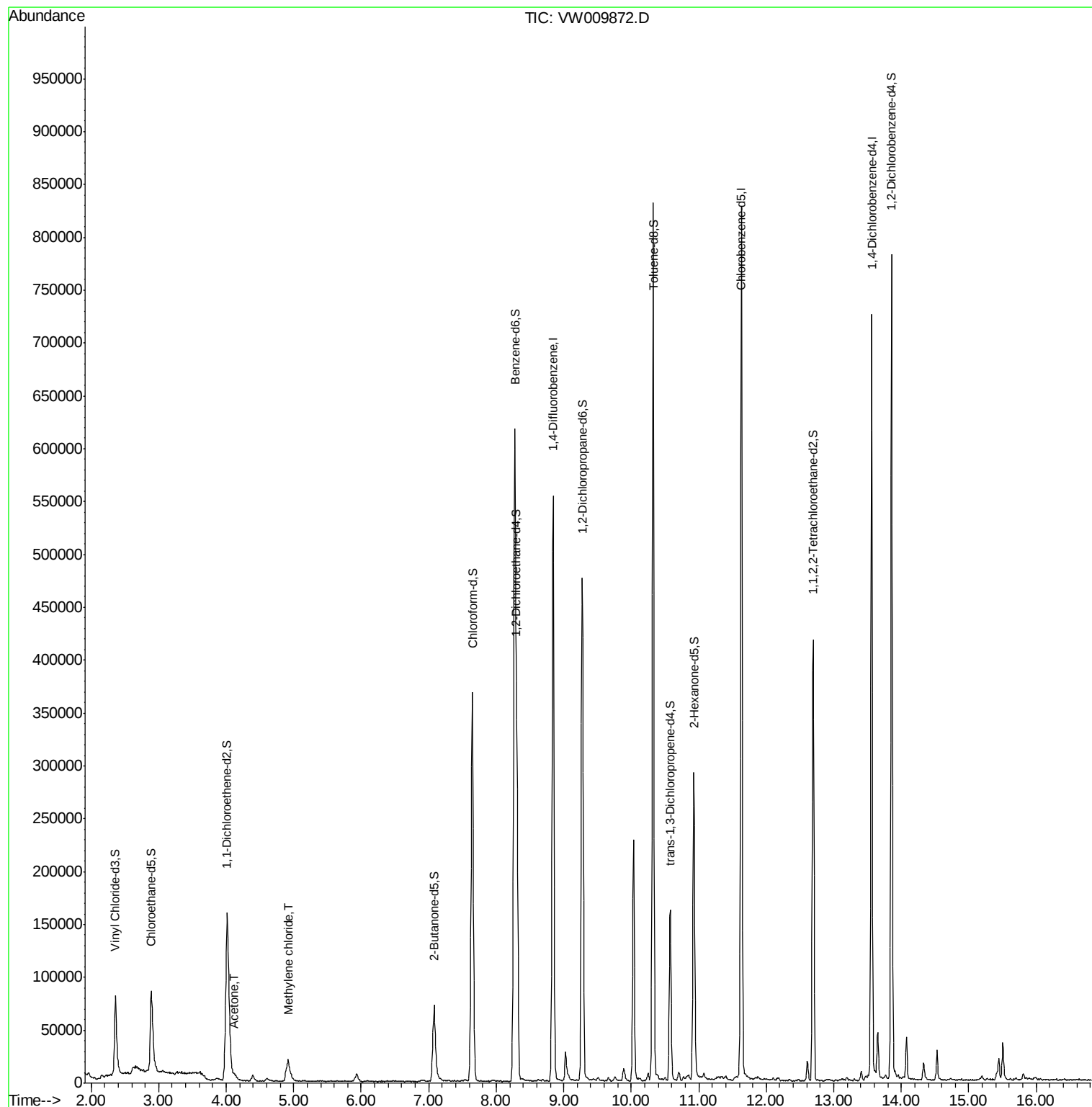
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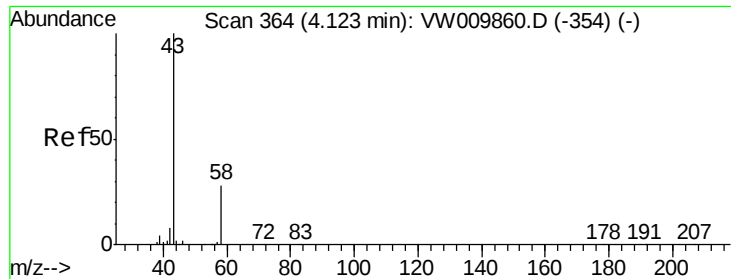
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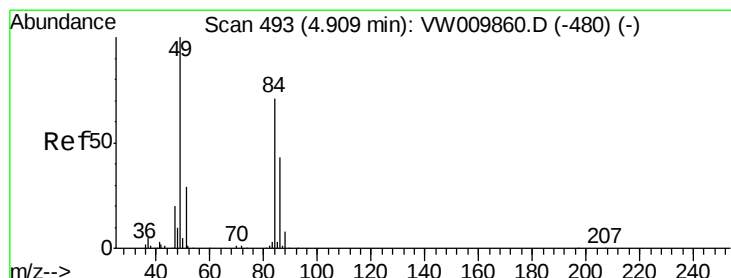
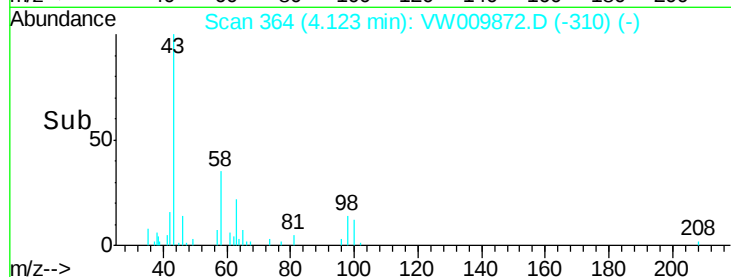
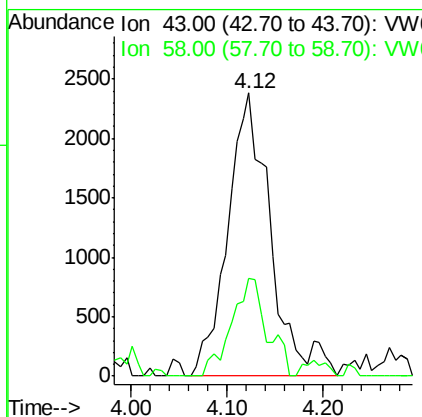
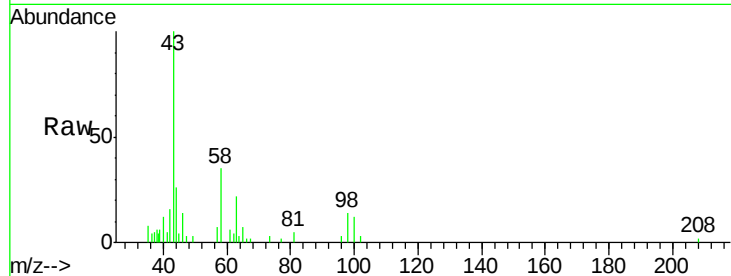
#13
Acetone
Concen: 3.880 ug/L m
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009872.D
Acq: 10 Apr 2019 09:39

Instrument :
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Tot Ion: 43 Resp: 7384
Ion Ratio Lower Upper
43 100
58 22.0 0.0 53.0

Manual Integrations
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#16
Methylene chloride
Concen: 2.314 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009872.D
Acq: 10 Apr 2019 09:39

Tgt Ion: 84 Resp: 17059
Ion Ratio Lower Upper
84 100
49 140.3 98.3 182.5
86 59.3 46.4 86.2

