

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009817.D
 Acq On : 08 Apr 2019 23:06
 Operator : SY/VA
 Sample : K2217-09
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF618

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:03:00 PM

Quant Time: Apr 09 05:49:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 02:37:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	407399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159457	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121251	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
7) Chloroethane-d5	2.89	69	111255	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
10) 1,1-Dichloroethene-d2	4.01	63	210325	18.35	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.40%
20) 2-Butanone-d5	7.08	46	146321	84.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.06%#
24) Chloroform-d	7.64	84	312619	28.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.48%
26) 1,2-Dichloroethane-d4	8.31	65	217437	31.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.44%
29) Benzene-d6	8.27	84	571228	27.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.64%
33) 1,2-Dichloropropane-d6	9.27	67	183937	29.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.40%
37) Toluene-d8	10.32	98	489531	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.58	79	79200	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.08%
39) 2-Hexanone-d5	10.93	63	89674	75.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.52%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	199461	33.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.76%#
61) 1,2-Dichlorobenzene-d4	13.85	152	164903	29.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.88%

Target Compounds					Ovalue
13) Acetone	4.12	43	9964	5.373 ug/L	77
16) Methylene chloride	4.92	84	20449m	2.846 ug/L	

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

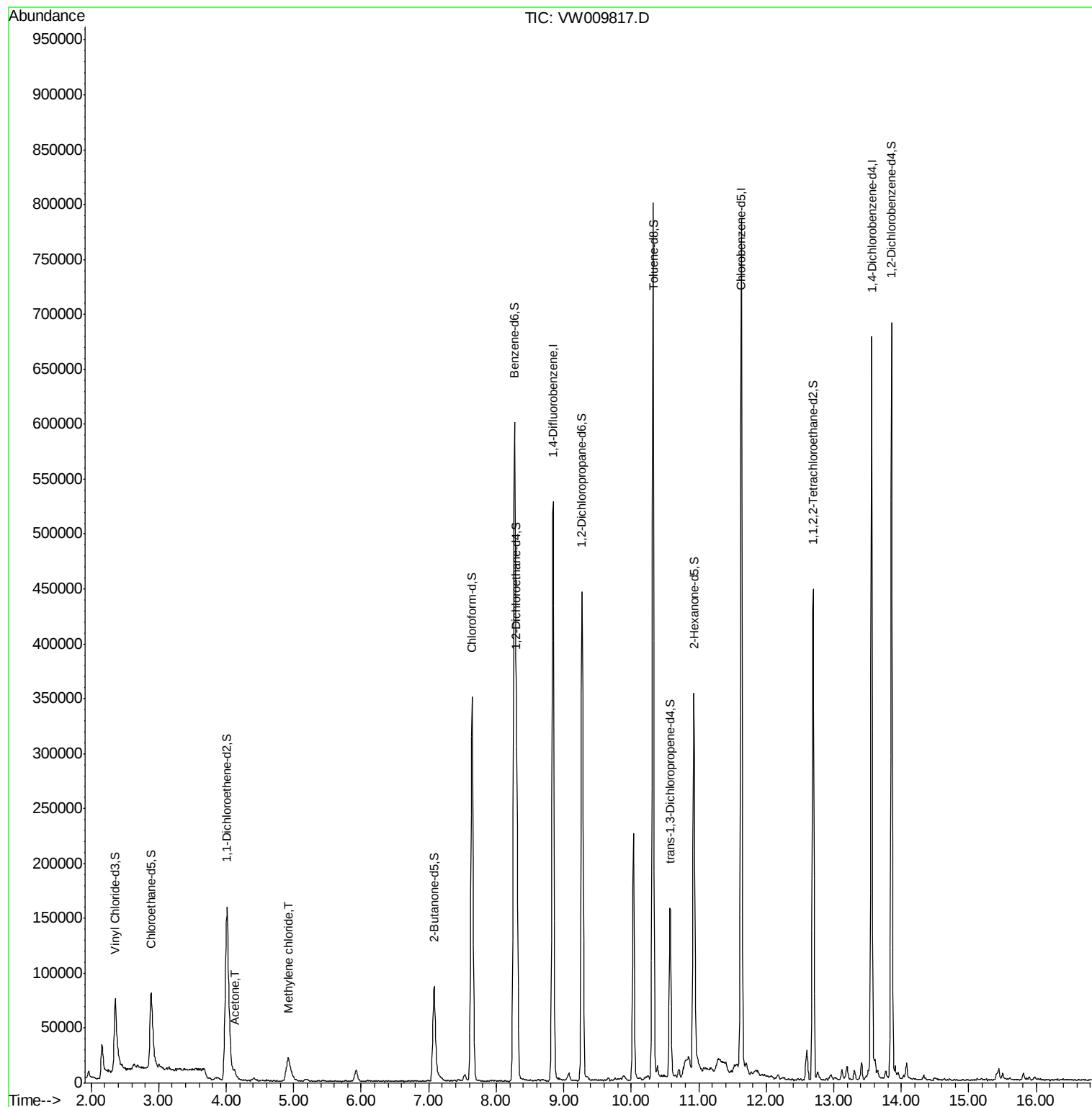
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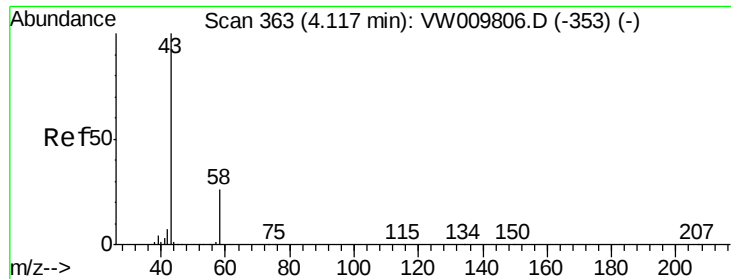
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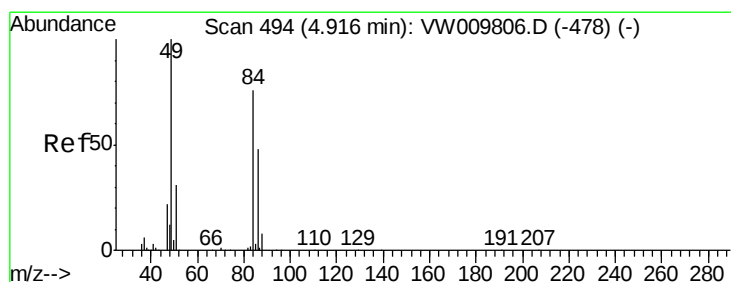
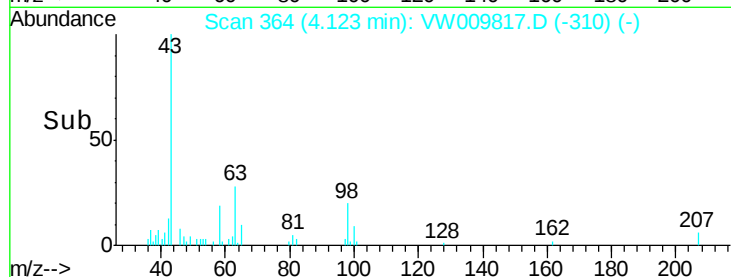
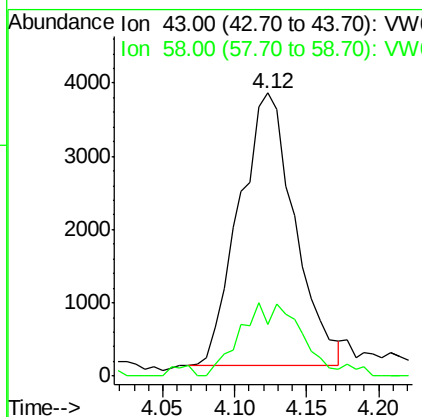
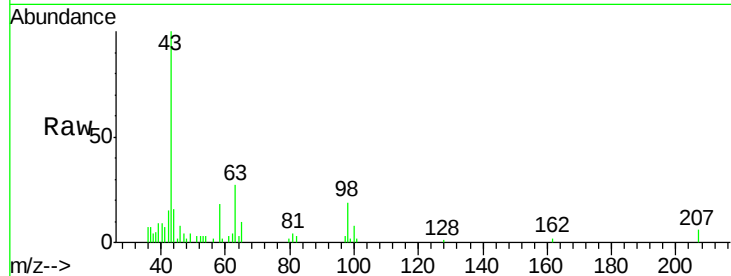
#13
Acetone
Concen: 5.373 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009817.D
Acq: 08 Apr 2019 23:06

Instrument :
MSVOA_W
ClientSampled :
BF618

Tot Ion	Ratio	Lower	Upper
43	100		
58	14.6	0.0	53.0

Manual Integrations
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#16
Methylene chloride
Concen: 2.846 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009817.D
Acq: 08 Apr 2019 23:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.3	98.3	182.5
86	66.7	46.4	86.2

