

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009839.D
 Acq On : 09 Apr 2019 14:13
 Operator : SY/VA
 Sample : K2218-04RE
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5Z4RE

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:04:53 PM

Quant Time: Apr 10 04:28:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	418691	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140666	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133370	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.36%
7) Chloroethane-d5	2.89	69	123924	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	4.01	63	242690	20.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.40%
20) 2-Butanone-d5	7.07	46	139447	78.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.78%#
24) Chloroform-d	7.65	84	336498	29.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	8.31	65	221843	31.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.52%
29) Benzene-d6	8.27	84	609335	30.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.44%
33) 1,2-Dichloropropane-d6	9.27	67	196165	31.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.64%#
37) Toluene-d8	10.32	98	515788	28.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.12%
38) trans-1,3-Dichloropropene-	10.57	79	80195	27.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.40%
39) 2-Hexanone-d5	10.93	63	85509	73.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.58%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	191447	33.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.96%#
61) 1,2-Dichlorobenzene-d4	13.86	152	154249	31.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.00%#

Target Compounds				Ovalue
13) Acetone	4.12	43	5621	2.949 ug/L 79
16) Methylene chloride	4.92	84	26542m	3.594 ug/L

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

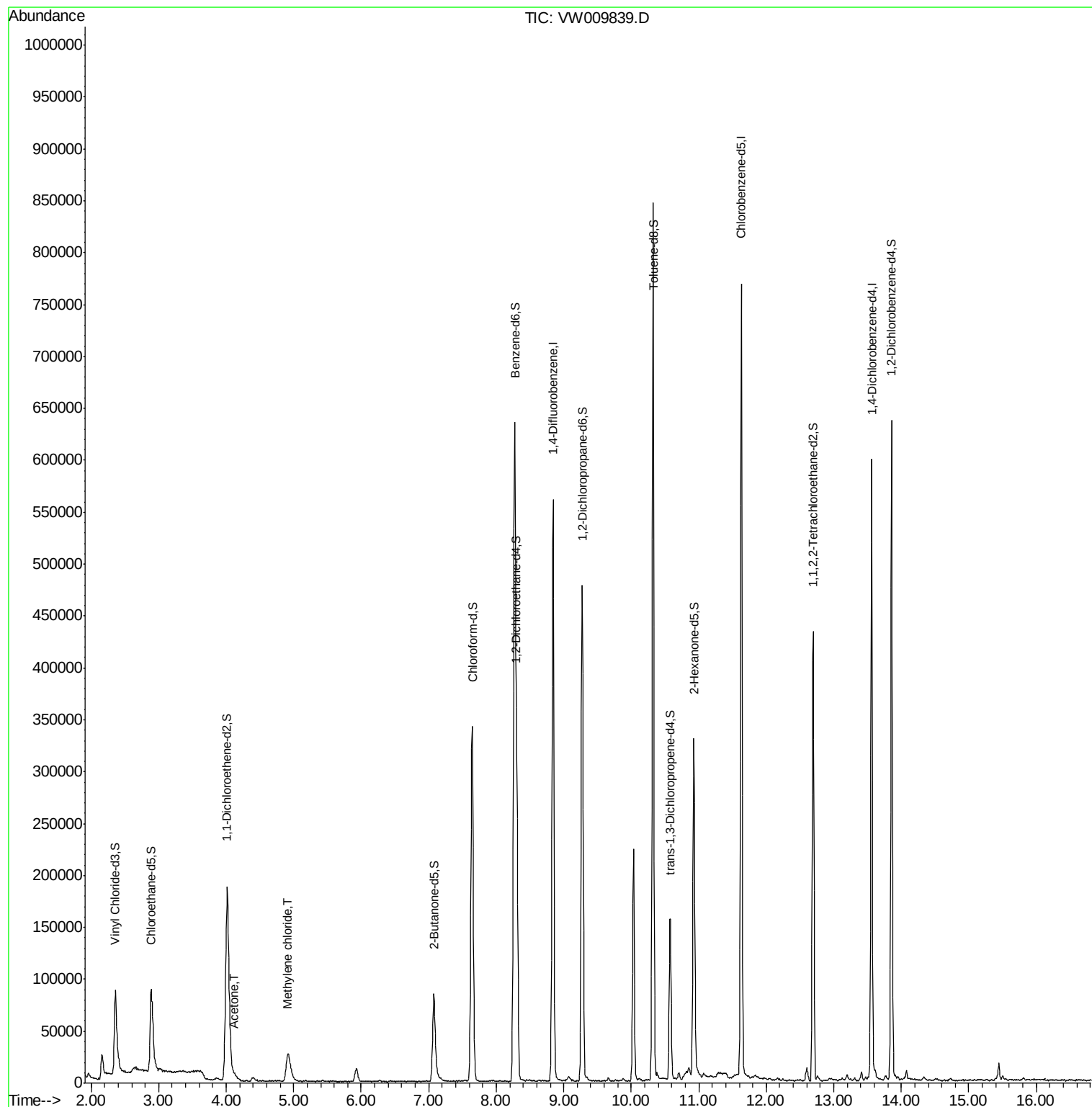
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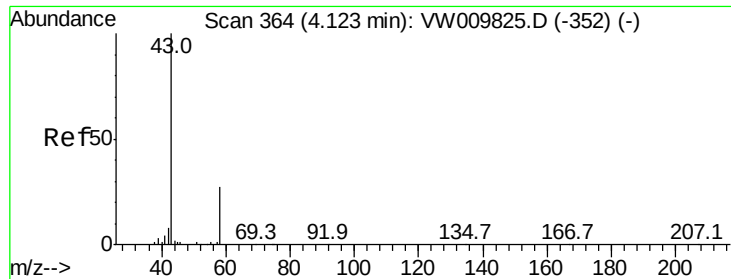
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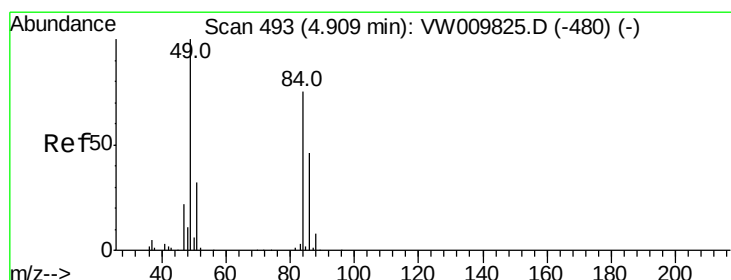
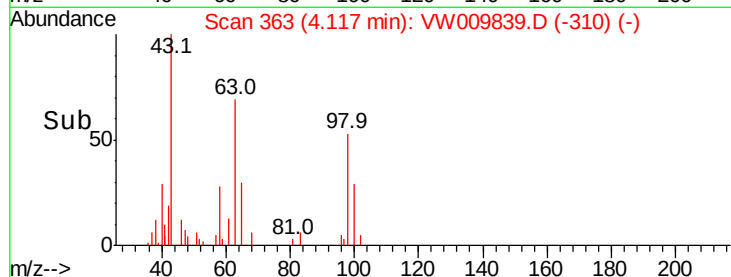
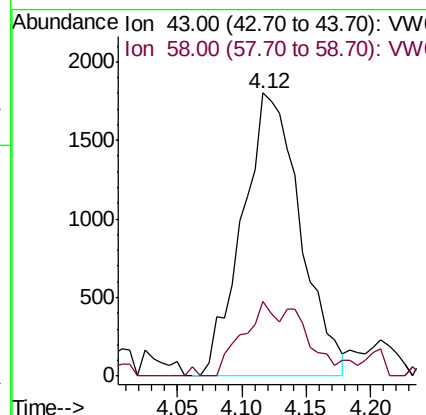
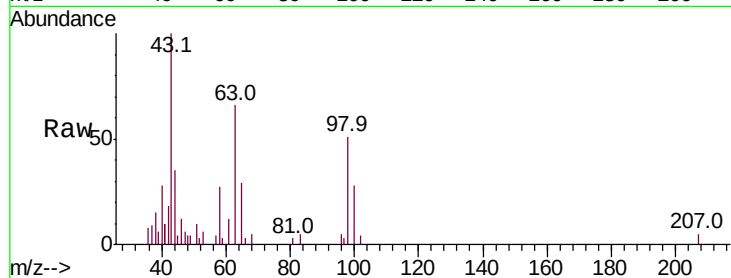
#13
Acetone
Concen: 2.949 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009839.D
Acq: 09 Apr 2019 14:13

Instrument :
MSVOA_W
ClientSampled :
BF5Z4RE

Tot Ion: 43 Resp: 5621
Ion Ratio Lower Upper
43 100
58 15.9 0.0 53.0

Manual Integrations
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#16
Methylene chloride
Concen: 3.594 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009839.D
Acq: 09 Apr 2019 14:13

Tgt Ion: 84 Resp: 26542
Ion Ratio Lower Upper
84 100
49 128.3 98.3 182.5
86 63.8 46.4 86.2

