

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\
 Data File : VW009833.D
 Acq On : 09 Apr 2019 11:14
 Operator : SY/VA
 Sample : K2303-02
 Misc : 3.70G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF897

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 04:01:44 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	433528	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367198	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118668	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125202	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
7) Chloroethane-d5	2.89	69	119018	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
10) 1,1-Dichloroethene-d2	4.01	63	224949	18.44	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.76%
20) 2-Butanone-d5	7.08	46	94549	51.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.66%
24) Chloroform-d	7.64	84	317322	26.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.28%
26) 1,2-Dichloroethane-d4	8.31	65	202648	27.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.60%
29) Benzene-d6	8.27	84	571161	29.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.52%
33) 1,2-Dichloropropane-d6	9.27	67	181455	30.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.92%#
37) Toluene-d8	10.32	98	466240	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.64%
38) trans-1,3-Dichloropropene-	10.57	79	69197	24.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.48%
39) 2-Hexanone-d5	10.93	63	57829	51.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148242	26.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	113479	27.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.00%

Target Compounds					Ovalue
13) Acetone	4.12	43	5103	2.586 ug/L	80
16) Methylene chloride	4.91	84	12318m	1.611 ug/L	

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

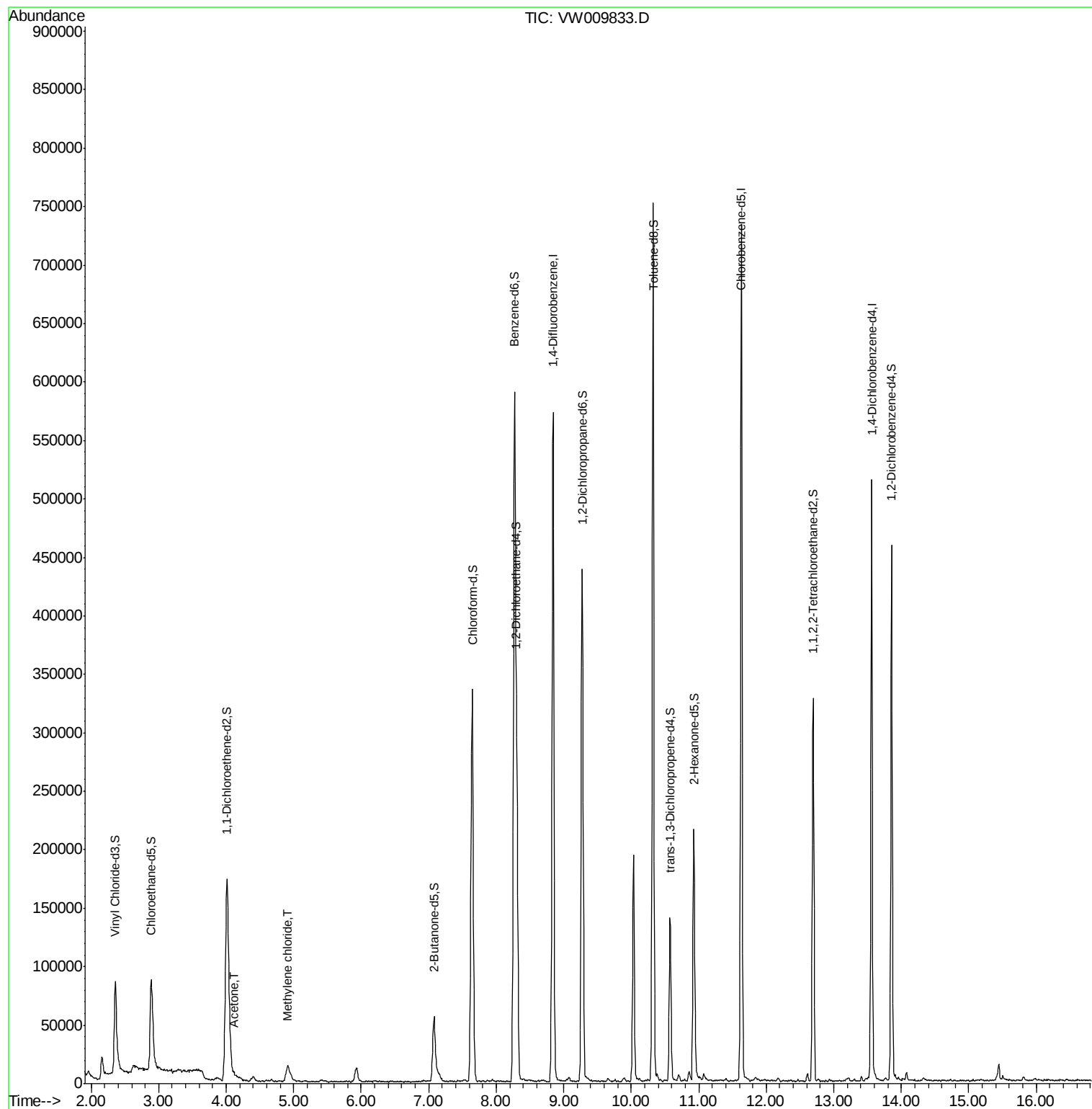
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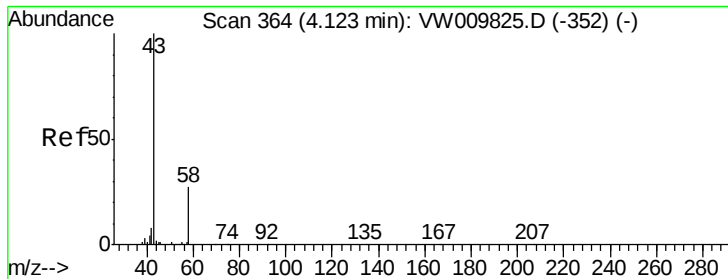
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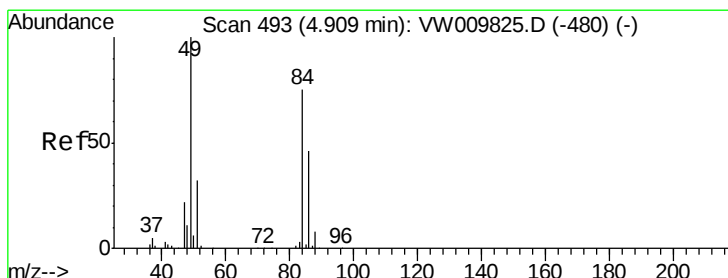
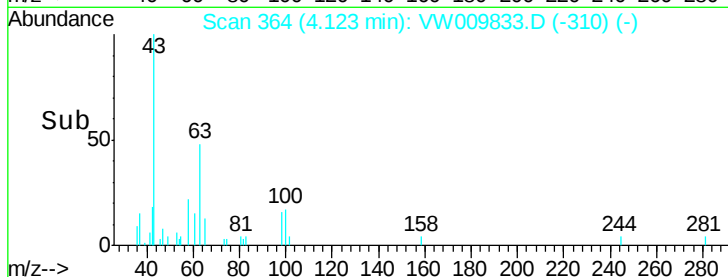
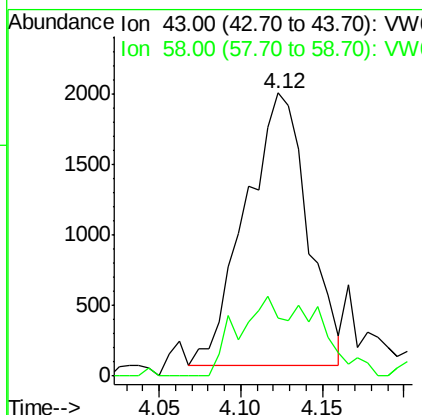
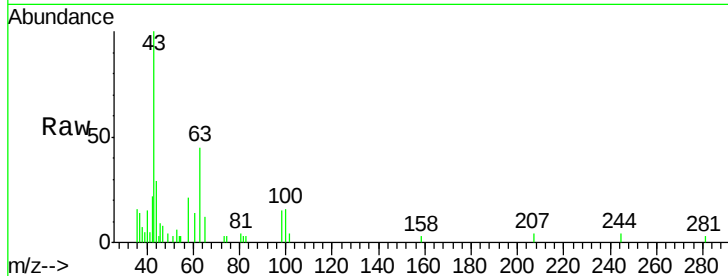
#13
Acetone
Concen: 2.586 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009833.D
Acq: 09 Apr 2019 11:14

Instrument :
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Tot Ion: 43 Resp: 5103
Ion Ratio Lower Upper
43 100
58 16.0 0.0 53.0

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#16
Methylene chloride
Concen: 1.611 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009833.D
Acq: 09 Apr 2019 11:14

Tgt Ion: 84 Resp: 12318
Ion Ratio Lower Upper
84 100
49 136.7 98.3 182.5
86 66.5 46.4 86.2

