

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009827.D
 Acq On : 09 Apr 2019 05:54
 Operator : SY/VA
 Sample : K2273-02
 Misc : 5.18G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC52

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:03:41 PM

Quant Time: Apr 09 08:07:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:56:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	387054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133869	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133195	23.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.60%
7) Chloroethane-d5	2.89	69	128202	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
10) 1,1-Dichloroethene-d2	4.01	63	235147	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.64%
20) 2-Butanone-d5	7.08	46	103819	56.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.54%
24) Chloroform-d	7.65	84	329573	28.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.24%
26) 1,2-Dichloroethane-d4	8.31	65	206717m	28.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.68%
29) Benzene-d6	8.27	84	603125	29.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.72%
33) 1,2-Dichloropropane-d6	9.27	67	190650	30.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.52%#
37) Toluene-d8	10.32	98	506731	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.88%
38) trans-1,3-Dichloropropene-	10.57	79	61052	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.60%
39) 2-Hexanone-d5	10.93	63	61641	52.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155188	26.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	145218	30.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.64%#

Target Compounds					Ovalue
13) Acetone	4.12	43	37562	19.171 ug/L	99
16) Methylene chloride	4.93	84	21442m	2.825 ug/L	

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

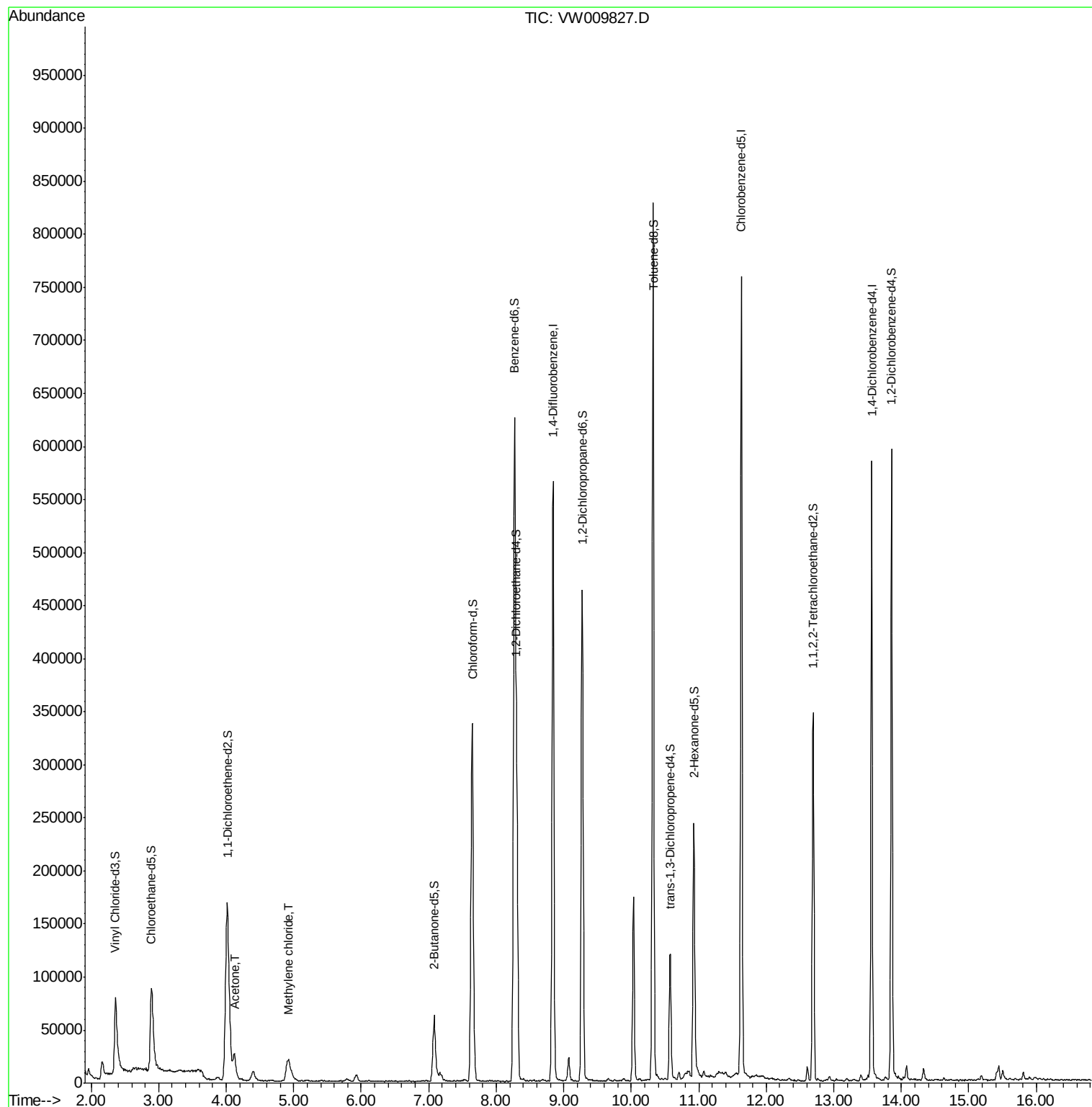
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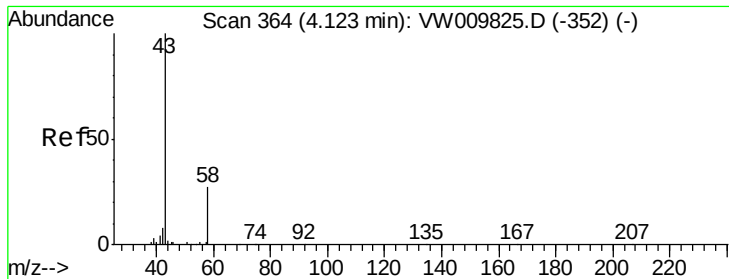
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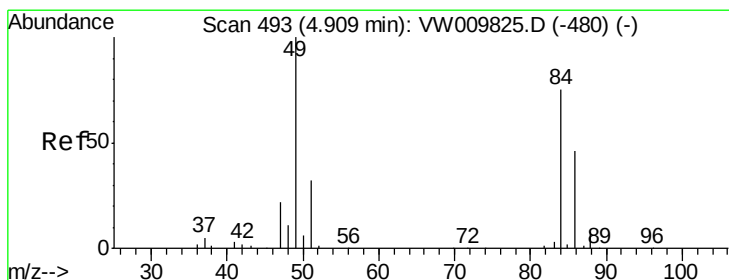
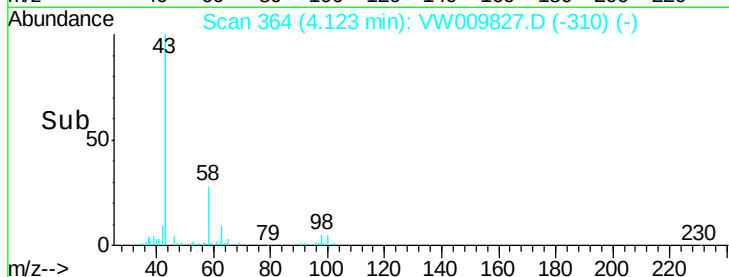
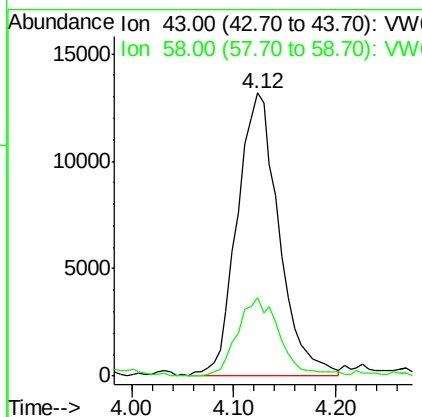
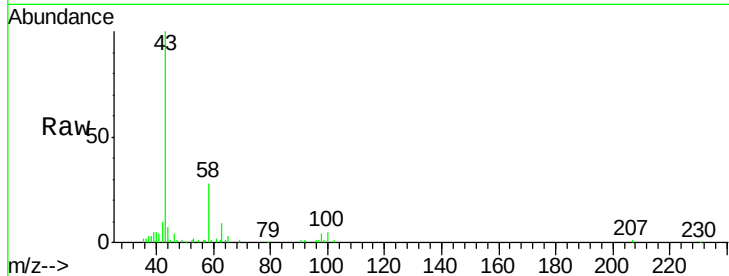
#13
Acetone
Concen: 19.171 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009827.D
Acq: 09 Apr 2019 05:54

Instrument :
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Tot Ion: 43 Resp: 37562
Ion Ratio Lower Upper
43 100
58 26.8 0.0 53.0

Manual Integrations
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#16
Methylene chloride
Concen: 2.825 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW009827.D
Acq: 09 Apr 2019 05:54

Tgt Ion: 84 Resp: 21442
Ion Ratio Lower Upper
84 100
49 145.5 98.3 182.5
86 59.4 46.4 86.2

