

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009919.D
 Acq On : 11 Apr 2019 17:11
 Operator : SY/VA
 Sample : K2303-14
 Misc : 5.61G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF882

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:30 AM

Quant Time: Apr 12 03:52:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314992	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328635	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118018	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	61082	14.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.28%
7) Chloroethane-d5	2.89	69	69231	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
10) 1,1-Dichloroethene-d2	4.01	63	132087	14.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.60%
20) 2-Butanone-d5	7.07	46	79498	59.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.80%
24) Chloroform-d	7.64	84	258275	30.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.20%
26) 1,2-Dichloroethane-d4	8.31	65	178044	33.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	134.96%#
29) Benzene-d6	8.27	84	443312	25.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.80%
33) 1,2-Dichloropropane-d6	9.27	67	158572	29.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.04%
37) Toluene-d8	10.32	98	374309	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.88%
38) trans-1,3-Dichloropropene-	10.57	79	56958	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.64%
39) 2-Hexanone-d5	10.93	63	35824	35.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148086	29.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	132287	31.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.76%#

Target Compounds				Ovalue
13) Acetone	4.11	43	10481m	7.309 ug/L
16) Methylene chloride	4.92	84	17073m	3.073 ug/L

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

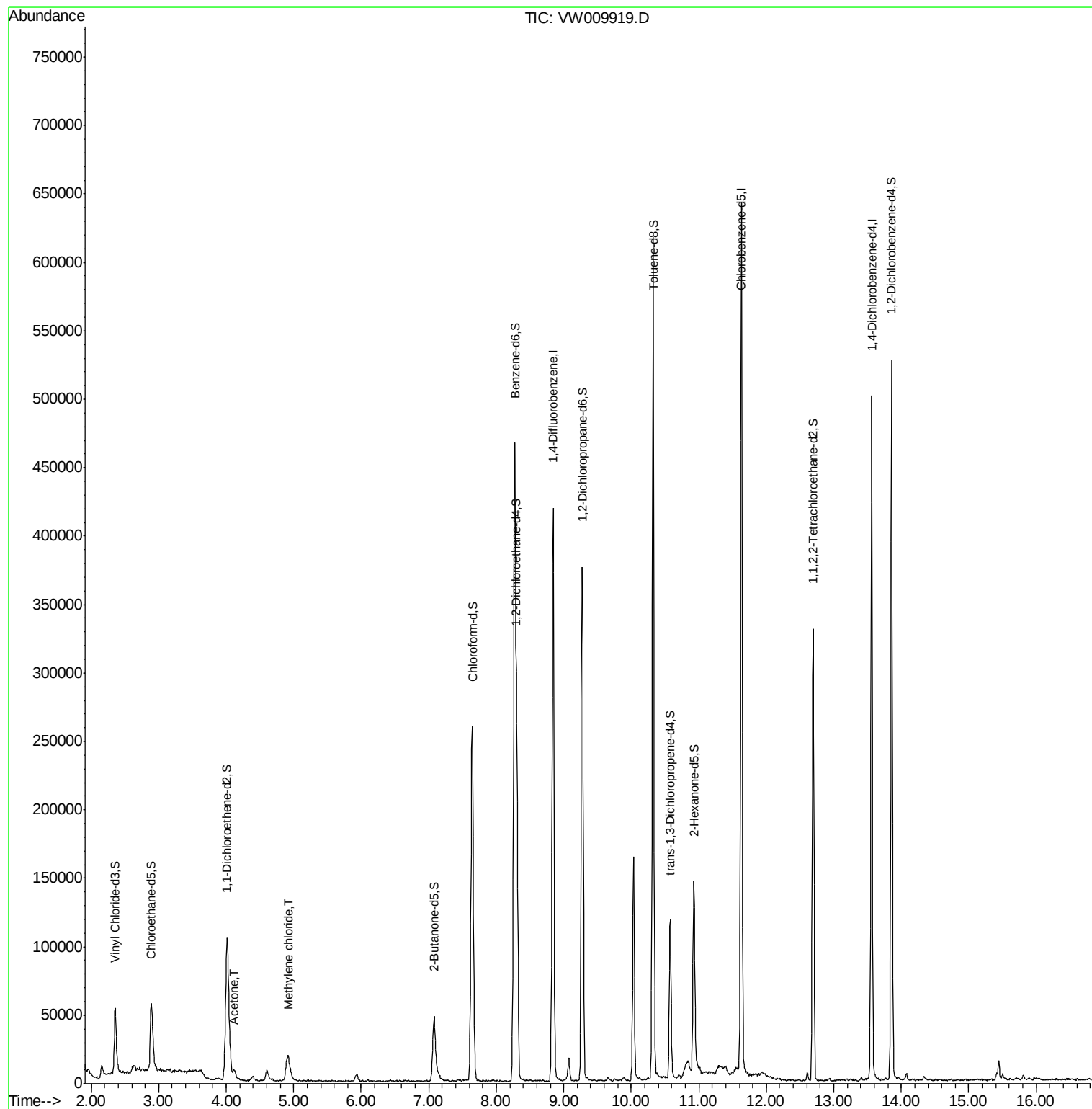
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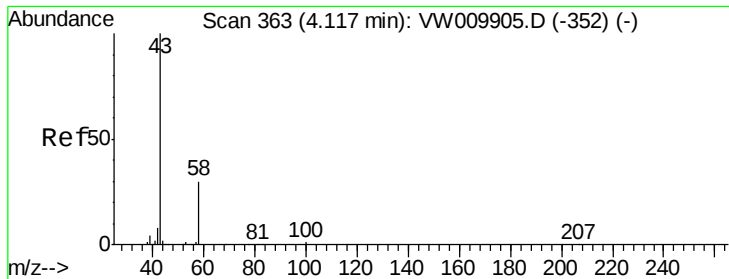
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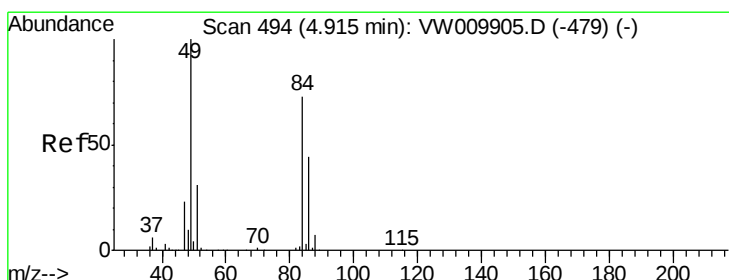
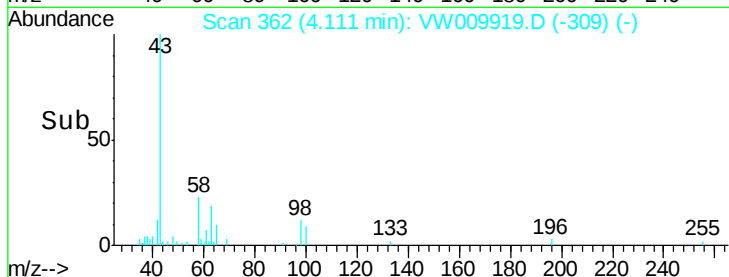
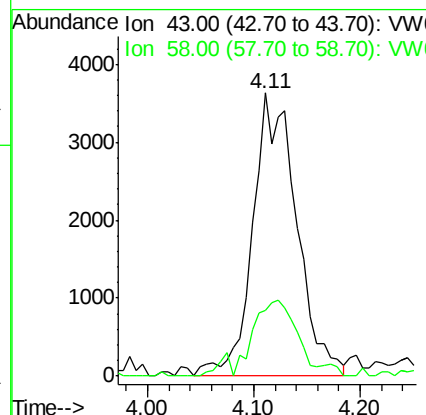
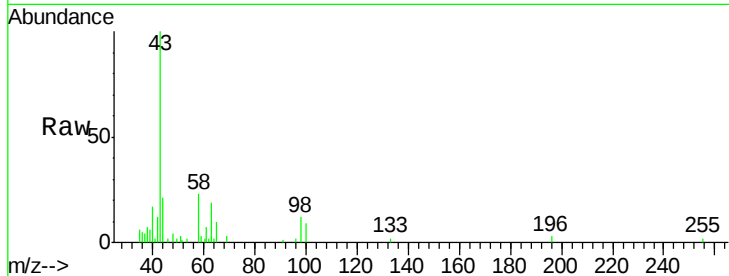
#13
Acetone
Concen: 7.309 ug/L m
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW009919.D
Acq: 11 Apr 2019 17:11

Instrument :
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Tot Ion	Ratio	Lower	Upper
43	100		
58	26.0	0.0	53.0

Manual Integrations
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4/15/2019 12:30:30 AM



#16
Methylene chloride
Concen: 3.073 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009919.D
Acq: 11 Apr 2019 17:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	98.3	182.5
86	58.9	46.4	86.2

