

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009391.D
 Acq On : 23 Mar 2019 15:34
 Operator : SY/VA
 Sample : K2062-12
 Misc : 5.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF1H8

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:29 AM

Quant Time: Mar 24 01:24:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 22:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	350522	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337384	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146195	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	86898	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.00%
7) Chloroethane-d5	2.89	69	89735	18.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.24%
10) 1,1-Dichloroethene-d2	4.01	63	138149	15.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.04%
20) 2-Butanone-d5	7.07	46	90658	52.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.66%
24) Chloroform-d	7.65	84	214429	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.30	65	134815	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.27	84	384364	20.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.64%
33) 1,2-Dichloropropane-d6	9.27	67	122046	21.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.36%
37) Toluene-d8	10.32	98	332811	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.36%
38) trans-1,3-Dichloropropene-	10.58	79	54644	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.88%
39) 2-Hexanone-d5	10.93	63	65949	48.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132060	23.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	127557	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds					Ovalue
13) Acetone	4.12	43	15786	11.112 ug/L	52
16) Methylene chloride	4.92	84	8763m	1.714 ug/L	

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

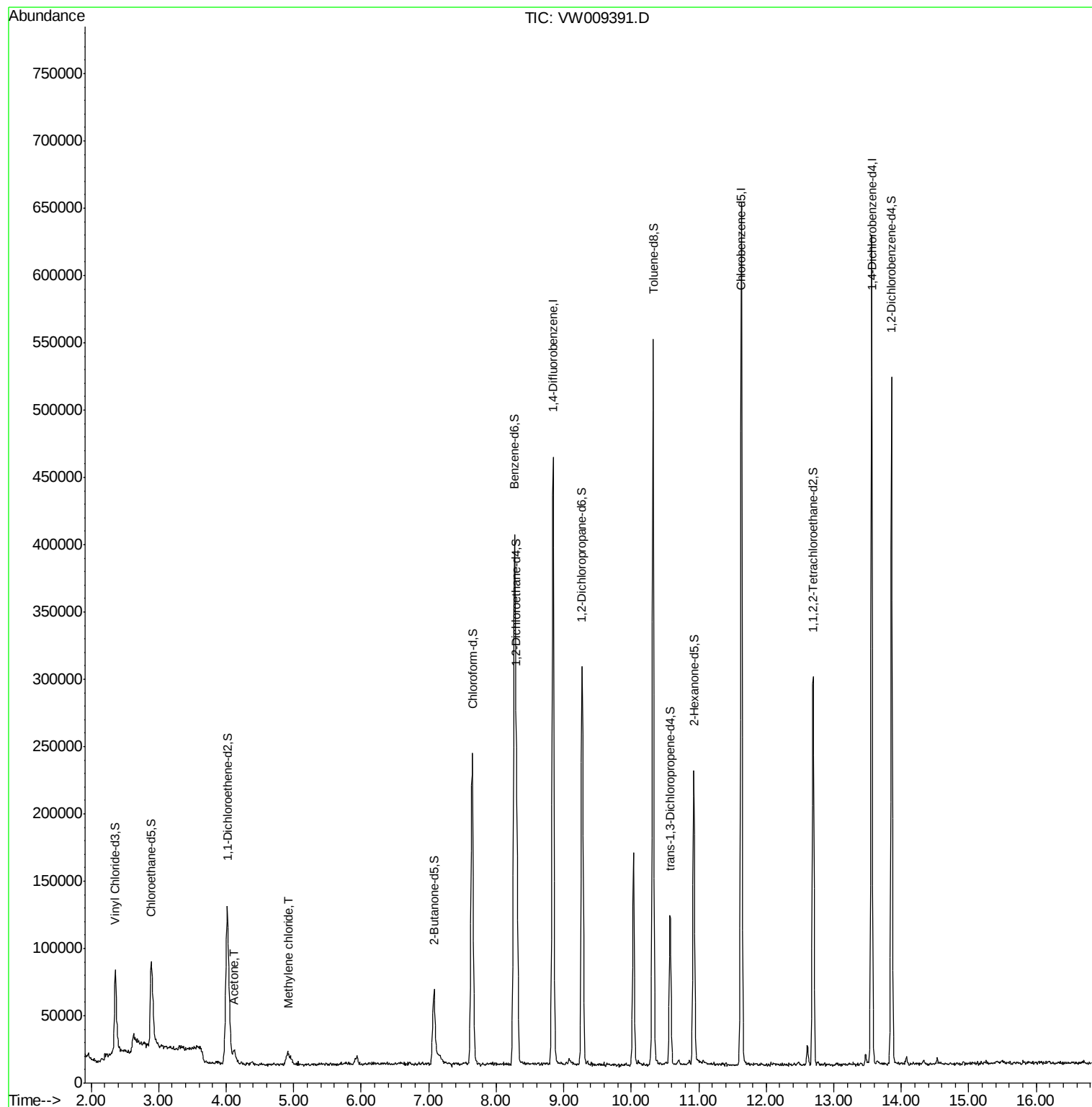
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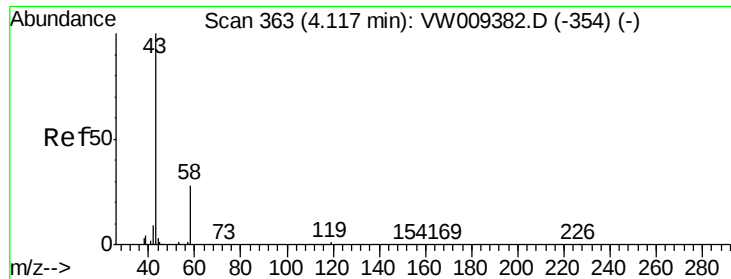
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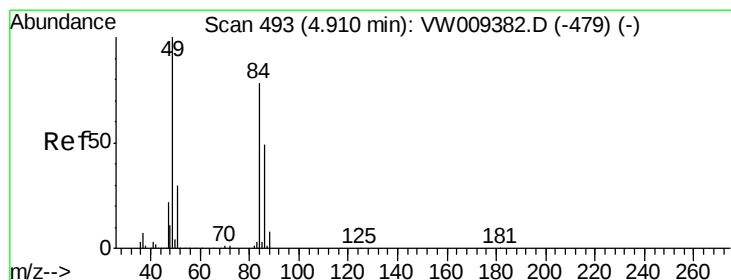
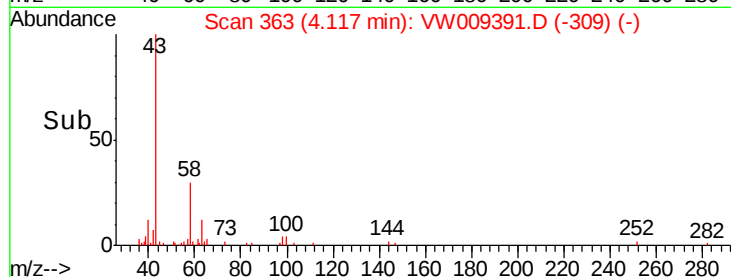
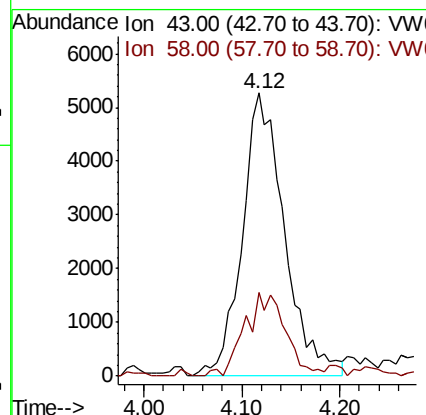
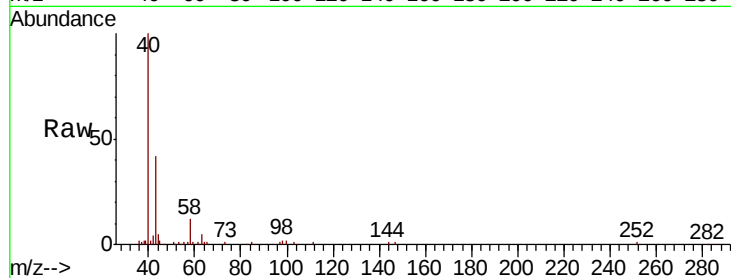
#13
Acetone
Concen: 11.112 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW009391.D
Acq: 23 Mar 2019 15:34

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Tot Ion: 43 Resp: 15786
Ion Ratio Lower Upper
43 100
58 2.6 0.0 56.2

Manual Integrations
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#16
Methylene chloride
Concen: 1.714 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009391.D
Acq: 23 Mar 2019 15:34

Tgt Ion: 84 Resp: 8763
Ion Ratio Lower Upper
84 100
49 116.7 96.0 178.2
86 61.2 44.4 82.5

