

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020720\
 Data File : VW014916.D
 Acq On : 07 Feb 2020 13:27
 Operator : SY/VA
 Sample : L1386-18
 Misc : 4.79G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F3S16

Manual Integrations
 APPROVED

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 2/10/2020 5:41:36 PM

Quant Time: Feb 08 04:48:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 08 03:59:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	712883	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	632620	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205886	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	255428	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
7) Chloroethane-d5	2.89	69	247769	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.88%
10) 1,1-Dichloroethene-d2	4.01	63	390714m	18.12	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.48%
20) 2-Butanone-d5	7.07	46	110892	33.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.96%
24) Chloroform-d	7.65	84	548337	27.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.36%
26) 1,2-Dichloroethane-d4	8.30	65	271021	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.80%
29) Benzene-d6	8.27	84	1092509	26.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.40%
33) 1,2-Dichloropropane-d6	9.27	67	361581	27.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.08%
37) Toluene-d8	10.32	98	921510	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.96%
38) trans-1,3-Dichloropropene-	10.58	79	102590	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.40%
39) 2-Hexanone-d5	10.92	63	75070	31.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	193635	19.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	224673	28.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.56%

Target Compounds					Ovalue
13) Acetone	4.12	43	12349m	3.612 ug/L	
16) Methylene chloride	4.91	84	25622	1.973 ug/L	96

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

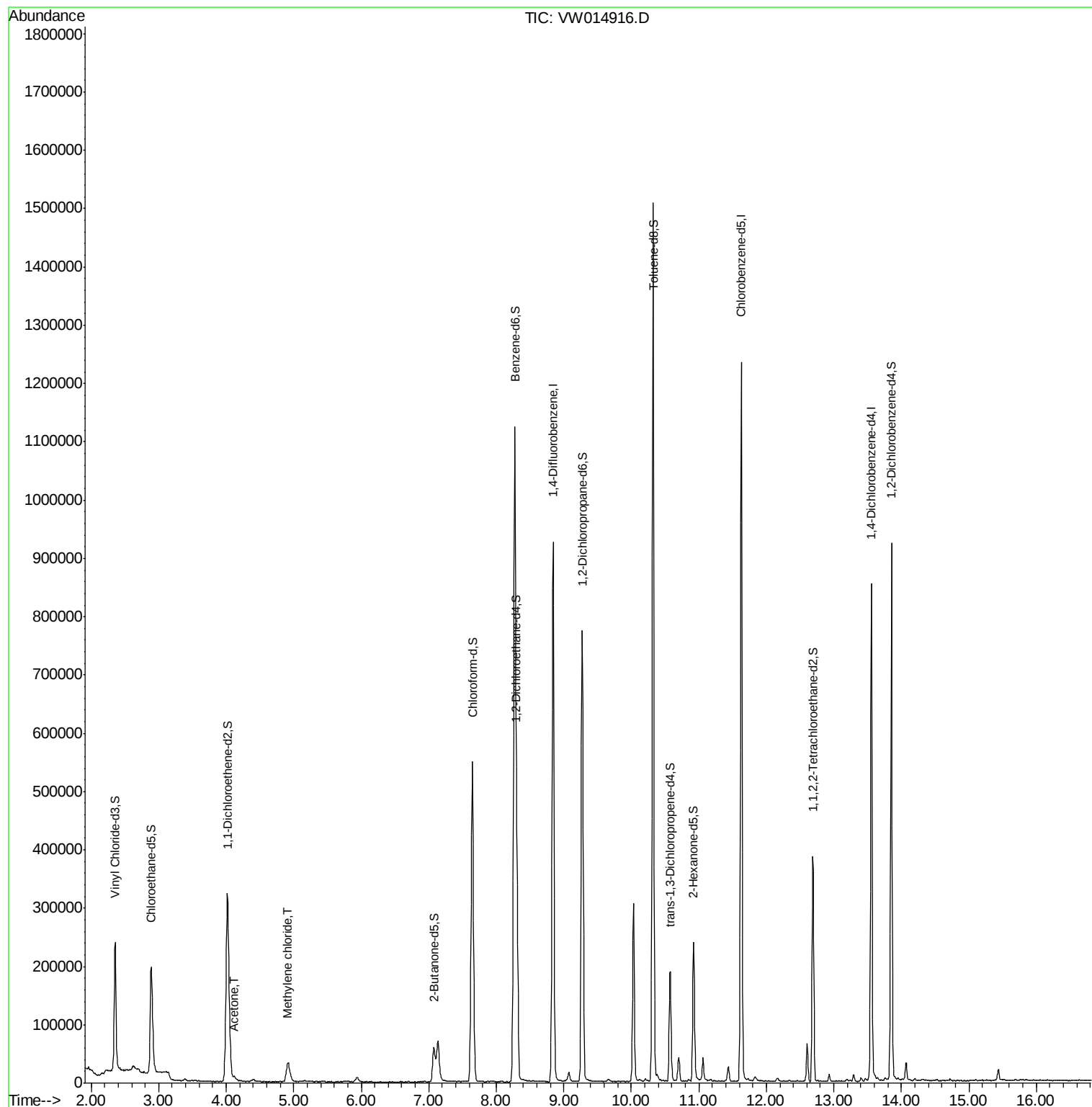
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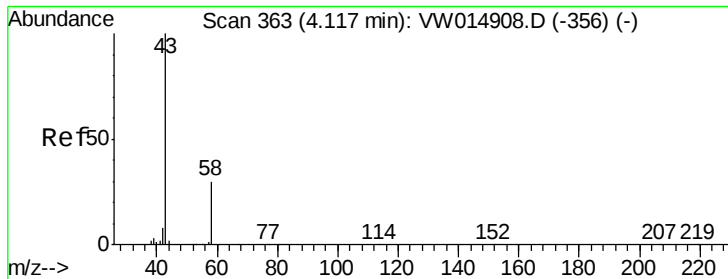
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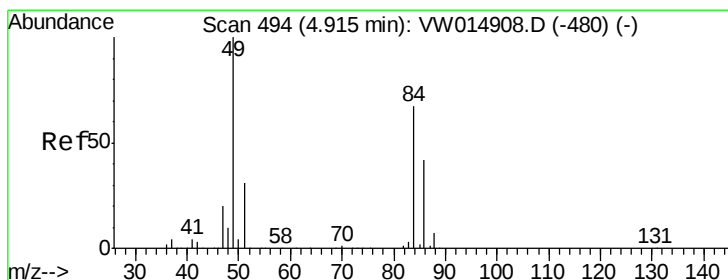
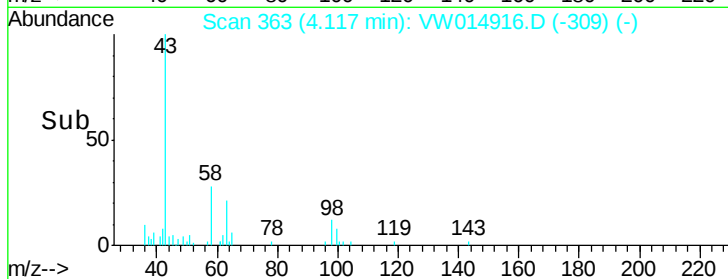
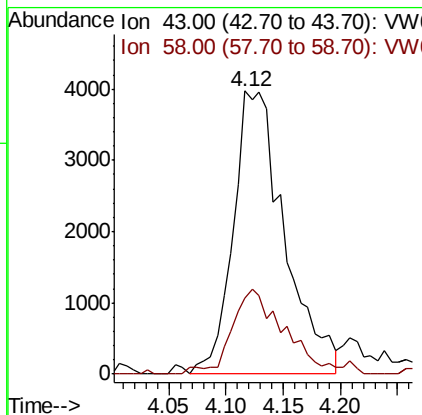
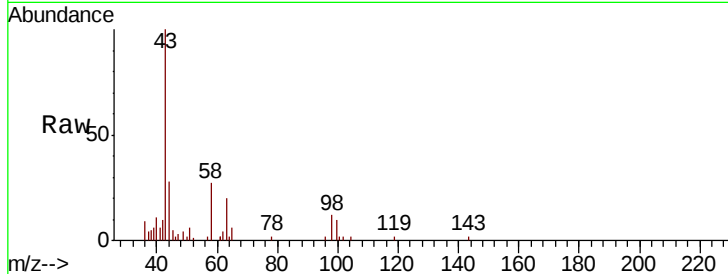
#13
Acetone
Concen: 3.612 ug/L m
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014916.D
Acq: 07 Feb 2020 13:27

Instrument :
MSVOA_W
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Tot Ion	Ratio	Lower	Upper
43	100		
58	0.8	0.0	60.4

Manual Integrations
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#16
Methylene chloride
Concen: 1.973 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014916.D
Acq: 07 Feb 2020 13:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.9	95.8	177.8
86	58.8	44.2	82.2

