

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016517.D
 Acq On : 10 Sep 2020 12:25
 Operator : SY/VA
 Sample : L3945-08
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWY2

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 9:47:32 AM

Quant Time: Sep 11 06:39:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	653770	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	576074	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	251536	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	143718	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
7) Chloroethane-d5	2.90	69	138353	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
10) 1,1-Dichloroethene-d2	4.03	63	204377	12.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.28%
20) 2-Butanone-d5	7.09	46	73633	29.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.44%
24) Chloroform-d	7.65	84	327677	21.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	8.31	65	171568	20.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.96%
29) Benzene-d6	8.28	84	606278	20.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.80%
33) 1,2-Dichloropropane-d6	9.28	67	180299	20.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.84%
37) Toluene-d8	10.33	98	560228	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.52%
38) trans-1,3-Dichloropropene-	10.58	79	82141	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	10.93	63	60788	34.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139153	19.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	198310	22.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.24%

Target Compounds					Ovalue
13) Acetone	4.14	43	4751m	2.988	ug/L
47) Tetrachloroethene	10.87	164	10720	1.532	ug/L

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

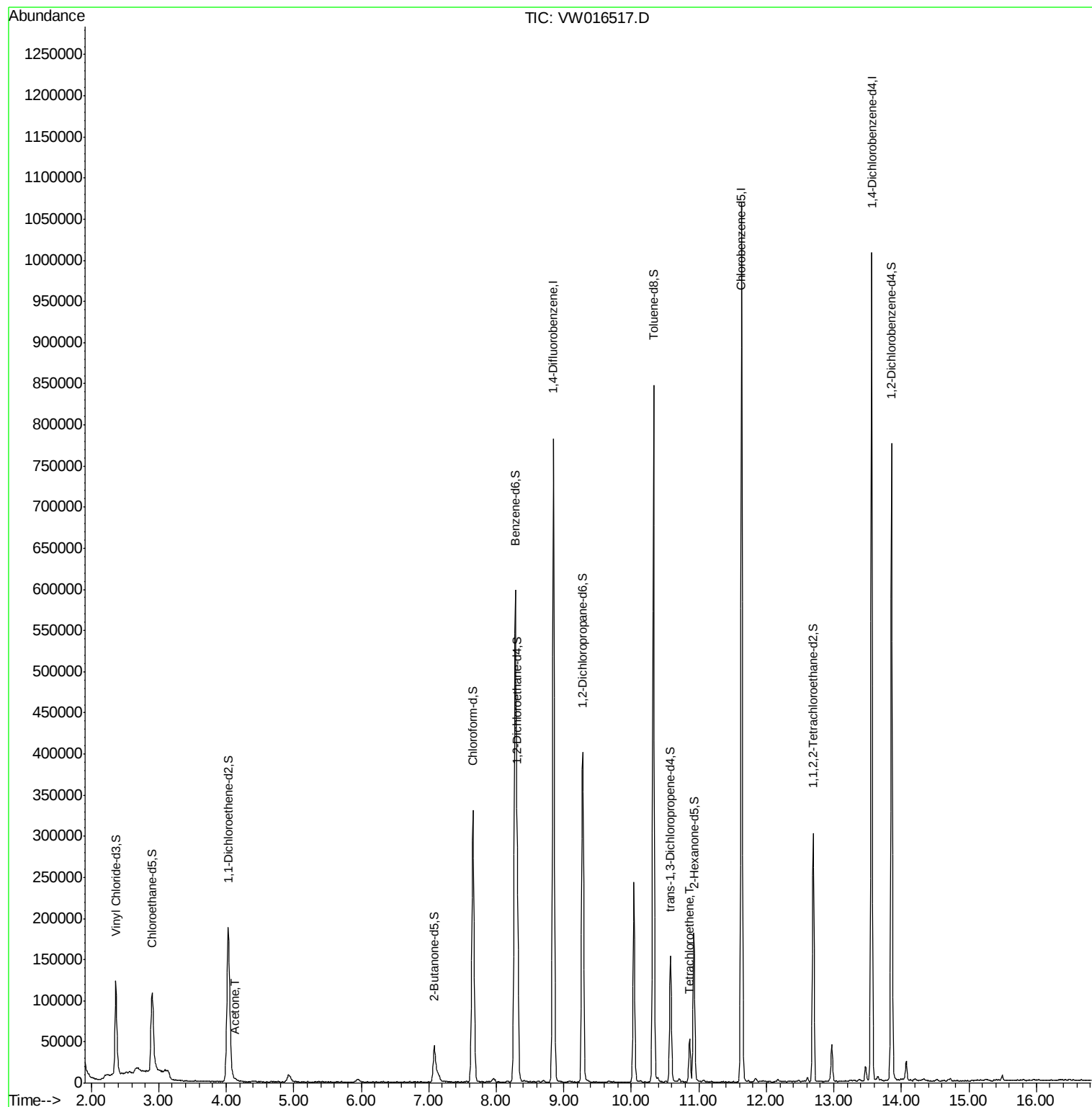
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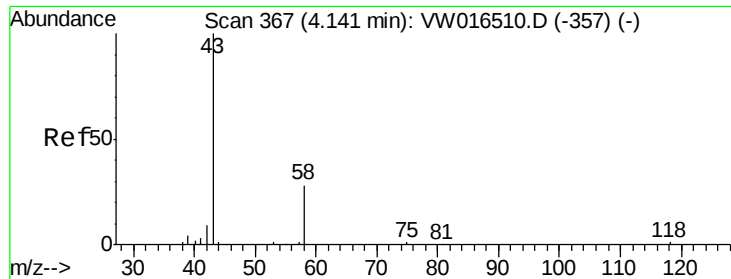
Instrument :
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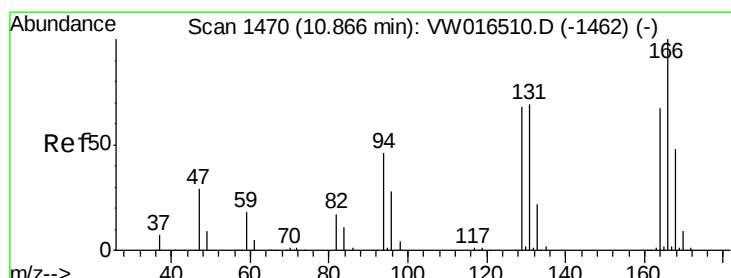
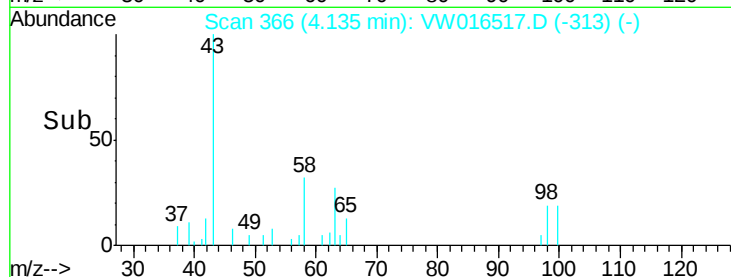
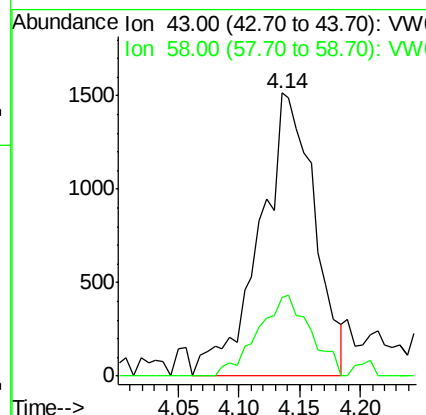
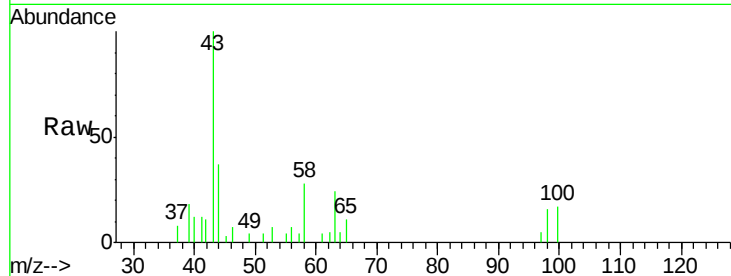
#13
Acetone
Concen: 2.988 ug/L m
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW016517.D
Acq: 10 Sep 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
BFWY2

Tot Ion: 43 Resp: 4751
Ion Ratio Lower Upper
43 100
58 25.0 0.0 63.0

Manual Integrations
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9/14/2020 9:47:32 AM



#47
Tetrachloroethene
Concen: 1.532 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016517.D
Acq: 10 Sep 2020 12:25

Tgt Ion: 164 Resp: 10720
Ion Ratio Lower Upper
164 100
129 101.4 65.7 121.9
131 87.7 61.1 113.5
166 102.9 85.0 157.8

