

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060320\
 Data File : VW015531.D
 Acq On : 03 Jun 2020 11:46
 Operator : SY/VA
 Sample : L2848-02
 Misc : 4.42G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF8

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:48:49 PM

Quant Time: Jun 04 07:10:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 06:35:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	455392	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	400180	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179756	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	51184	12.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.04%
7) Chloroethane-d5	2.90	69	56737	13.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.68%
10) 1,1-Dichloroethene-d2	4.02	63	91149	8.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.84%#
20) 2-Butanone-d5	7.09	46	38677	28.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.78%
24) Chloroform-d	7.65	84	151046	14.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	57.36%
26) 1,2-Dichloroethane-d4	8.31	65	87166m	14.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	59.52%#
29) Benzene-d6	8.28	84	292725	14.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	59.68%
33) 1,2-Dichloropropane-d6	9.28	67	93212	15.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	62.52%#
37) Toluene-d8	10.33	98	274871	14.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.64%
38) trans-1,3-Dichloropropene-	10.58	79	37263	13.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.04%
39) 2-Hexanone-d5	10.93	63	29815	28.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	65070	14.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	57.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	91815	15.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	60.96%#

Target Compounds					Ovalue
13) Acetone	4.13	43	7570	7.187 ug/L	97
16) Methylene chloride	4.92	84	12503	2.237 ug/L	97

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

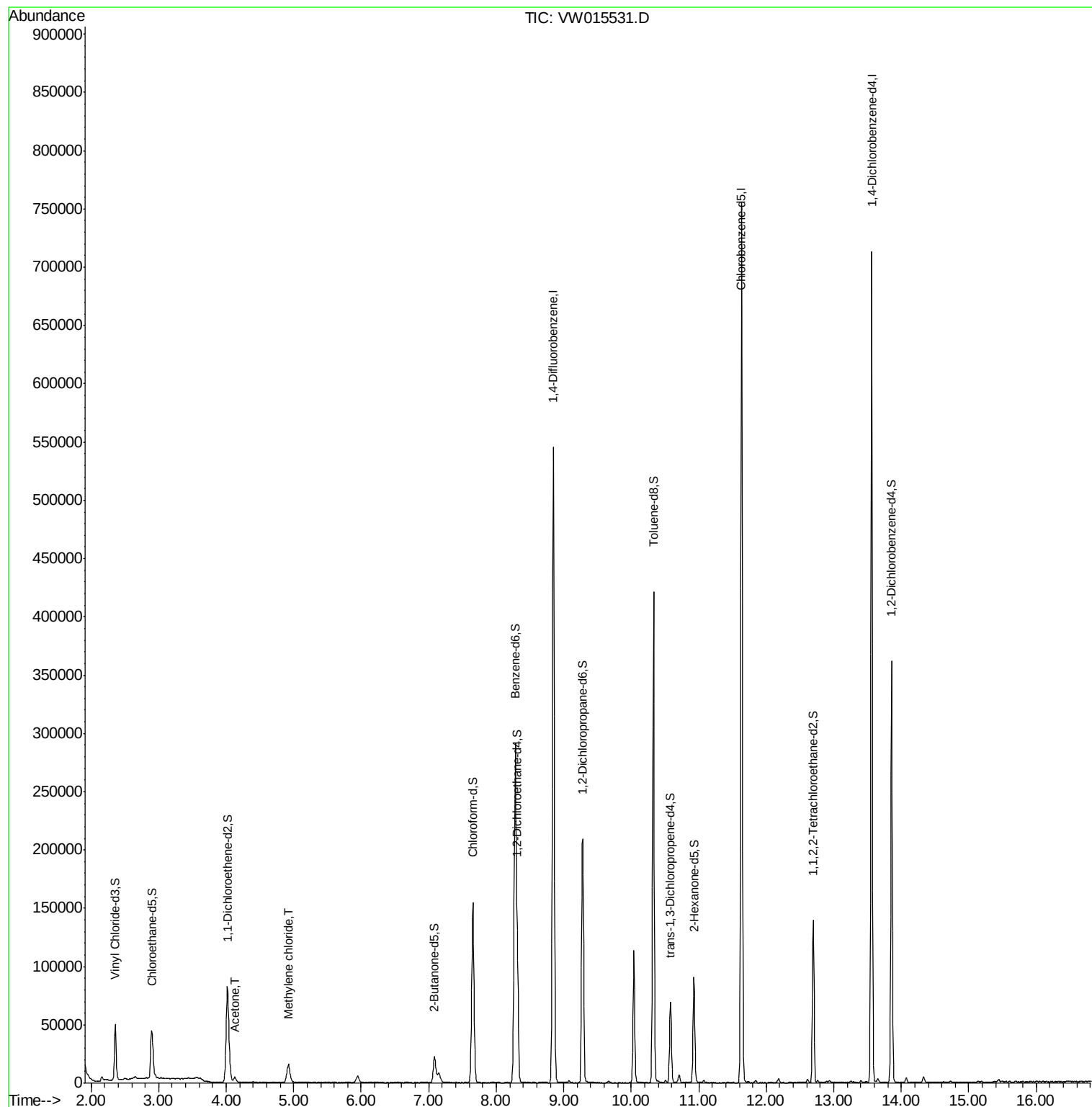
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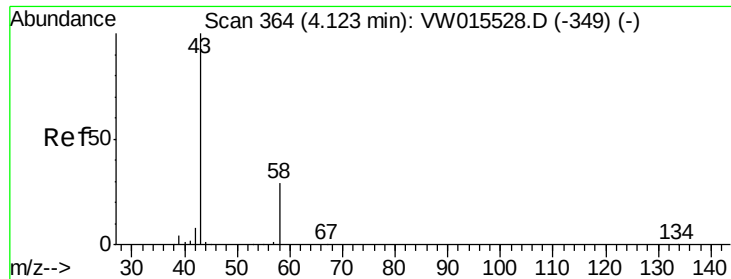
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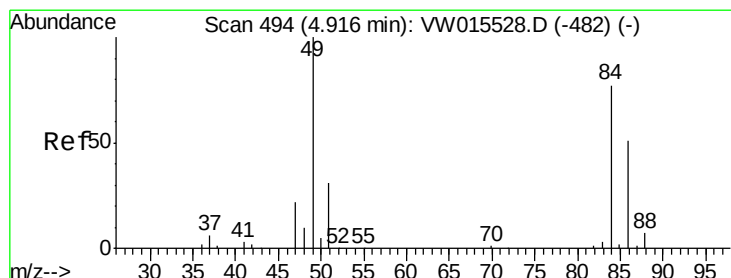
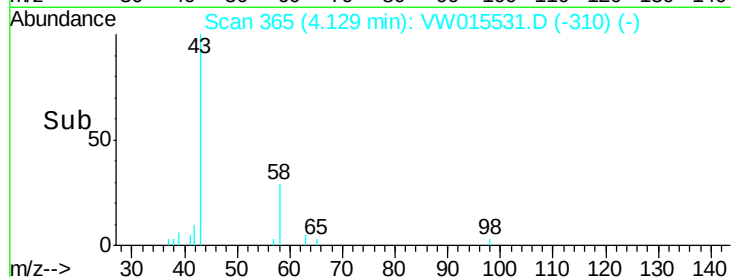
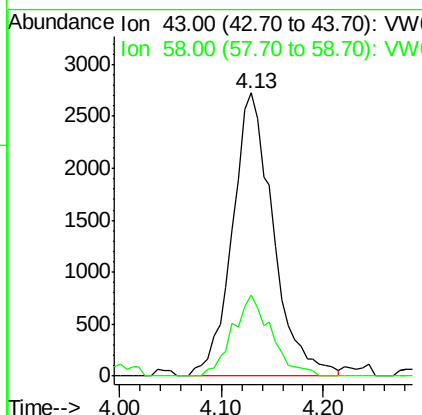
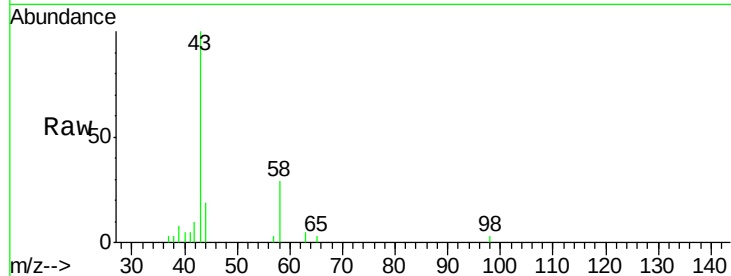
#13
Acetone
Concen: 7.187 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW015531.D
Acq: 03 Jun 2020 11:46

Instrument :
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Tot Ion: 43 Resp: 7570
Ion Ratio Lower Upper
43 100
58 27.1 0.0 56.8

Manual Integrations
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#16
Methylene chloride
Concen: 2.237 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015531.D
Acq: 03 Jun 2020 11:46

Tgt Ion: 84 Resp: 12503
Ion Ratio Lower Upper
84 100
49 130.1 93.0 172.8
86 61.1 44.7 83.1

