

Data File : VW015018.D
Acq On : 20 Feb 2020 15:12
Operator : SY/VA
Sample : L1584-02RE
Misc : 3.53G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AL9RE

Quant Time: Feb 21 02:00:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 01:58:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	478100	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	427767	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	123947	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	138091	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.80%
7) Chloroethane-d5	2.89	69	156666	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
10) 1,1-Dichloroethene-d2	4.01	63	247530	17.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.48%
20) 2-Butanone-d5	7.07	46	105755	47.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.22%
24) Chloroform-d	7.65	84	379061	27.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.68%
26) 1,2-Dichloroethane-d4	8.48	65	88	0.01	ug/L	0.18
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	697512	25.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.44%
33) 1,2-Dichloropropane-d6	9.27	67	258868	28.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.52%
37) Toluene-d8	10.32	98	540185	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.24%
38) trans-1,3-Dichloropropene-	10.57	79	76949	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.92	63	64993	39.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	165602	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	118103	24.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.28%

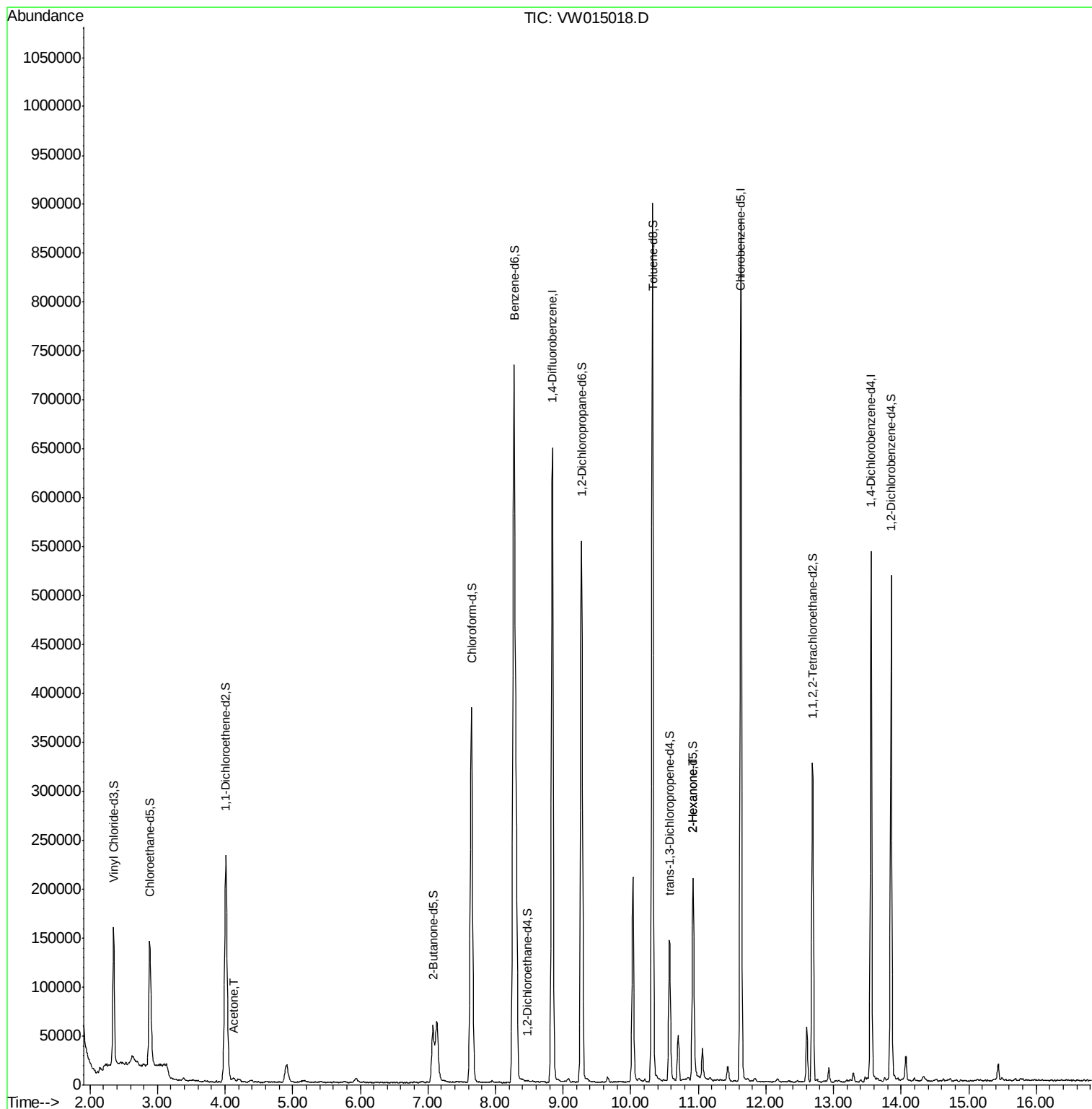
Target Compounds					Qvalue
13) Acetone	4.13	43	5899	2.573 ug/L	81
49) 2-Hexanone	10.92	43	12367	3.411 ug/L #	66

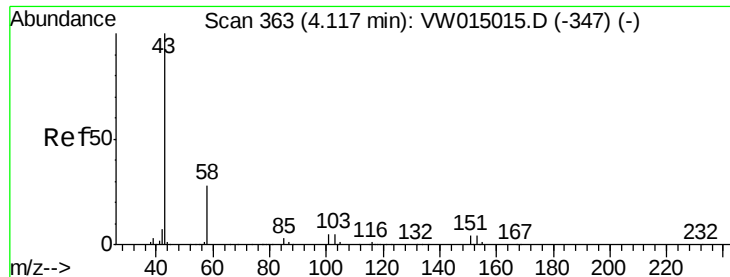
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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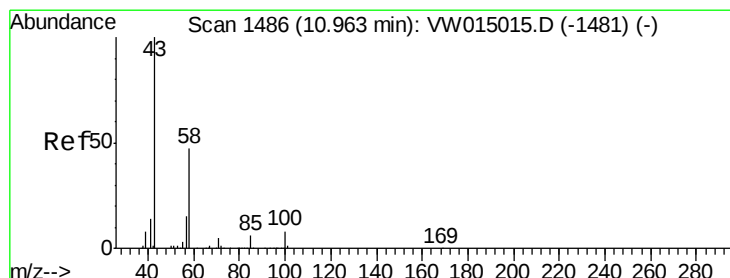
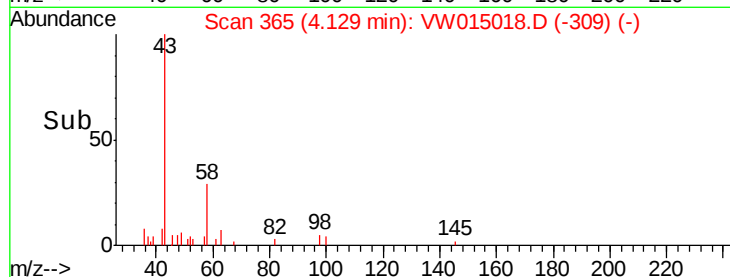
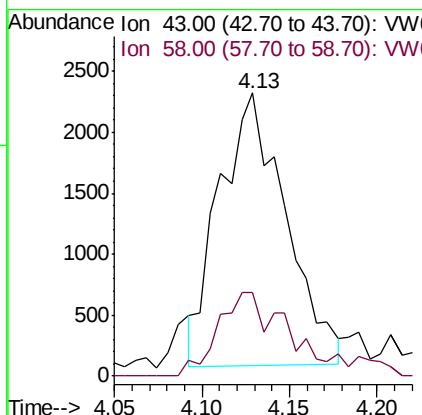
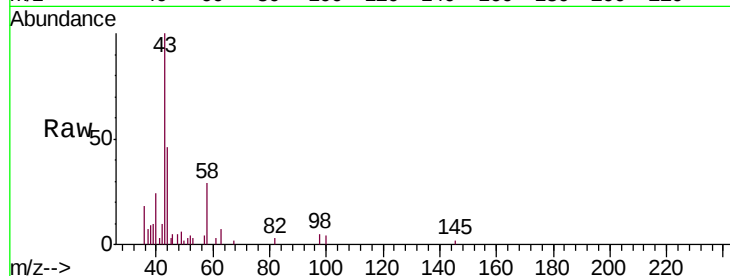




#13
Acetone
Concen: 2.573 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
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Tgt Ion: 43 Resp: 5899
Ion Ratio Lower Upper
43 100
58 19.9 0.0 60.4



#49
2-Hexanone
Concen: 3.411 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.04 min
Lab File: VW015018.D
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Tgt Ion: 43 Resp: 12367
Ion Ratio Lower Upper
43 100
58 23.2 42.2 63.2#
57 28.7 14.5 21.7#
100 4.7 8.6 12.8#

