

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018108.D
 Acq On : 12 Feb 2021 14:23
 Operator : SY/VA
 Sample : M1371-16
 Misc : 4.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH30

Quant Time: Feb 12 22:45:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 22:41:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

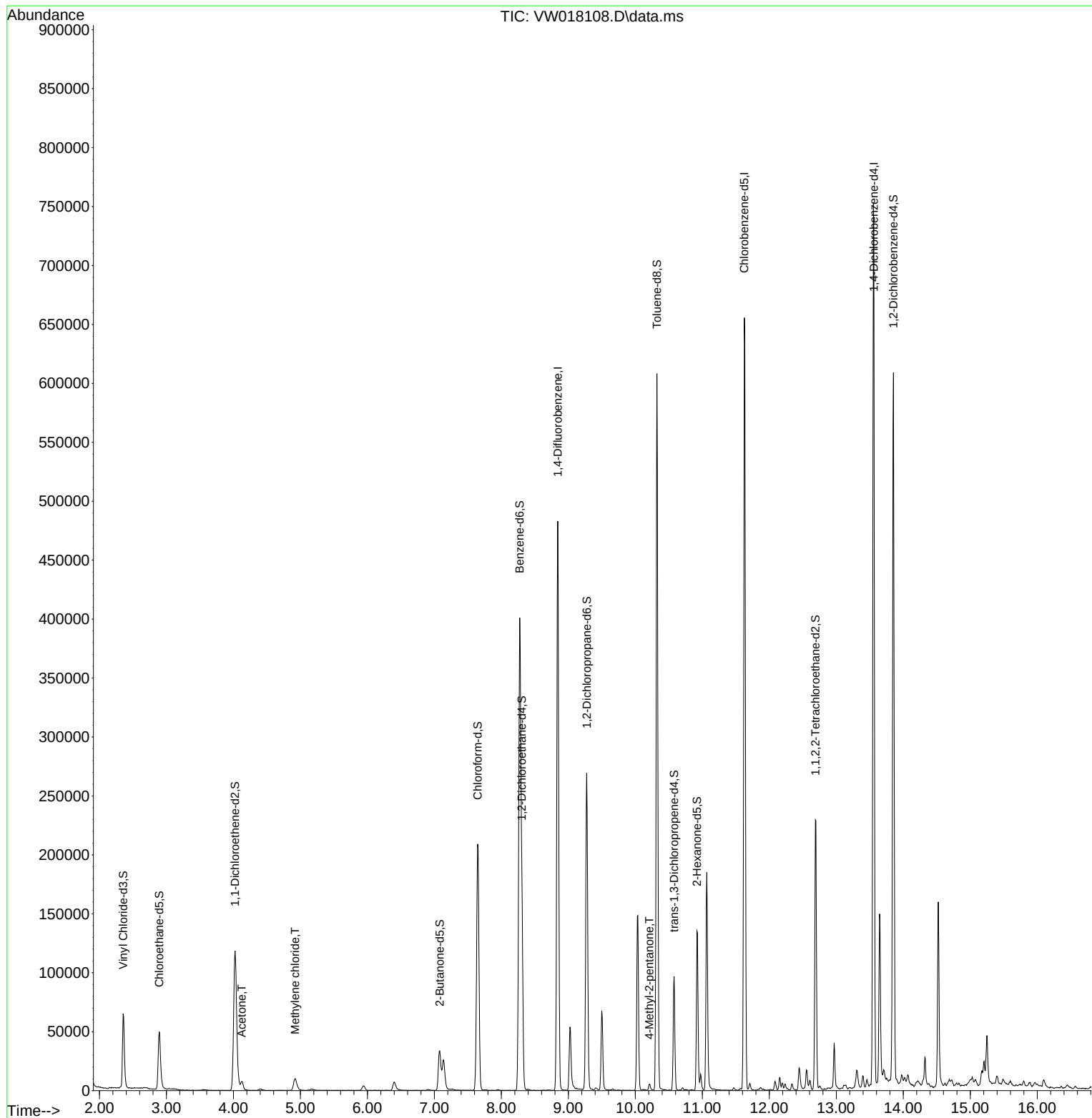
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	422958	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	395471	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	212817	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	77023	14.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.60%
7) Chloroethane-d5	2.891	69	69485	16.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.64%
10) 1,1-Dichloroethene-d2	4.025	63	130056	12.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.52%
20) 2-Butanone-d5	7.080	46	57454	40.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.92%
24) Chloroform-d	7.647	84	221752	19.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.92%
26) 1,2-Dichloroethane-d4	8.305	65	120130	20.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.28%
29) Benzene-d6	8.274	84	426815	19.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.60%
33) 1,2-Dichloropropane-d6	9.274	67	125756	20.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.84%
37) Toluene-d8	10.323	98	404394	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.28%
38) trans-1,3-Dichloroprop...	10.579	79	54971	19.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.88%
39) 2-Hexanone-d5	10.920	63	48463	41.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.48%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	113161	21.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.84%
61) 1,2-Dichlorobenzene-d4	13.853	152	165733	21.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.32%
Target Compounds						
13) Acetone	4.123	43	12104	11.66	ug/L	98
16) Methylene chloride	4.921	84	9597	1.42	ug/L	95
43) 4-Methyl-2-pentanone	10.207	43	3883	1.18	ug/L	98

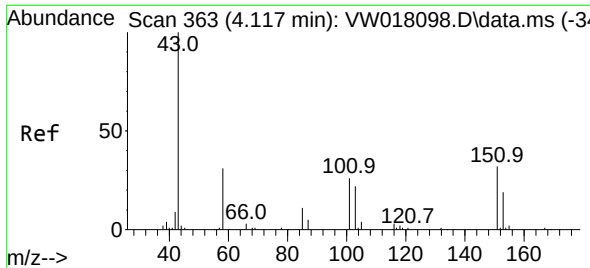
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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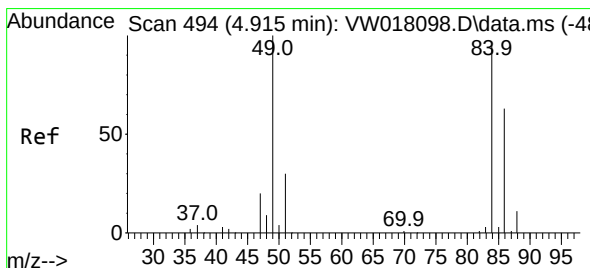
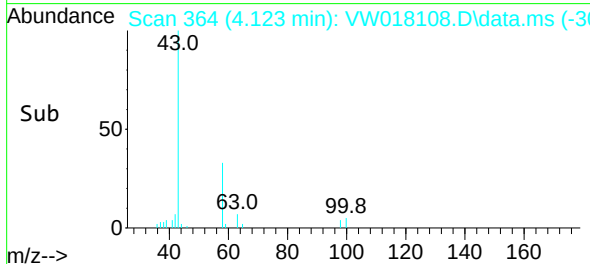
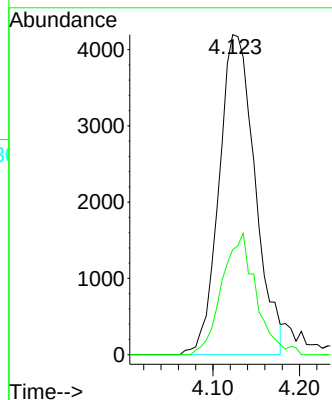
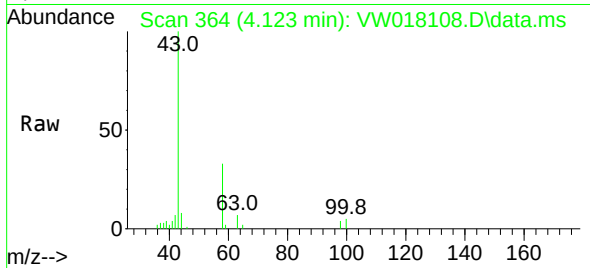




#13
Acetone
Concen: 11.66 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

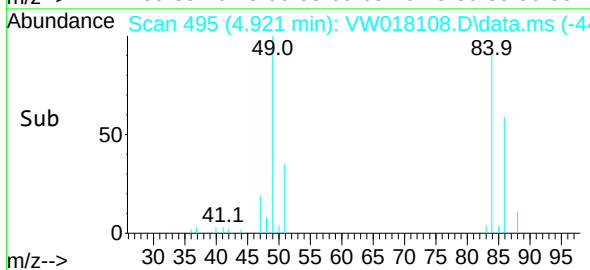
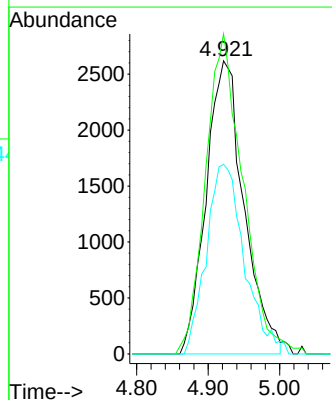
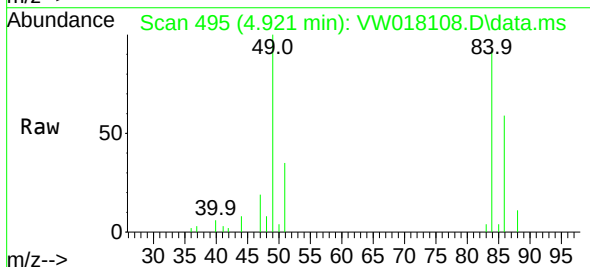
Instrument :
MSVOA_W
ClientSampled :
DBH30

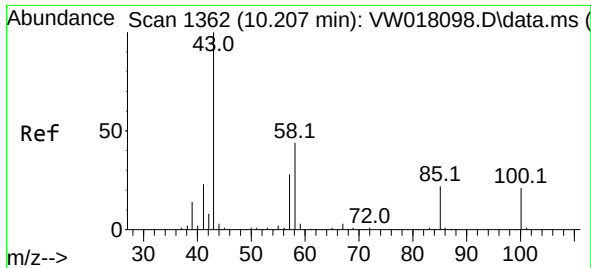
Tgt Ion: 43 Resp: 12104
Ion Ratio Lower Upper
43 100
58 35.3 0.0 68.4



#16
Methylene chloride
Concen: 1.42 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018108.D
Acq: 12 Feb 2021 14:23

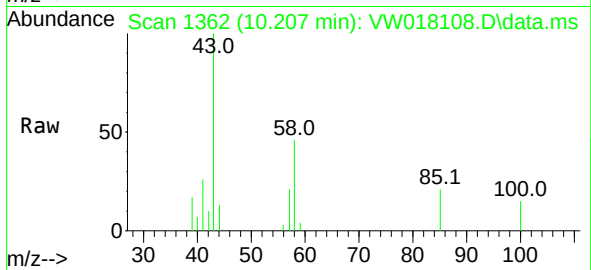
Tgt Ion: 84 Resp: 9597
Ion Ratio Lower Upper
84 100
49 109.2 81.2 150.8
86 64.7 44.5 82.7





#43
 4-Methyl-2-pentanone
 Concen: 1.18 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW018108.D
 Acq: 12 Feb 2021 14:23

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH30



Tgt Ion:	43	Resp:	3883
Ion	Ratio	Lower	Upper
43	100		
58	40.7	31.6	47.4
100	16.7	14.1	21.1

