

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018590.D
 Acq On : 07 Apr 2021 18:54
 Operator : SY/VA
 Sample : M1968-11
 Misc : 5.38G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:39:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

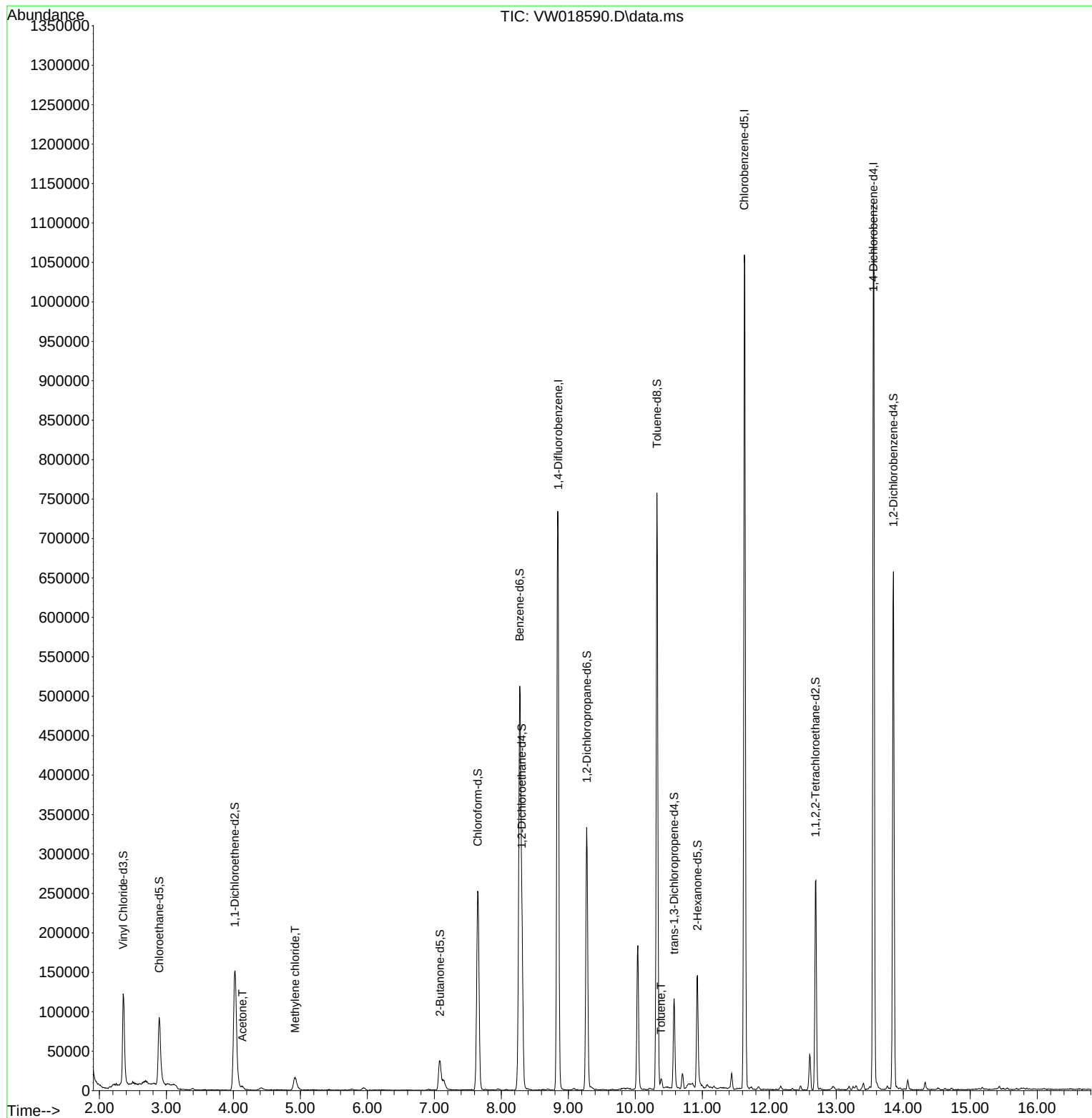
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	624754	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	586260	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	293278	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	145415	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.92%
7) Chloroethane-d5	2.892	69	117553	15.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.80%
10) 1,1-Dichloroethene-d2	4.019	63	174034	11.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.36%
20) 2-Butanone-d5	7.086	46	62802	32.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.90%
24) Chloroform-d	7.647	84	258982	16.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.12%
26) 1,2-Dichloroethane-d4	8.305	65	156394	16.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.36%#
29) Benzene-d6	8.275	84	513190	16.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.88%
33) 1,2-Dichloropropane-d6	9.275	67	146657	16.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	65.24%#
37) Toluene-d8	10.323	98	498264	16.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.40%
38) trans-1,3-Dichloroprop...	10.579	79	61399	13.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	52.96%
39) 2-Hexanone-d5	10.927	63	50803	28.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.76%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	128104	15.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	164479	15.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	63.08%#
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	6882	4.95	ug/L	83
16) Methylene chloride	4.922	84	13584	1.33	ug/L	87
44) Toluene	10.384	91	9245	0.24	ug/L	92

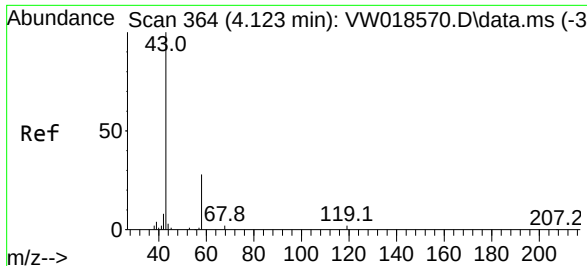
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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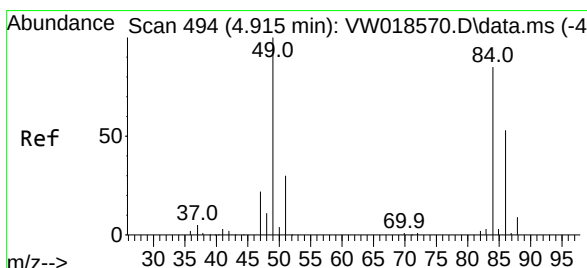
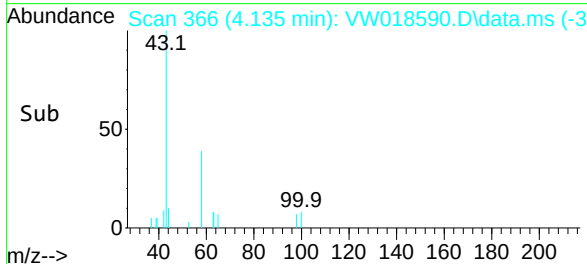
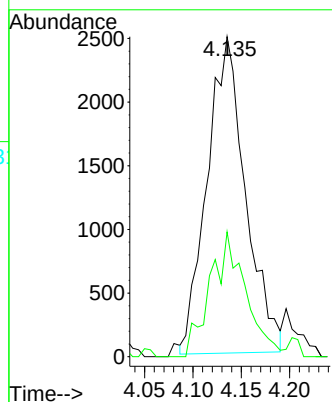
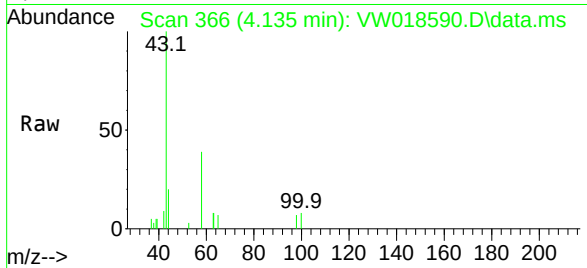




#13
Acetone
Concen: 4.95 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW018590.D
Acq: 07 Apr 2021 18:54

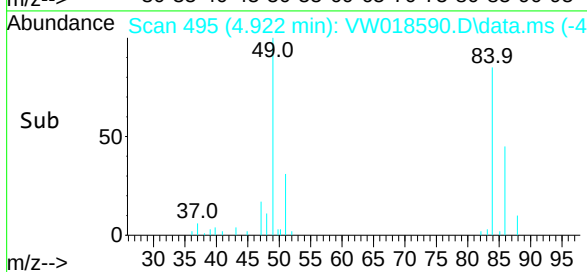
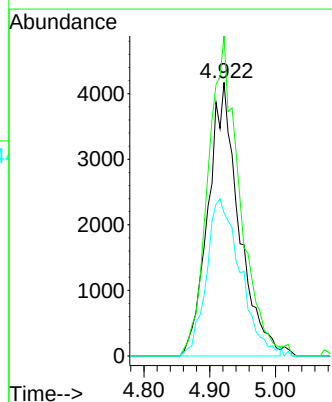
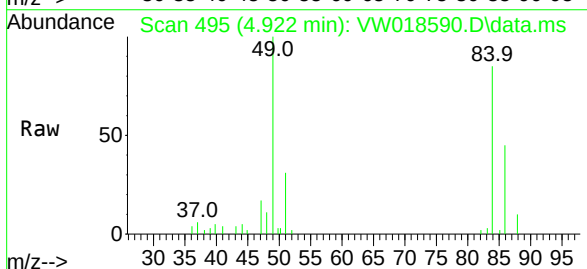
Instrument :
MSVOA_W
ClientSampled :

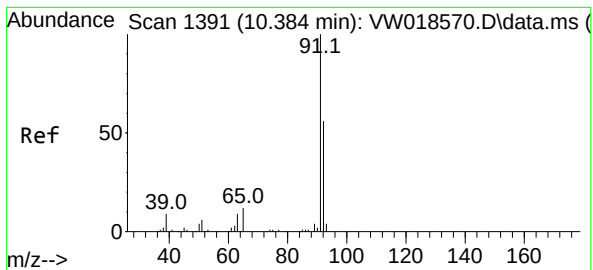
Tgt Ion: 43 Resp: 6882
Ion Ratio Lower Upper
43 100
58 21.8 0.0 62.2



#16
Methylene chloride
Concen: 1.33 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018590.D
Acq: 07 Apr 2021 18:54

Tgt Ion: 84 Resp: 13584
Ion Ratio Lower Upper
84 100
49 117.0 74.4 138.2
86 52.2 46.1 85.7





#44
Toluene
Concen: 0.24 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018590.D
Acq: 07 Apr 2021 18:54

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 9245
Ion Ratio Lower Upper
91 100
92 54.6 42.3 78.5

