

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018442.D
 Acq On : 24 Mar 2021 15:05
 Operator : SY/VA
 Sample : M1781-18
 Misc : 5.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S3

Quant Time: Mar 25 01:25:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

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

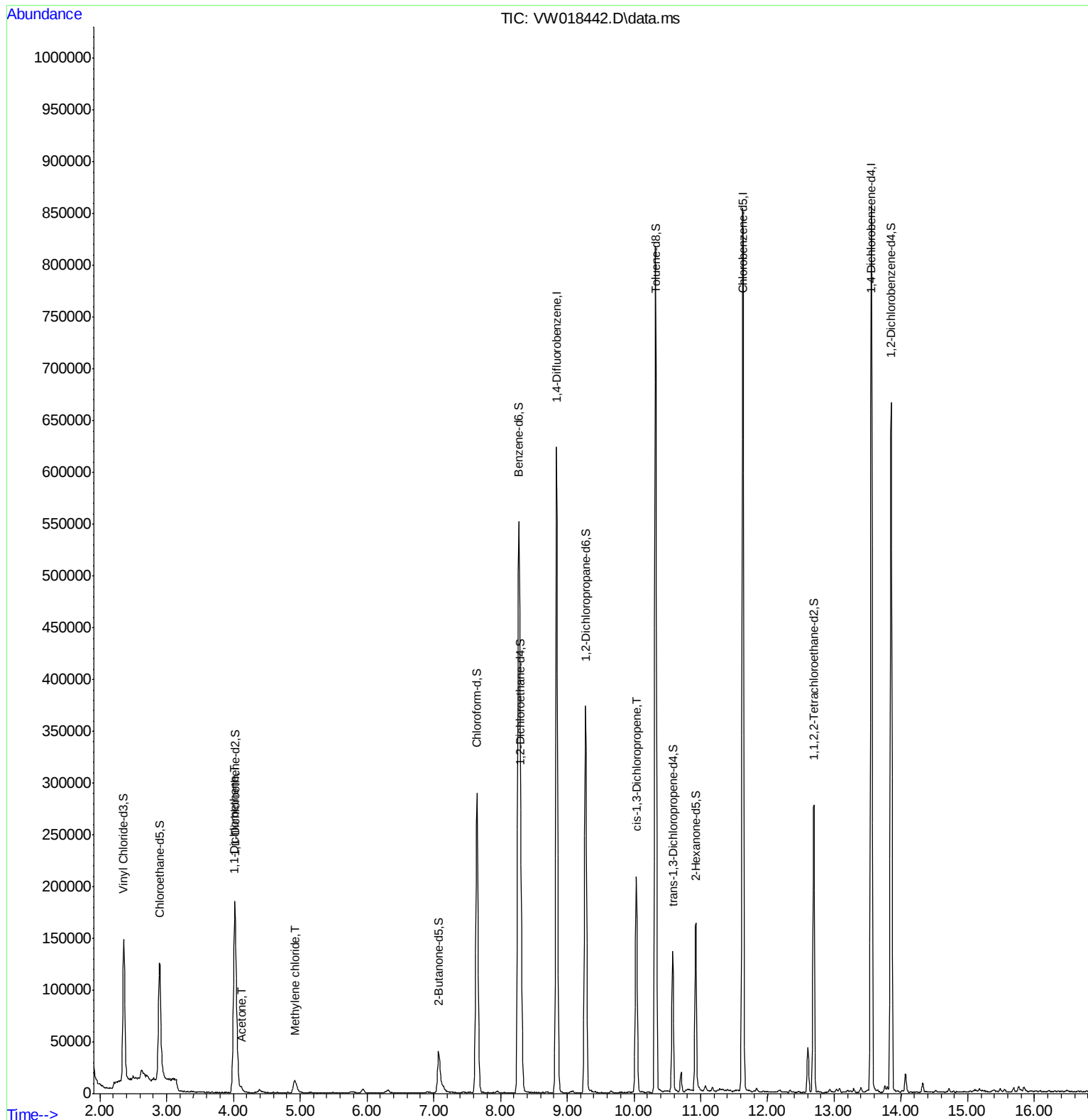
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	508851	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	447915	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	206285	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	172277	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
7) Chloroethane-d5	2.891	69	159739	25.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.08%
10) 1,1-Dichloroethene-d2	4.019	63	207547	16.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.92%
20) 2-Butanone-d5	7.074	46	68976	43.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.50%
24) Chloroform-d	7.647	84	292886	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.305	65	169407	22.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.56%
29) Benzene-d6	8.275	84	566367	23.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.16%
33) 1,2-Dichloropropane-d6	9.274	67	161300	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.323	98	524027	22.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.44%
38) trans-1,3-Dichloroprop...	10.579	79	71980	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.28%
39) 2-Hexanone-d5	10.920	63	55829	41.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.06%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	134468	21.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.56%
61) 1,2-Dichlorobenzene-d4	13.853	152	168193	22.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.72%
Target Compounds						
12) 1,1-Dichloroethene	4.013	96	1890	0.30	ug/L	1
13) Acetone	4.117	43	7211	6.37	ug/L	77
16) Methylene chloride	4.922	84	10290	1.23	ug/L	90
42) cis-1,3-Dichloropropene	10.037	75	6267	0.58	ug/L	88

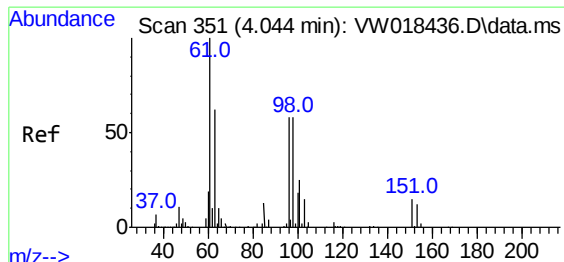
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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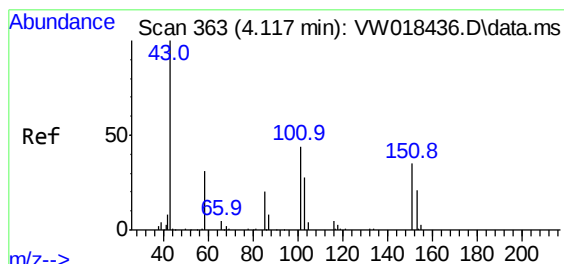
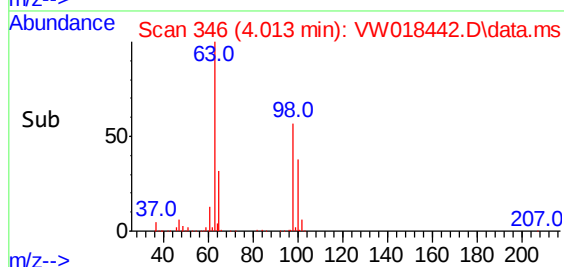
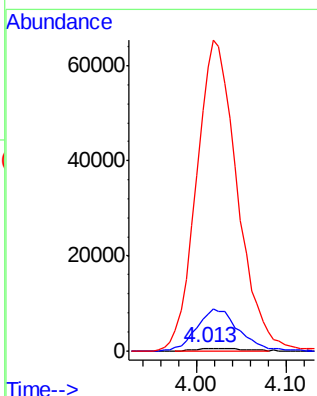
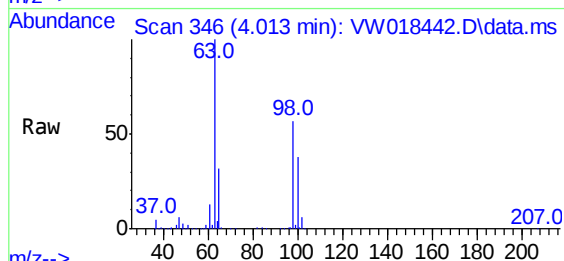




#12
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 4.013 min Scan# 346
Delta R.T. -0.031 min
Lab File: VW018442.D
Acq: 24 Mar 2021 15:05

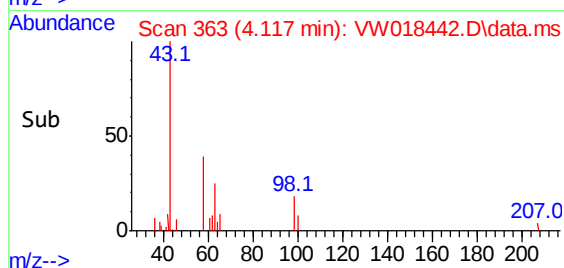
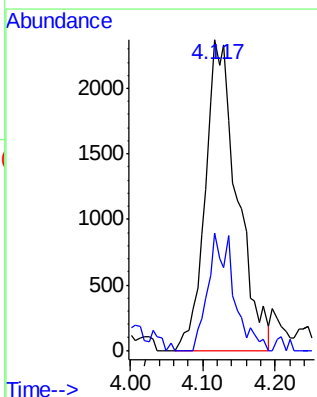
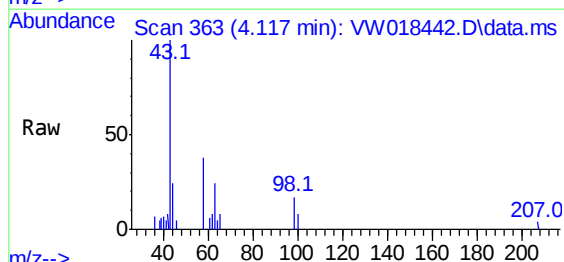
Instrument :
MSVOA_W
ClientSampled :
BG4S3

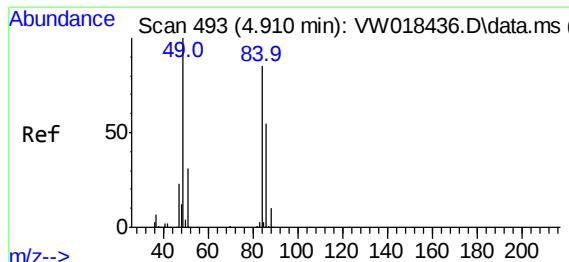
Tgt Ion: 96 Resp: 1890
Ion Ratio Lower Upper
96 100
61 1345.9 118.6 220.2#
63 10375.0 82.4 153.0#



#13
Acetone
Concen: 6.37 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018442.D
Acq: 24 Mar 2021 15:05

Tgt Ion: 43 Resp: 7211
Ion Ratio Lower Upper
43 100
58 18.2 0.0 62.2



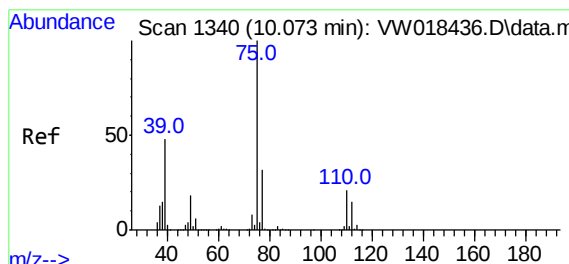
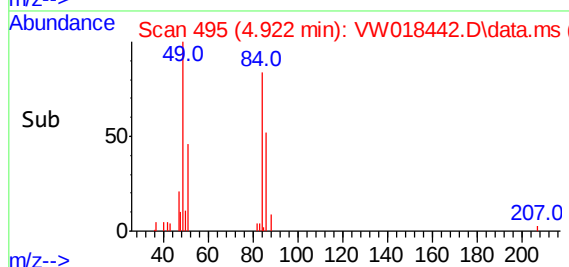
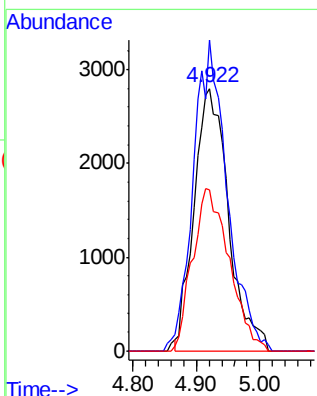
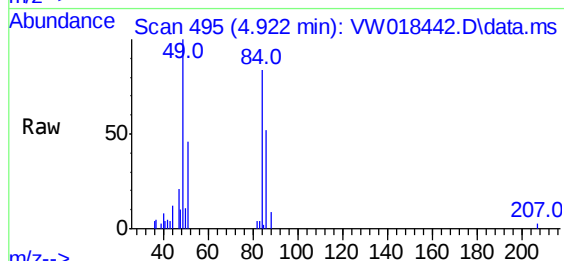


#16
Methylene chloride
Concen: 1.23 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018442.D
Acq: 24 Mar 2021 15:05

Instrument :
MSVOA_W
ClientSampleId :
BG4S3

Tgt Ion: 84 Resp: 10290

Ion	Ratio	Lower	Upper
84	100		
49	118.4	74.4	138.2
86	61.1	46.1	85.7



#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018442.D
Acq: 24 Mar 2021 15:05

Tgt Ion: 75 Resp: 6267

Ion	Ratio	Lower	Upper
75	100		
77	38.5	22.4	41.6

