

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018038.D
 Acq On : 05 Feb 2021 17:11
 Operator : SY/VA
 Sample : M1330-08
 Misc : 5.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG538

Quant Time: Feb 06 01:09:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

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

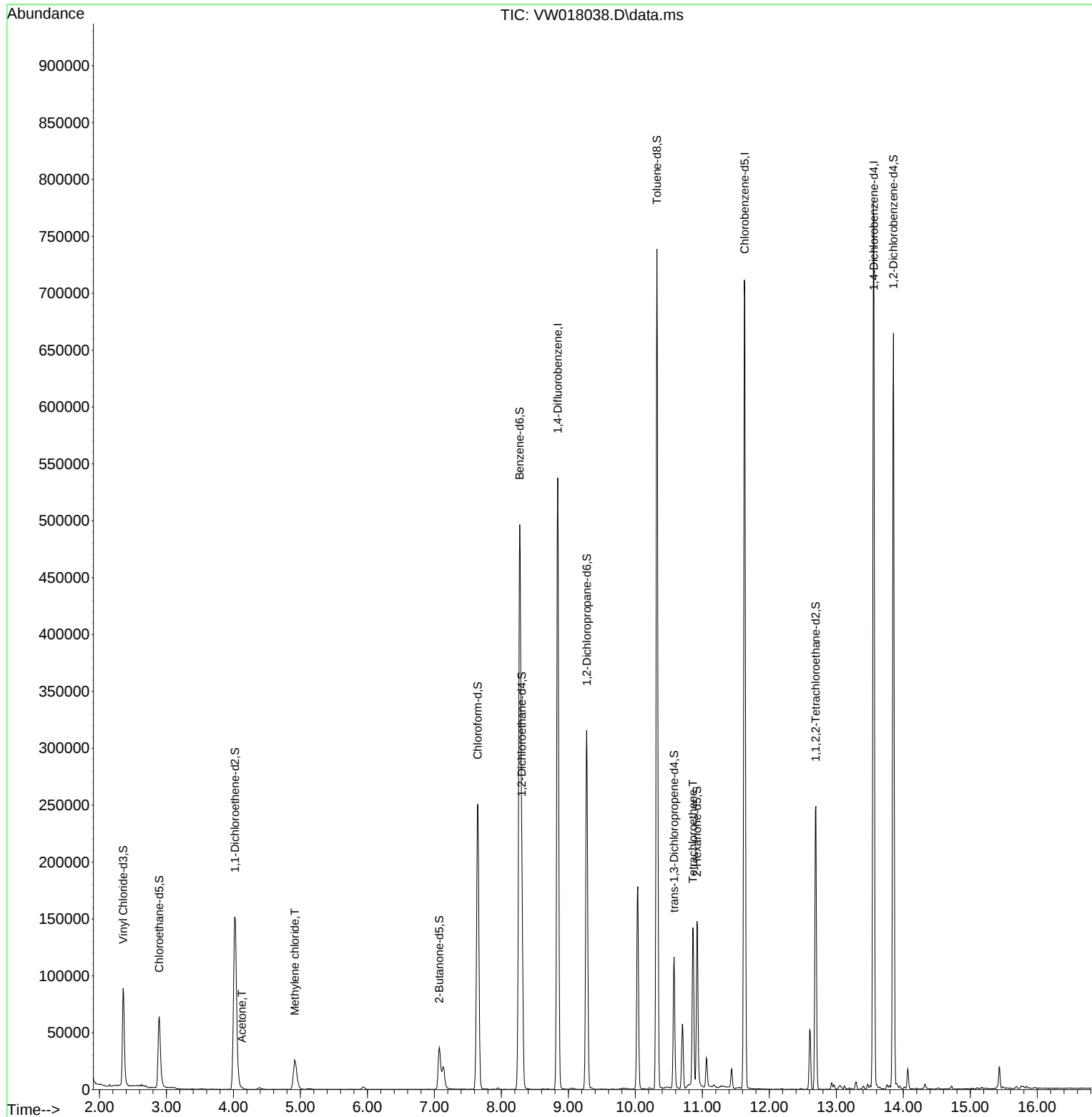
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	478969	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	433000	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	220082	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	110361	18.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.16%
7) Chloroethane-d5	2.891	69	89983	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.20%
10) 1,1-Dichloroethene-d2	4.025	63	170891	14.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.44%
20) 2-Butanone-d5	7.074	46	60754	38.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.50%
24) Chloroform-d	7.647	84	264023	21.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	8.305	65	140021	20.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.64%
29) Benzene-d6	8.275	84	525222	22.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.36%
33) 1,2-Dichloropropane-d6	9.274	67	147785	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.88%
37) Toluene-d8	10.323	98	498196	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.08%
38) trans-1,3-Dichloroprop...	10.579	79	65592	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.04%
39) 2-Hexanone-d5	10.920	63	52326	41.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.32%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	123975	21.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.88%
61) 1,2-Dichlorobenzene-d4	13.853	152	182276	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	1588	1.35	ug/L	84
16) Methylene chloride	4.915	84	24630	3.21	ug/L	96
47) Tetrachloroethene	10.859	164	33416	5.50	ug/L	90

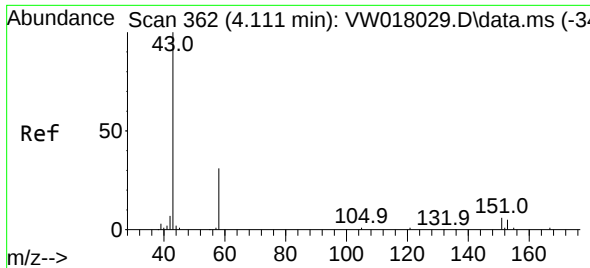
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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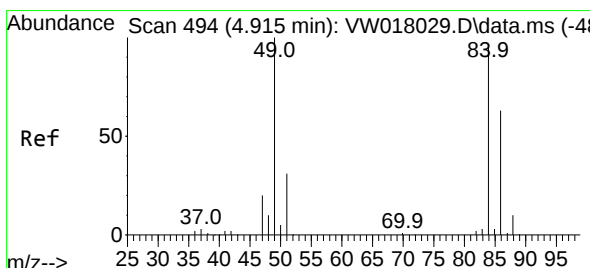
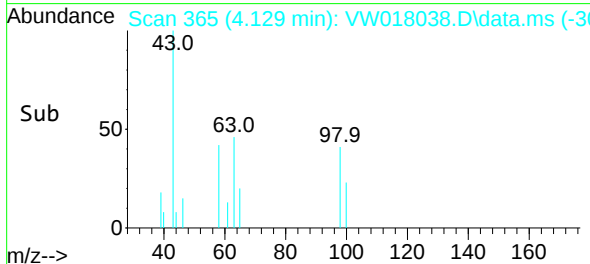
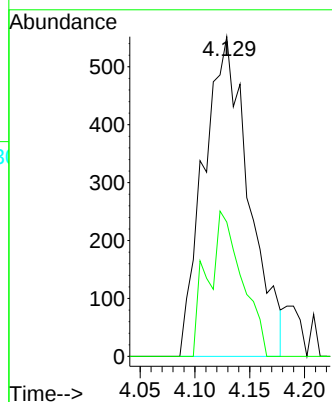
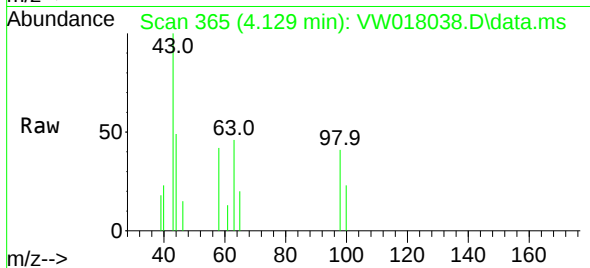




#13
Acetone
Concen: 1.35 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.018 min
Lab File: VW018038.D
Acq: 05 Feb 2021 17:11

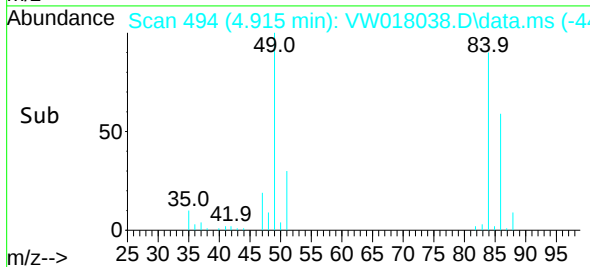
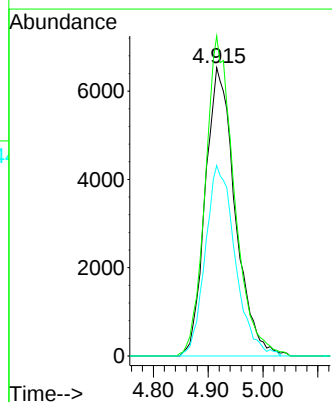
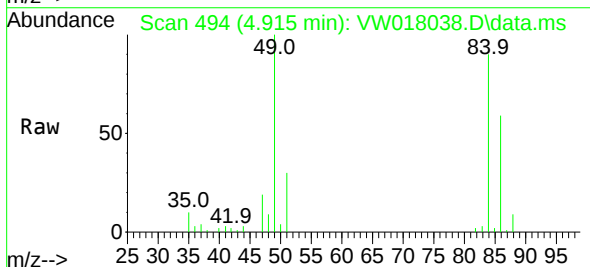
Instrument :
MSVOA_W
ClientSampled :
BG538

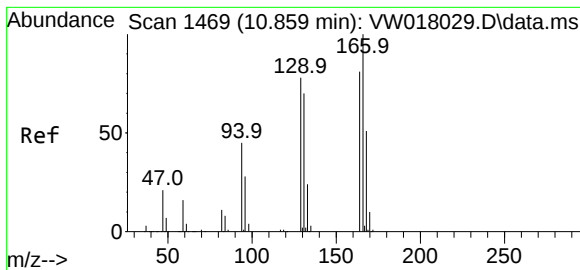
Tgt Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
58 24.7 0.0 68.4



#16
Methylene chloride
Concen: 3.21 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018038.D
Acq: 05 Feb 2021 17:11

Tgt Ion: 84 Resp: 24630
Ion Ratio Lower Upper
84 100
49 111.0 81.2 150.8
86 66.0 44.5 82.7





#47

Tetrachloroethene

Concen: 5.50 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW018038.D

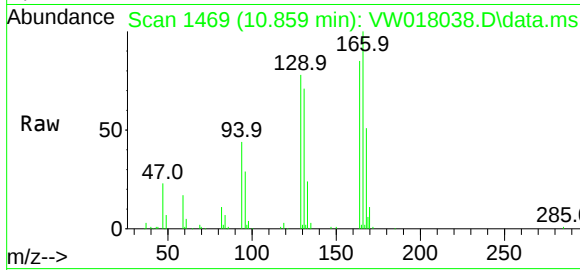
Acq: 05 Feb 2021 17:11

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MSVOA_W

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Tgt Ion:164 Resp: 33416

Ion Ratio Lower Upper

164 100

129 91.0 67.6 125.6

131 83.0 65.2 121.2

166 117.2 93.2 173.2

