

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018195.D
 Acq On : 17 Feb 2021 18:36
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:19:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

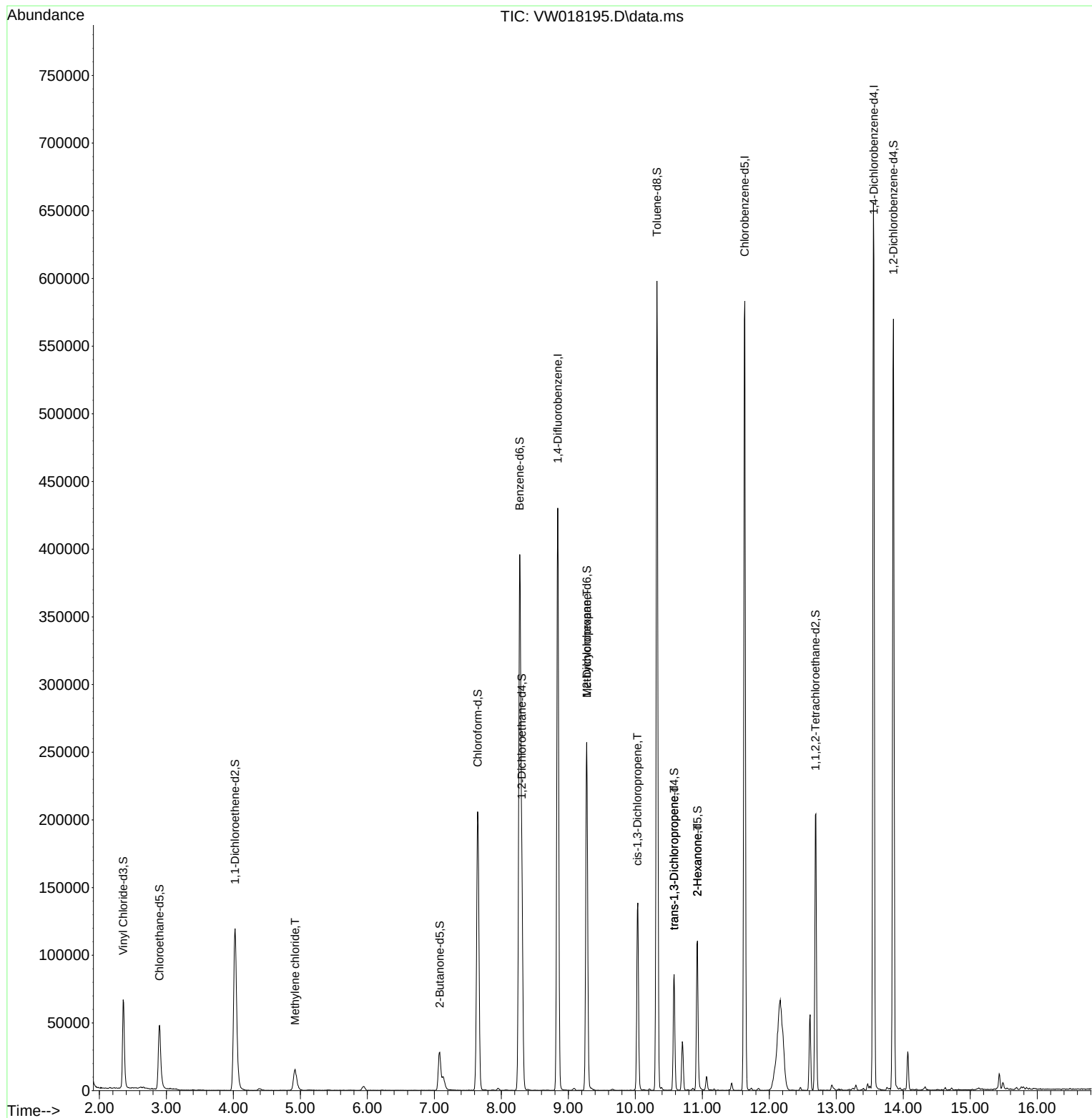
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	389718	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	354590	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	184634	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	80153	16.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.20%		
7) Chloroethane-d5	2.898	69	70156	18.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.00%		
10) 1,1-Dichloroethene-d2	4.025	63	133404	13.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.12%		
20) 2-Butanone-d5	7.080	46	46677	36.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.22%		
24) Chloroform-d	7.647	84	219806	21.49	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.96%		
26) 1,2-Dichloroethane-d4	8.305	65	111255	20.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.68%		
29) Benzene-d6	8.275	84	423646	21.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.04%		
33) 1,2-Dichloropropane-d6	9.275	67	123072	22.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.40%		
37) Toluene-d8	10.323	98	408811	22.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.28%		
38) trans-1,3-Dichloroprop...	10.579	79	50333	20.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.56%		
39) 2-Hexanone-d5	10.927	63	40729	39.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.24%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	101479	21.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	162826	24.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.88%		
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	14552	2.33	ug/L	93
36) Methylcyclohexane	9.275	83	32234	3.28	ug/L #	19
42) cis-1,3-Dichloropropene	10.030	75	3865	0.50	ug/L #	59
45) trans-1,3-Dichloropropene	10.579	75	2286	0.34	ug/L #	76
49) 2-Hexanone	10.927	43	4377	2.13	ug/L #	63

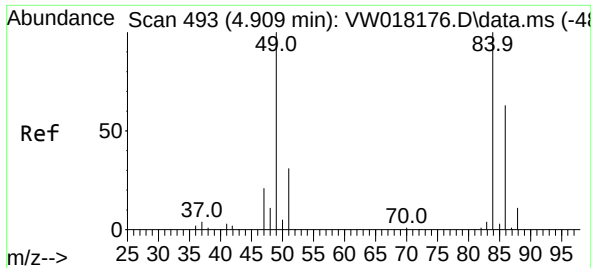
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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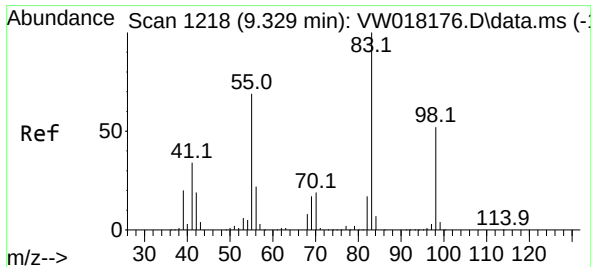
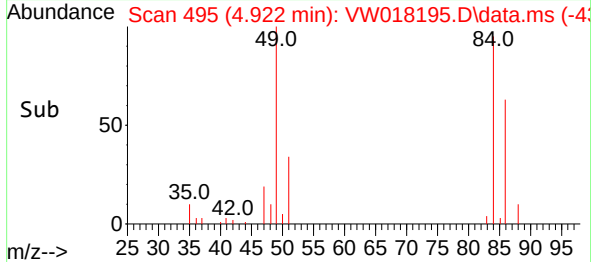
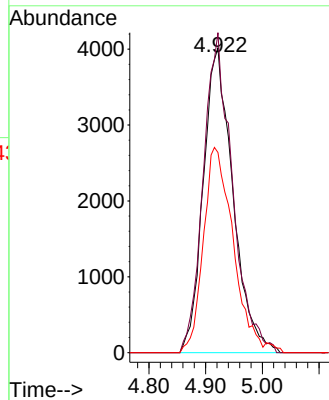
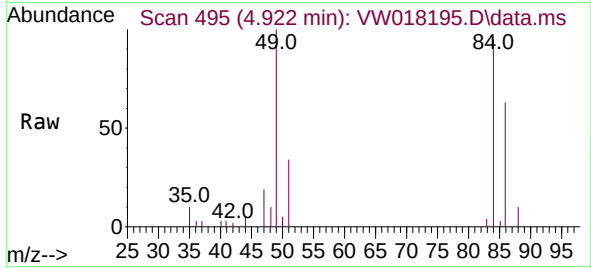




#16
Methylene chloride
Concen: 2.33 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018195.D
Acq: 17 Feb 2021 18:36

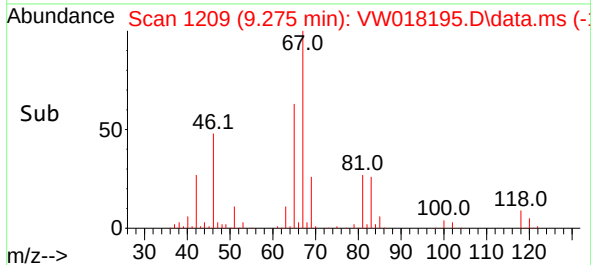
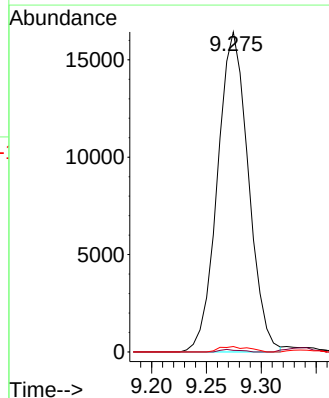
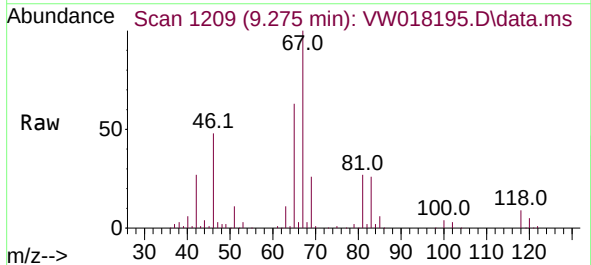
Instrument :
MSVOA_W
ClientSampleId :

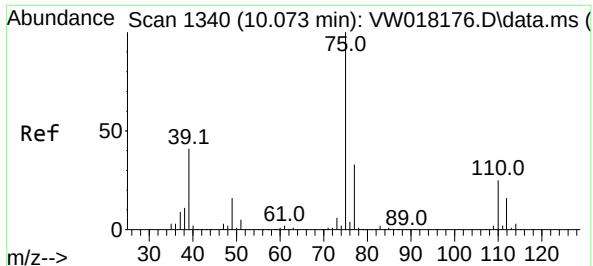
Tgt Ion:	84	Resp:	14552
Ion	Ratio	Lower	Upper
84	100		
49	105.0	81.2	150.8
86	65.7	44.5	82.7



#36
Methylcyclohexane
Concen: 3.28 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.055 min
Lab File: VW018195.D
Acq: 17 Feb 2021 18:36

Tgt Ion:	83	Resp:	32234
Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.4	89.0#
98	1.1	40.7	61.1#

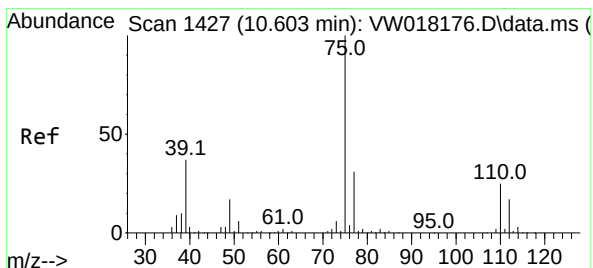
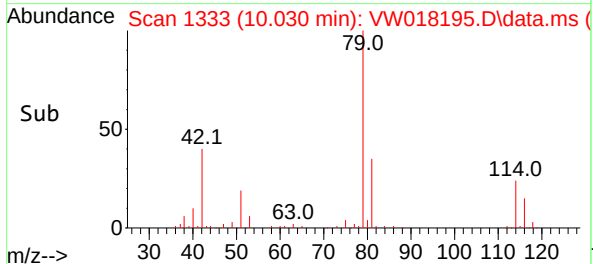
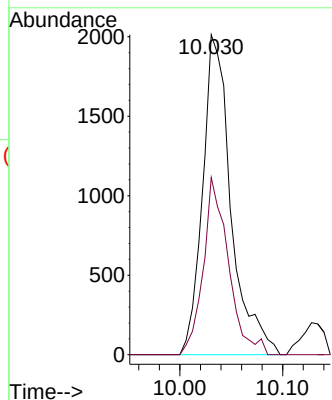
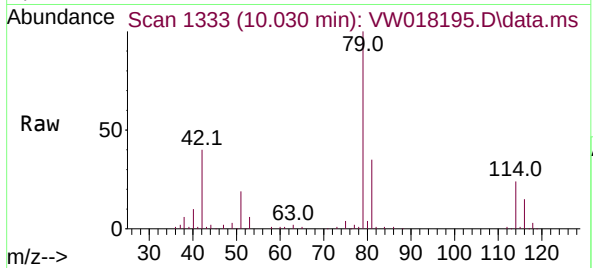




#42
cis-1,3-Dichloropropene
Concen: 0.50 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018195.D
Acq: 17 Feb 2021 18:36

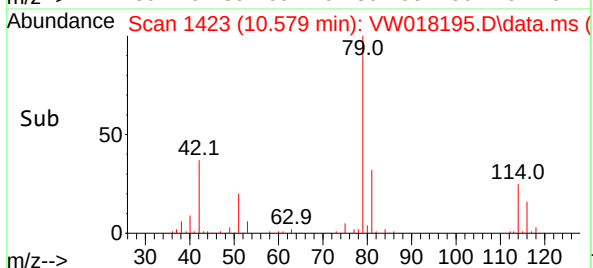
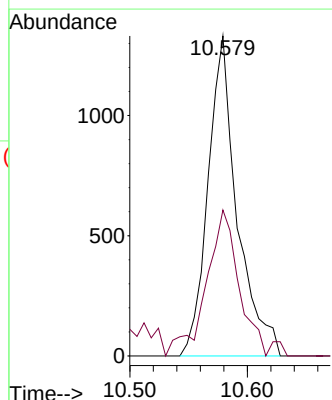
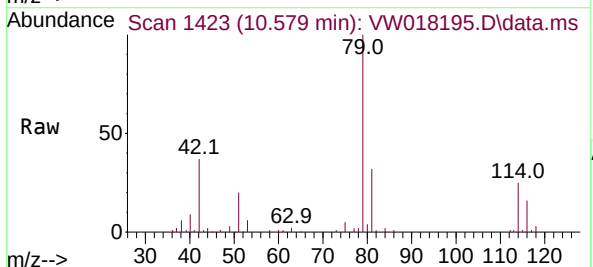
Instrument :
MSVOA_W
ClientSampled :

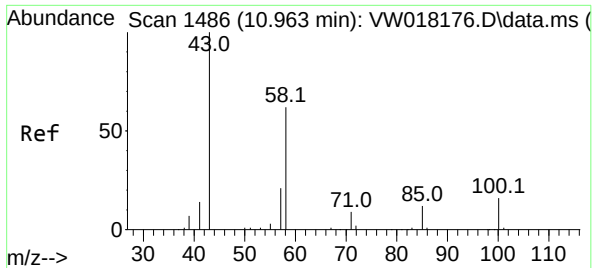
Tgt Ion: 75 Resp: 3865
Ion Ratio Lower Upper
75 100
77 55.3 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.34 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018195.D
Acq: 17 Feb 2021 18:36

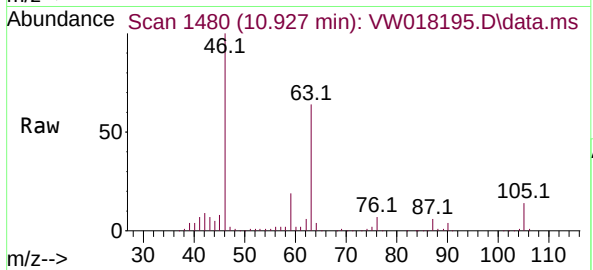
Tgt Ion: 75 Resp: 2286
Ion Ratio Lower Upper
75 100
77 45.6 22.6 42.0#





#49
2-Hexanone
Concen: 2.13 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW018195.D
Acq: 17 Feb 2021 18:36

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp: 4377
Ion Ratio	Lower Upper
43	100
58	30.1 51.3 76.9#
57	26.7 15.0 22.6#
100	0.0 12.2 18.2#

