

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018284.D
 Acq On : 10 Mar 2021 13:41
 Operator : SY/VA
 Sample : VIBLK09
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK09

Quant Time: Mar 11 02:02:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

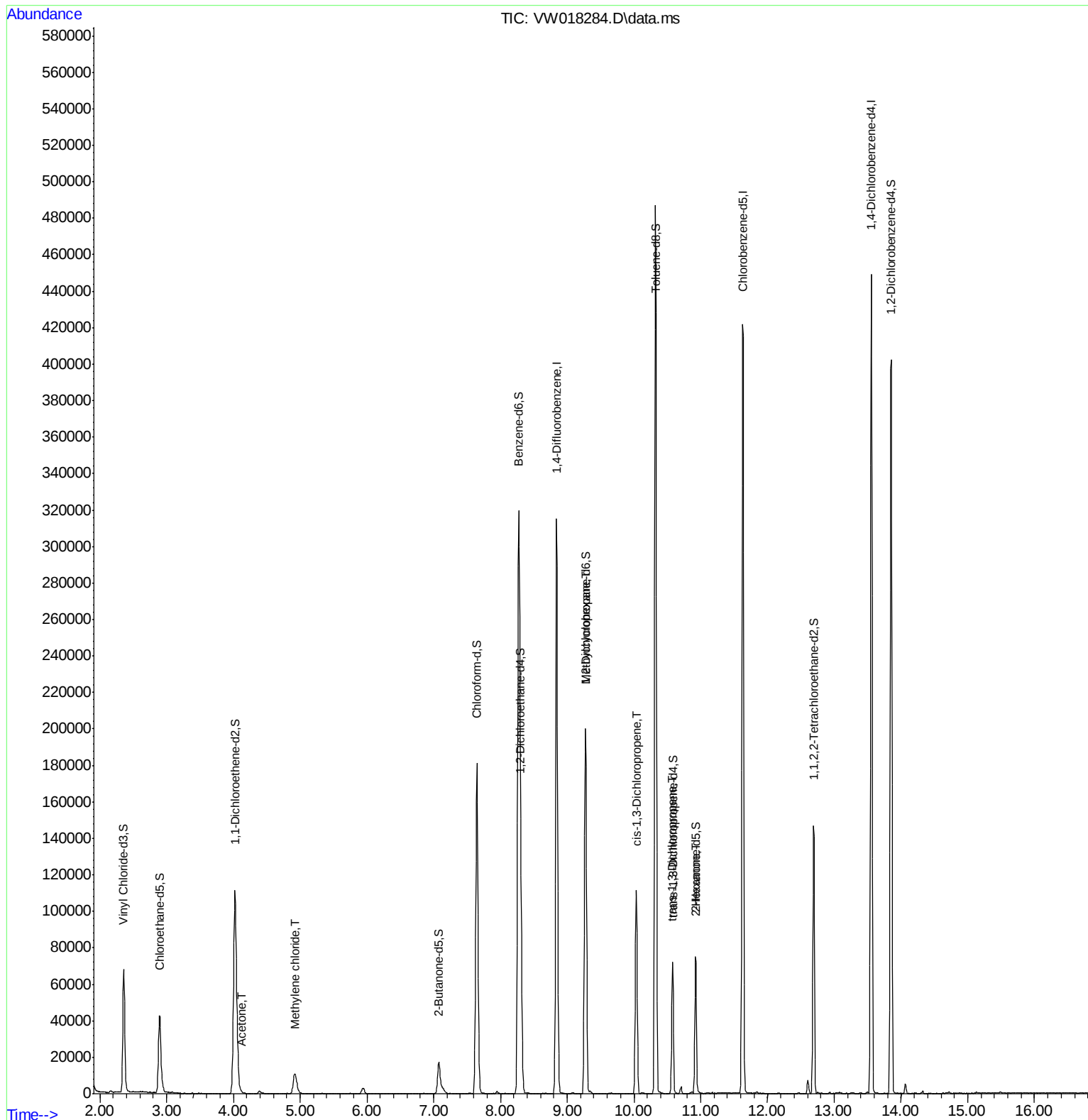
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	264447	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	238150	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	109693	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	79366	27.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.84%			
7) Chloroethane-d5	2.892	69	61529	26.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.84%			
10) 1,1-Dichloroethene-d2	4.019	63	128754	19.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.40%			
20) 2-Butanone-d5	7.080	46	29448	43.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.50%			
24) Chloroform-d	7.647	84	175703	24.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.12%			
26) 1,2-Dichloroethane-d4	8.305	65	97304	24.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.72%			
29) Benzene-d6	8.275	84	326521	25.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.00%			
33) 1,2-Dichloropropane-d6	9.275	67	90442	25.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.96%			
37) Toluene-d8	10.323	98	316698	25.89	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.56%			
38) trans-1,3-Dichloroprop...	10.579	79	40698	23.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.48%			
39) 2-Hexanone-d5	10.921	63	25669	43.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.84%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	68602	22.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.36%			
61) 1,2-Dichlorobenzene-d4	13.853	152	104086	26.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.44%			
Target Compounds						
13) Acetone	4.123	43	524	0.98	ug/L	92
16) Methylene chloride	4.922	84	10681	2.65	ug/L	94
36) Methylcyclohexane	9.275	83	25018	3.87	ug/L #	21
42) cis-1,3-Dichloropropene	10.037	75	3290	0.62	ug/L	84
45) trans-1,3-Dichloropropene	10.573	75	1943	0.41	ug/L #	75
49) 2-Hexanone	10.927	43	3005	2.64	ug/L #	67

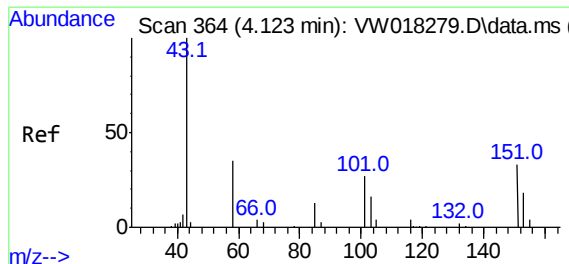
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 11 02:01:11 2021
Response via : Initial Calibration

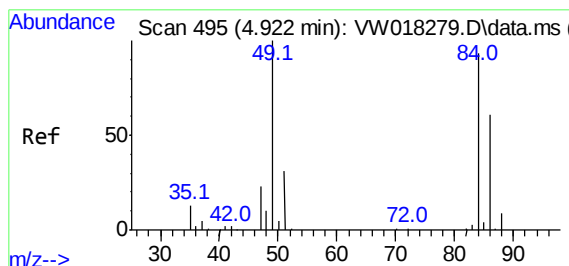
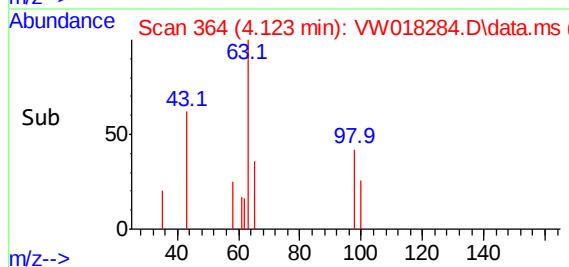
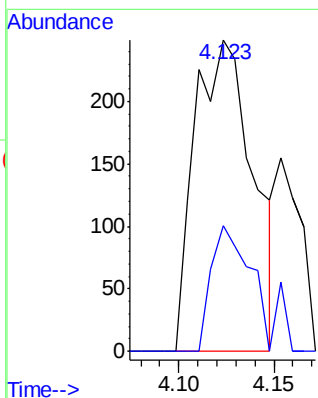
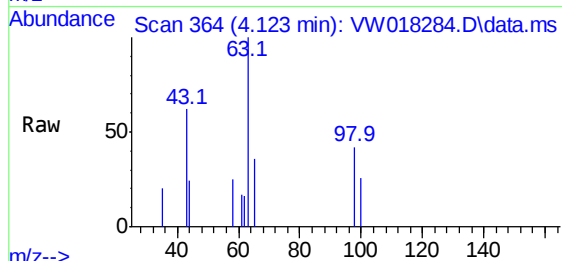




#13
Acetone
Concen: 0.98 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW018284.D
Acq: 10 Mar 2021 13:41

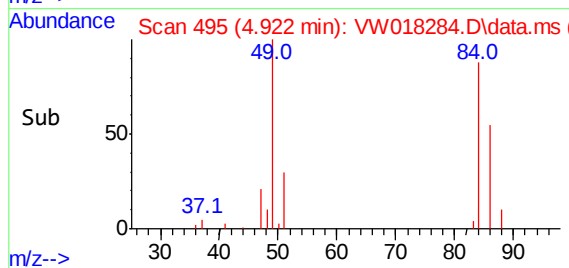
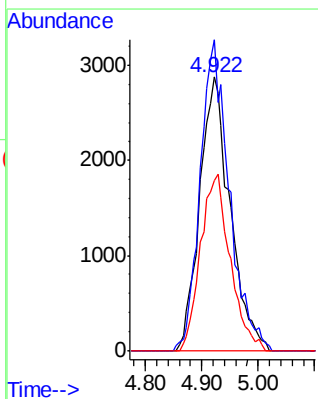
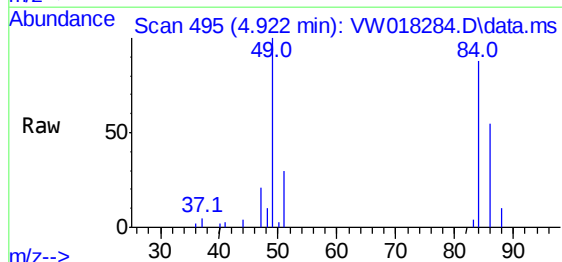
Instrument :
MSVOA_W
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VIBLK09

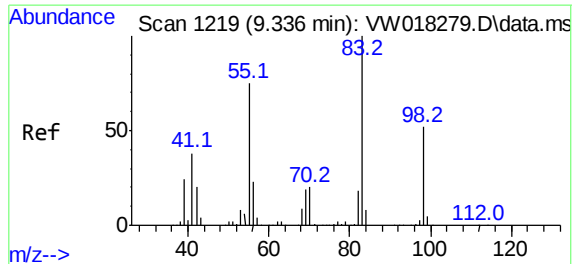
Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
58 26.7 0.0 62.2



#16
Methylene chloride
Concen: 2.65 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018284.D
Acq: 10 Mar 2021 13:41

Tgt Ion: 84 Resp: 10681
Ion Ratio Lower Upper
84 100
49 113.7 74.4 138.2
86 62.3 46.1 85.7

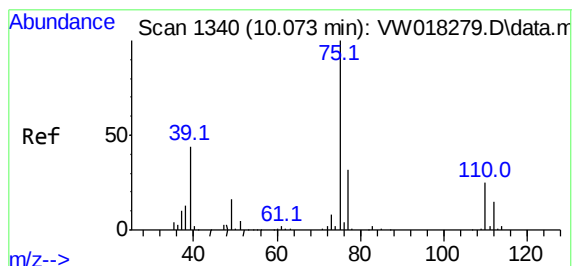
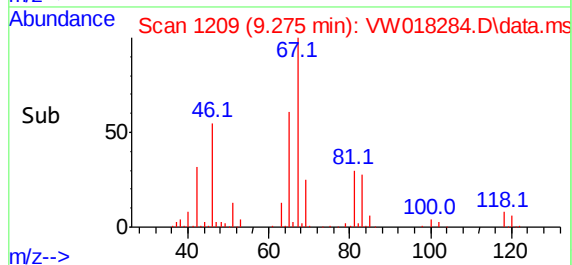
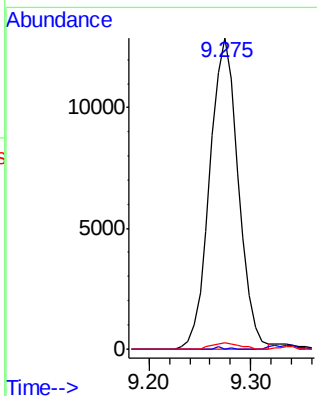
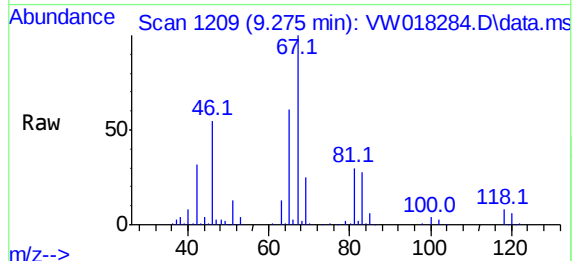




#36
Methylcyclohexane
Concen: 3.87 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018284.D
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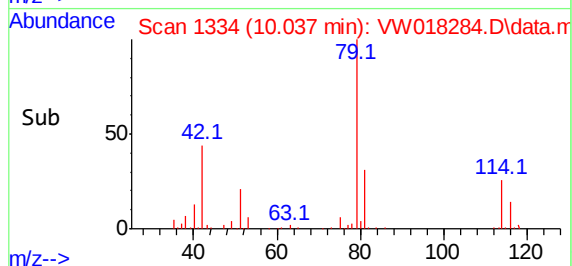
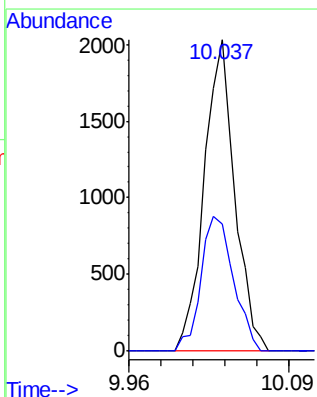
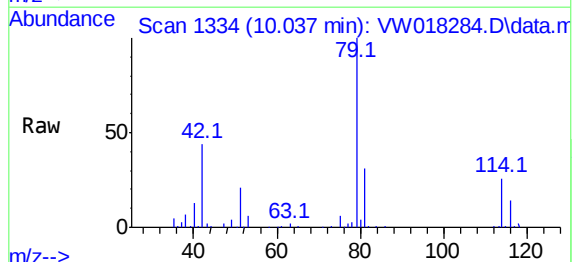
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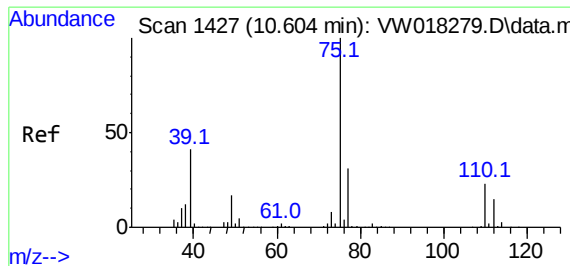
Tgt Ion: 83 Resp: 25018
Ion Ratio Lower Upper
83 100
55 0.1 56.8 85.2#
98 1.8 40.6 61.0#



#42
cis-1,3-Dichloropropene
Concen: 0.62 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018284.D
Acq: 10 Mar 2021 13:41

Tgt Ion: 75 Resp: 3290
Ion Ratio Lower Upper
75 100
77 40.9 22.4 41.6

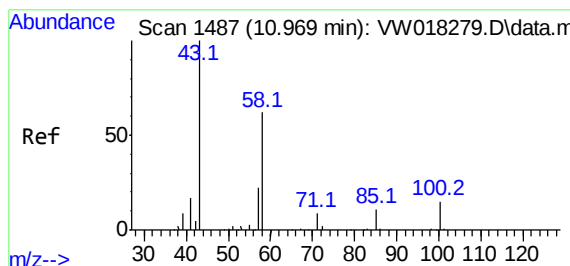
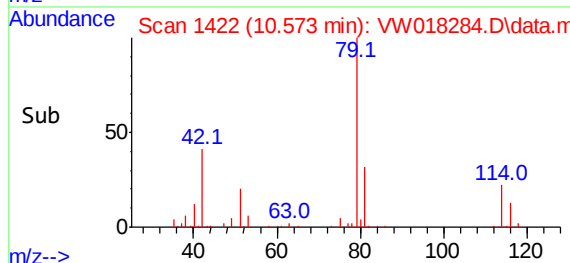
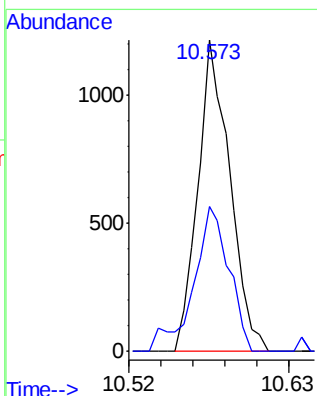
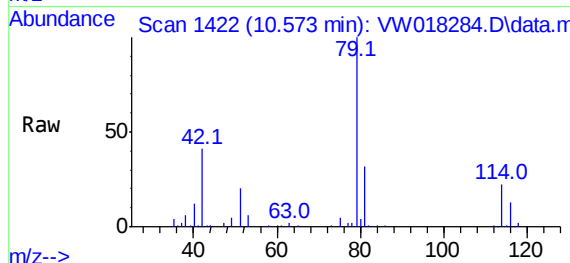




#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.031 min
Lab File: VW018284.D
Acq: 10 Mar 2021 13:41

Instrument :
MSVOA_W
ClientSampled :
VIBLK09

Tgt Ion: 75 Resp: 1943
Ion Ratio Lower Upper
75 100
77 46.5 22.6 42.0#



#49
2-Hexanone
Concen: 2.64 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018284.D
Acq: 10 Mar 2021 13:41

Tgt Ion: 43 Resp: 3005
Ion Ratio Lower Upper
43 100
58 31.1 47.3 70.9#
57 29.3 17.3 25.9#
100 0.0 12.9 19.3#

