

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018131.D
 Acq On : 15 Feb 2021 13:28
 Operator : SY/VA
 Sample : M1371-21
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Feb 16 02:23:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

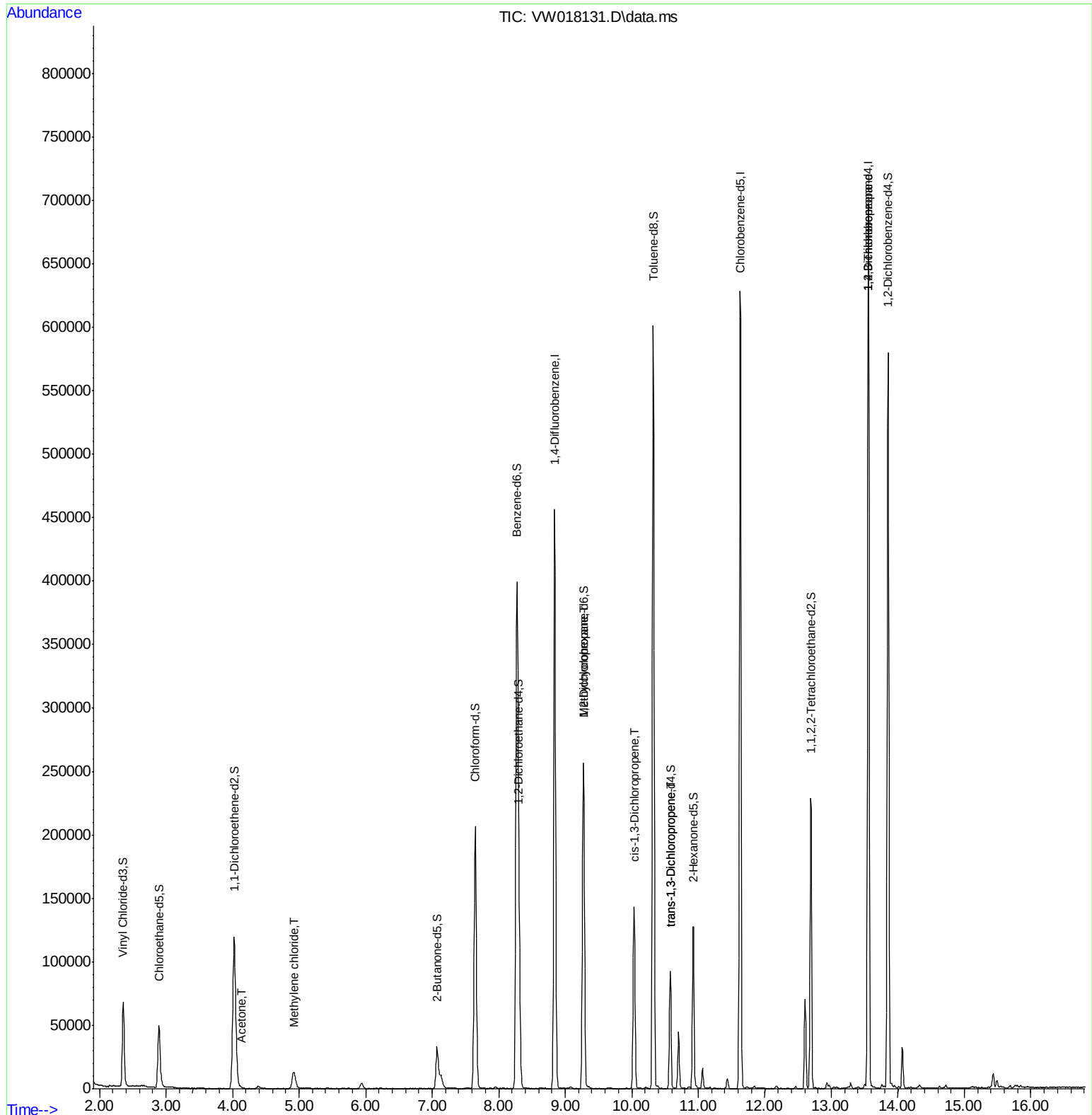
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	403941	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	373578	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	198185	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	80129	15.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.84%		
7) Chloroethane-d5	2.892	69	68847	17.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.12%		
10) 1,1-Dichloroethene-d2	4.026	63	131615	13.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	52.44%		
20) 2-Butanone-d5	7.074	46	55001	41.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.10%		
24) Chloroform-d	7.647	84	215618	20.34	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.36%		
26) 1,2-Dichloroethane-d4	8.305	65	117578	20.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.28%		
29) Benzene-d6	8.275	84	428221	20.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.52%		
33) 1,2-Dichloropropane-d6	9.275	67	123890	21.59	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.36%		
37) Toluene-d8	10.323	98	405627	20.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.12%		
38) trans-1,3-Dichloroprop...	10.579	79	54193	20.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.36%		
39) 2-Hexanone-d5	10.921	63	47162	43.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.00%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	110845	22.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.00%		
61) 1,2-Dichlorobenzene-d4	13.853	152	159957	22.63	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.52%		
Target Compounds						
13) Acetone	4.129	43	1272	1.28	ug/L	63
16) Methylene chloride	4.922	84	13023	2.01	ug/L	94
36) Methylcyclohexane	9.275	83	32818	3.17	ug/L #	19
42) cis-1,3-Dichloropropene	10.037	75	3959	0.49	ug/L #	63
45) trans-1,3-Dichloropropene	10.579	75	2549	0.36	ug/L	86
59) 1,2,3-Trichloropropane	13.554	75	19410	5.06	ug/L	99

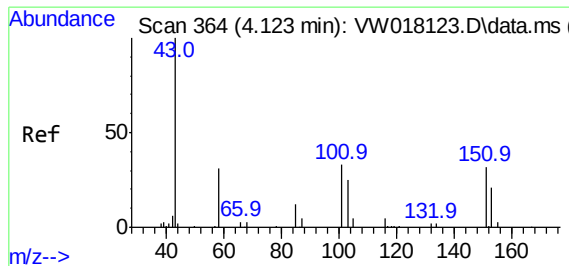
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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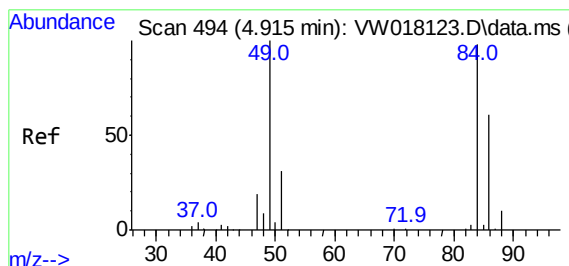
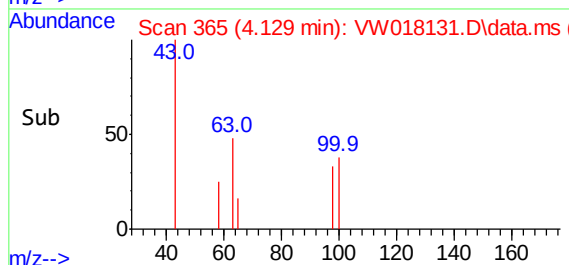
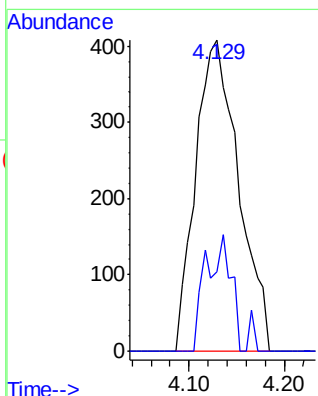
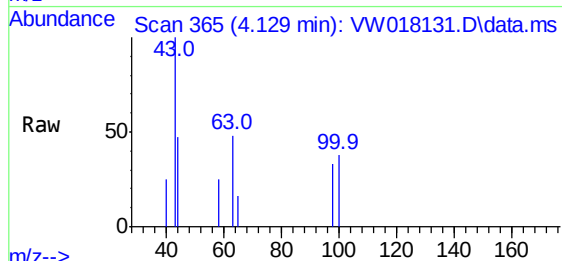




#13
Acetone
Concen: 1.28 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018131.D
Acq: 15 Feb 2021 13:28

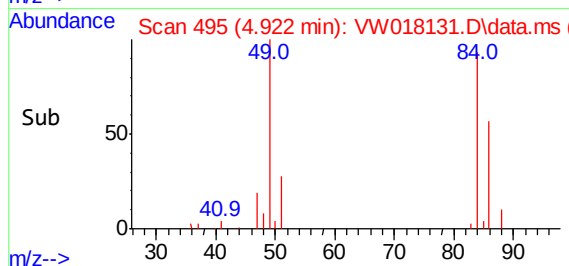
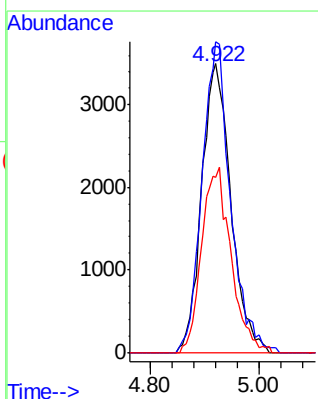
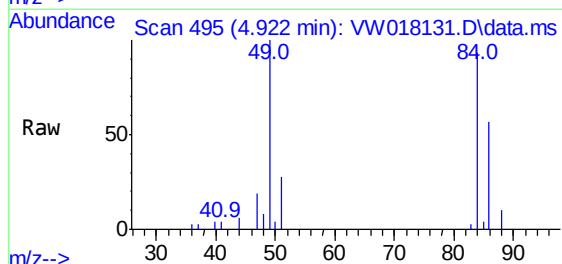
Instrument :
MSVOA_W
ClientSampled :
VHBLK01

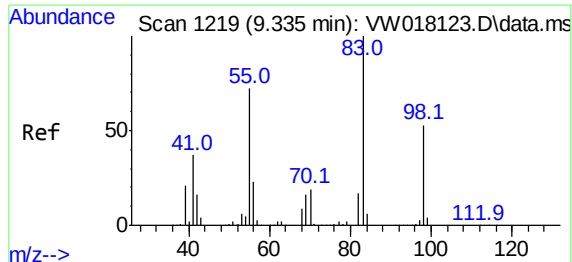
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 12.9 0.0 68.4



#16
Methylene chloride
Concen: 2.01 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018131.D
Acq: 15 Feb 2021 13:28

Tgt Ion: 84 Resp: 13023
Ion Ratio Lower Upper
84 100
49 107.6 81.2 150.8
86 60.8 44.5 82.7

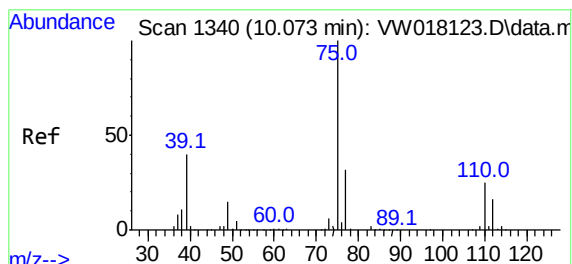
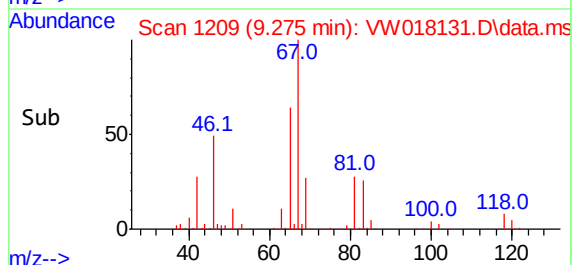
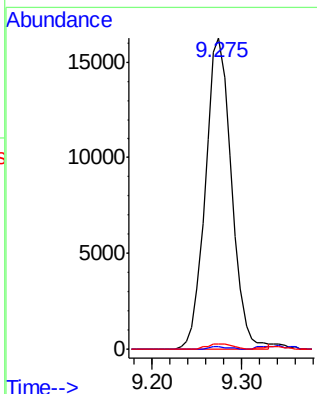
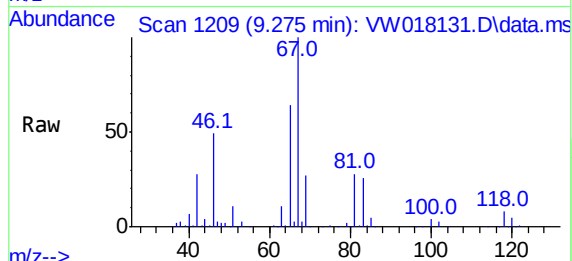




#36
Methylcyclohexane
Concen: 3.17 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018131.D
Acq: 15 Feb 2021 13:28

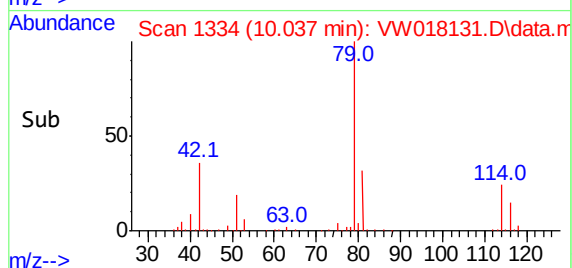
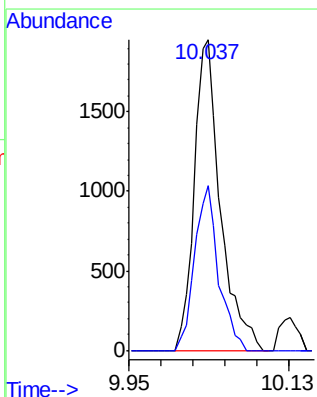
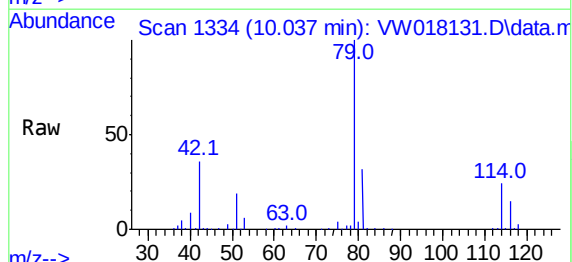
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VHBLK01

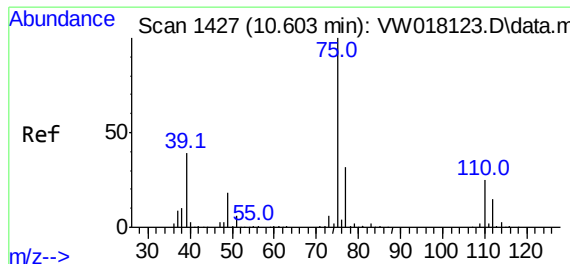
Tgt Ion: 83 Resp: 32818
Ion Ratio Lower Upper
83 100
55 0.5 59.4 89.0#
98 1.6 40.7 61.1#



#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018131.D
Acq: 15 Feb 2021 13:28

Tgt Ion: 75 Resp: 3959
Ion Ratio Lower Upper
75 100
77 53.0 22.7 42.3#

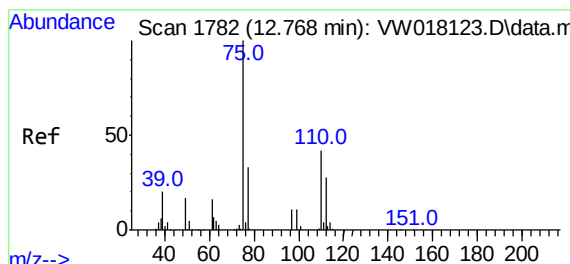
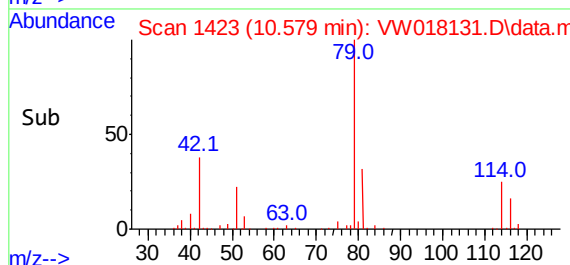
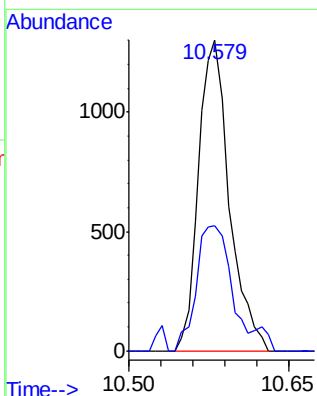
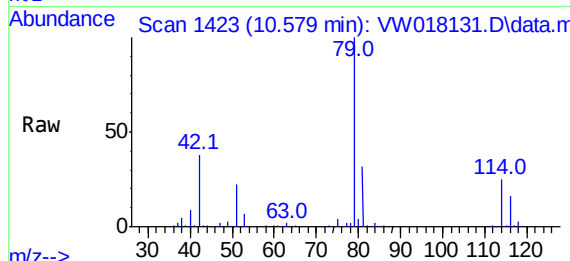




#45
trans-1,3-Dichloropropene
Concen: 0.36 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018131.D
Acq: 15 Feb 2021 13:28

Instrument :
MSVOA_W
ClientSampled :
VHBLK01

Tgt Ion: 75 Resp: 2549
Ion Ratio Lower Upper
75 100
77 40.3 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 5.06 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018131.D
Acq: 15 Feb 2021 13:28

Tgt Ion: 75 Resp: 19410
Ion Ratio Lower Upper
75 100
77 33.5 26.6 39.8

