

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021021\
 Data File : VW018066.D
 Acq On : 10 Feb 2021 16:45
 Operator : SY/VA
 Sample : M1371-09
 Misc : 5.95G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:58:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 11 00:57:43 2021
 Response via : Initial Calibration

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

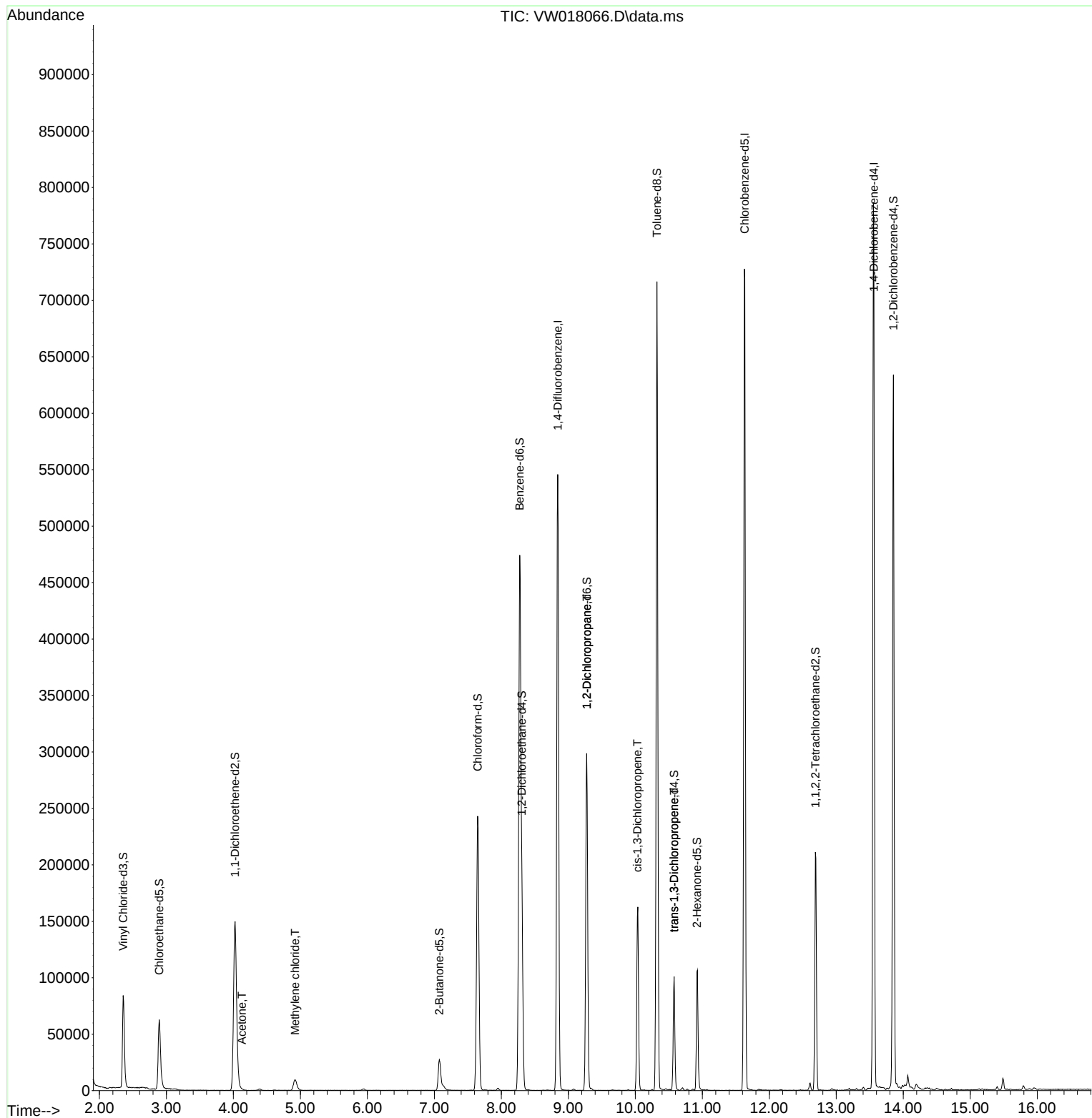
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	496280	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	441492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	227691	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	102732	16.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.64%		
7) Chloroethane-d5	2.892	69	87352	17.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.36%		
10) 1,1-Dichloroethene-d2	4.025	63	166880	13.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.12%		
20) 2-Butanone-d5	7.074	46	45543	27.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.34%		
24) Chloroform-d	7.647	84	258306	19.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.32%		
26) 1,2-Dichloroethane-d4	8.305	65	125035	18.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	72.08%		
29) Benzene-d6	8.275	84	506722	20.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.60%		
33) 1,2-Dichloropropane-d6	9.275	67	141993	20.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.76%		
37) Toluene-d8	10.323	98	475780	20.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.52%		
38) trans-1,3-Dichloroprop...	10.579	79	57575	18.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.92%		
39) 2-Hexanone-d5	10.921	63	38422	29.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.28%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	104408	17.53	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	70.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	173879	21.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.64%		
Target Compounds						Qvalue
13) Acetone	4.129	43	1271	1.04	ug/L	60
16) Methylene chloride	4.922	84	9299	1.17	ug/L	91
40) 1,2-Dichloropropane	9.275	63	15655	2.64	ug/L #	84
42) cis-1,3-Dichloropropene	10.031	75	4138	0.43	ug/L #	76
45) trans-1,3-Dichloropropene	10.579	75	2609	0.31	ug/L	94

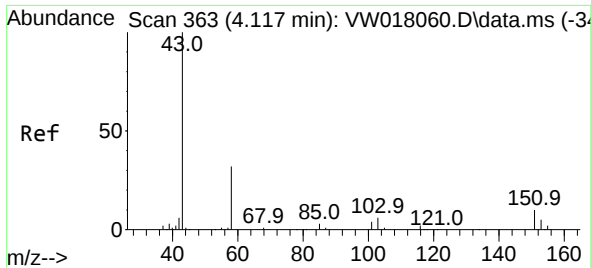
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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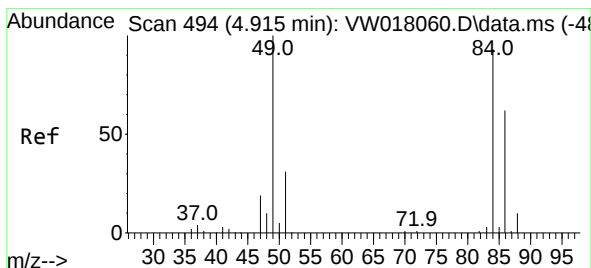
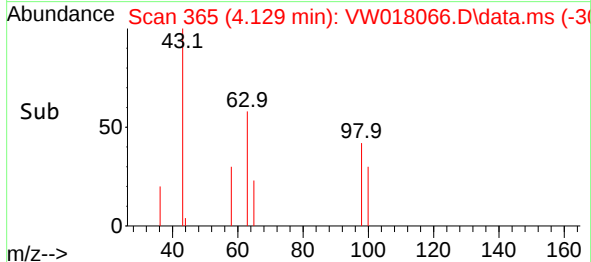
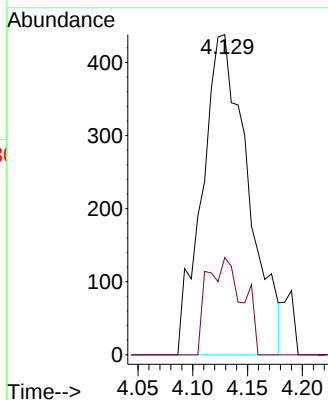
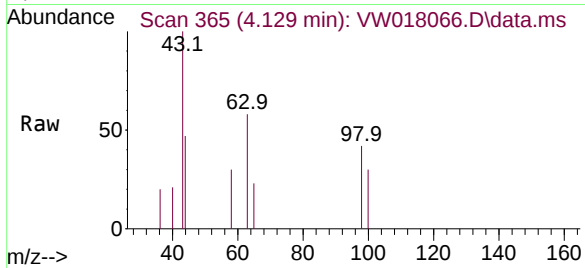




#13
Acetone
Concen: 1.04 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018066.D
Acq: 10 Feb 2021 16:45

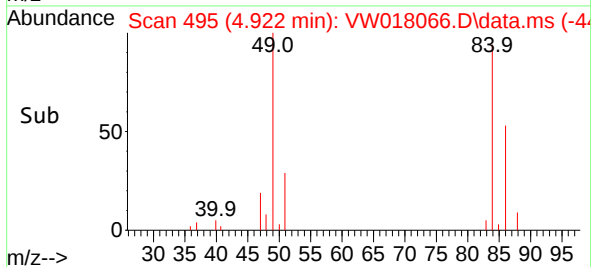
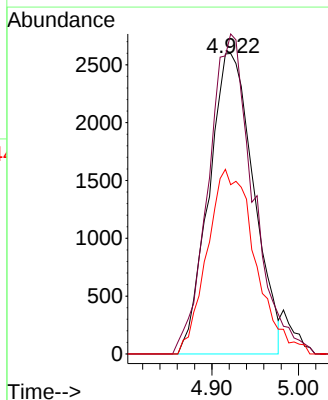
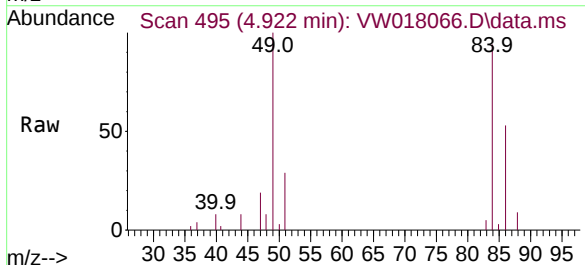
Instrument :
MSVOA_W
ClientSampled :

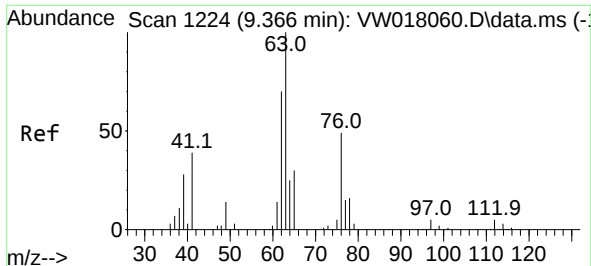
Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 11.4 0.0 68.4



#16
Methylene chloride
Concen: 1.17 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018066.D
Acq: 10 Feb 2021 16:45

Tgt Ion: 84 Resp: 9299
Ion Ratio Lower Upper
84 100
49 106.5 81.2 150.8
86 56.4 44.5 82.7





#40

1,2-Dichloropropane

Concen: 2.64 ug/L

RT: 9.275 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW018066.D

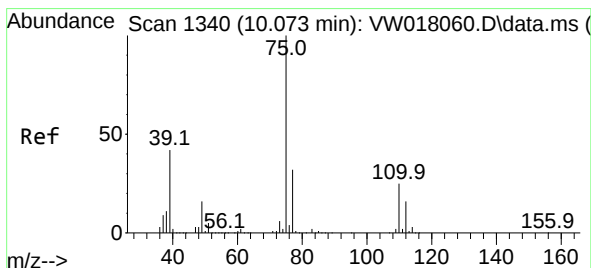
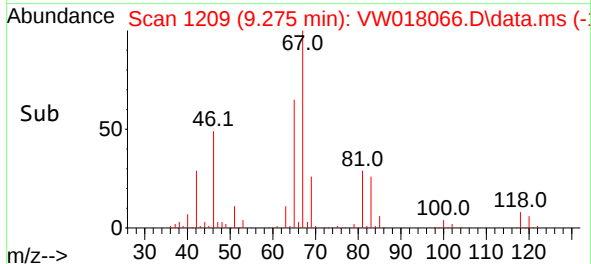
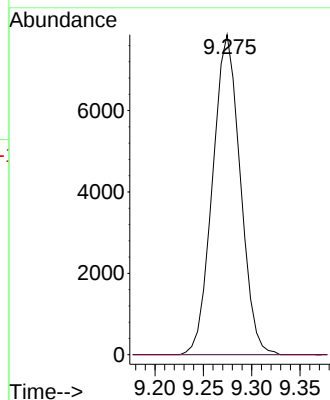
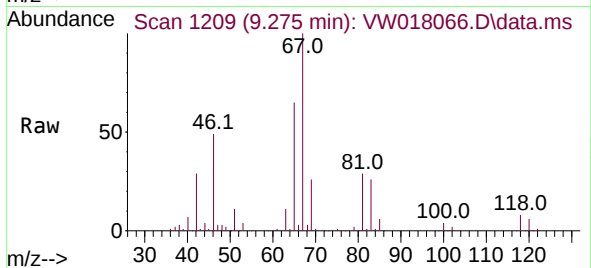
Acq: 10 Feb 2021 16:45

Tgt Ion: 63 Resp: 15655

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#42

cis-1,3-Dichloropropene

Concen: 0.43 ug/L

RT: 10.031 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW018066.D

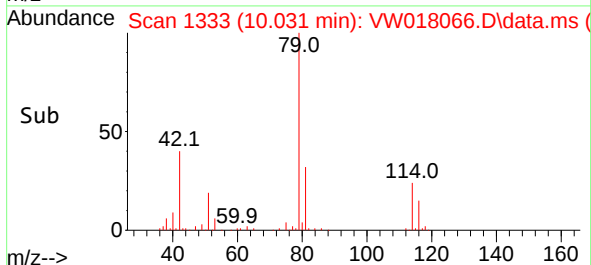
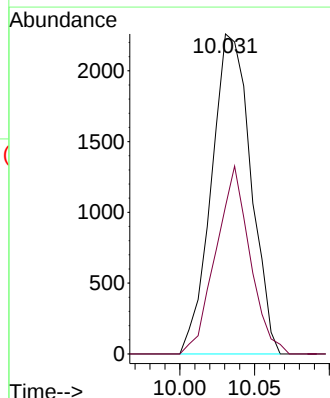
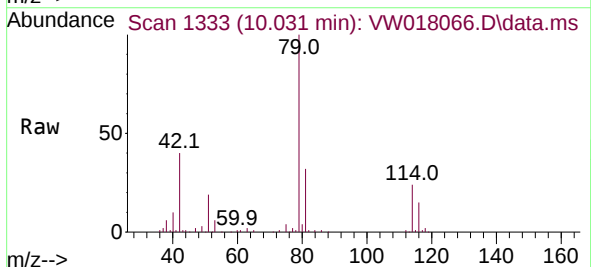
Acq: 10 Feb 2021 16:45

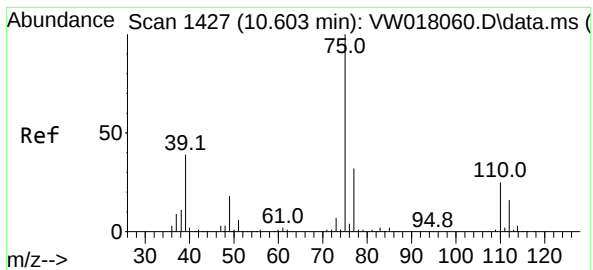
Tgt Ion: 75 Resp: 4138

Ion Ratio Lower Upper

75 100

77 46.1 22.7 42.3#





#45
trans-1,3-Dichloropropene
Concen: 0.31 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018066.D
Acq: 10 Feb 2021 16:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2609
Ion Ratio Lower Upper
75 100
77 35.8 22.6 42.0

