

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011921\
 Data File : VW017954.D
 Acq On : 19 Jan 2021 13:49
 Operator : SY/VA
 Sample : M1170-02
 Misc : 3.27G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 20 04:56:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 04:48:23 2021
 Response via : Initial Calibration

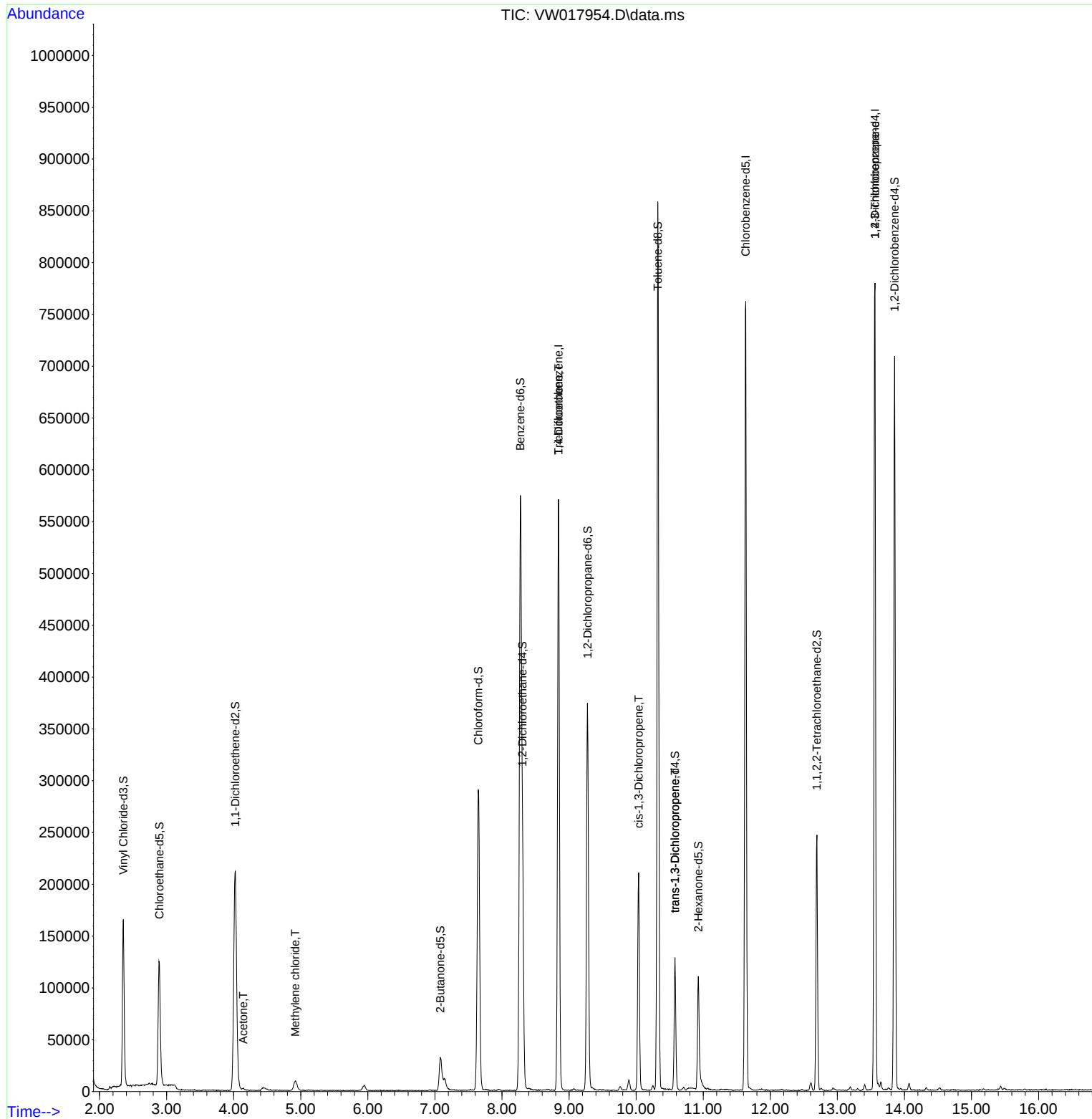
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	458766	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	404530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	195232	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169488	23.54	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	94.16%		
7) Chloroethane-d5	2.891	69	139056	23.39	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	93.56%		
10) 1,1-Dichloroethene-d2	4.025	63	226626	17.42	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	69.68%		
20) 2-Butanone-d5	7.080	46	54542	31.32	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	62.64%		
24) Chloroform-d	7.647	84	289720	23.14	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	92.56%		
26) 1,2-Dichloroethane-d4	8.305	65	159607	22.54	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	90.16%		
29) Benzene-d6	8.275	84	573177	24.76	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	99.04%		
33) 1,2-Dichloropropane-d6	9.274	67	162636	24.68	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	98.72%		
37) Toluene-d8	10.323	98	553219	25.45	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	101.80%		
38) trans-1,3-Dichloroprop...	10.579	79	65488	21.76	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	87.04%		
39) 2-Hexanone-d5	10.927	63	37481	31.73	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	63.46%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	113706	19.41	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	77.64%		
61) 1,2-Dichlorobenzene-d4	13.853	152	169903	25.01	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	100.04%		
Target Compounds						
13) Acetone	4.141	43	1978	1.61	ug/L	84
16) Methylene chloride	4.915	84	7430	1.12	ug/L	95
35) Trichloroethene	8.842	95	15482	2.35	ug/L #	3
42) cis-1,3-Dichloropropene	10.037	75	6226	0.68	ug/L #	74
45) trans-1,3-Dichloropropene	10.579	75	3669	0.46	ug/L	96
59) 1,2,3-Trichloropropane	13.560	75	27530	6.33	ug/L	100

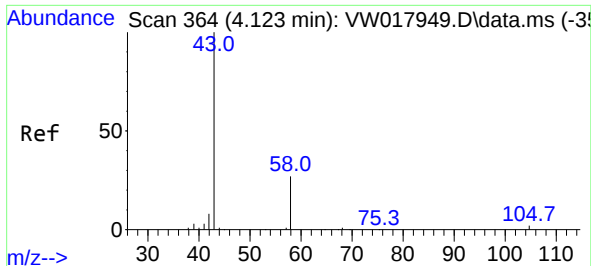
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 20 04:48:23 2021
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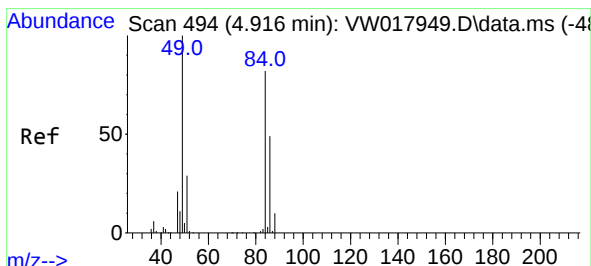
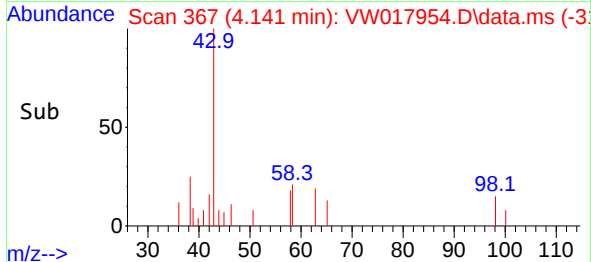
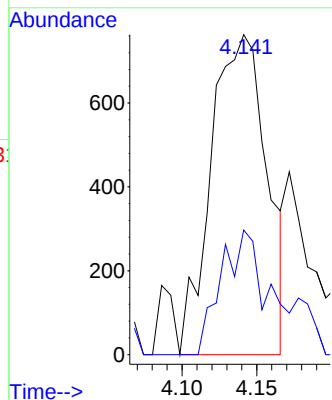
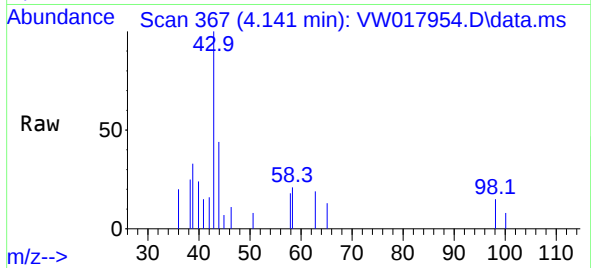




#13
Acetone
Concen: 1.61 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW017954.D
Acq: 19 Jan 2021 13:49

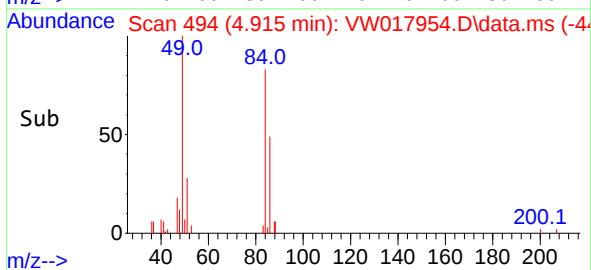
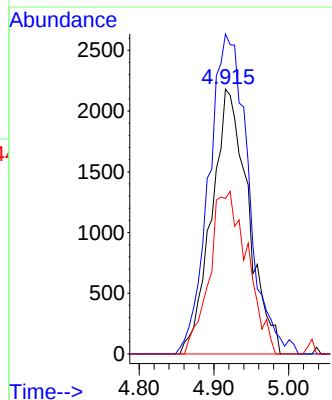
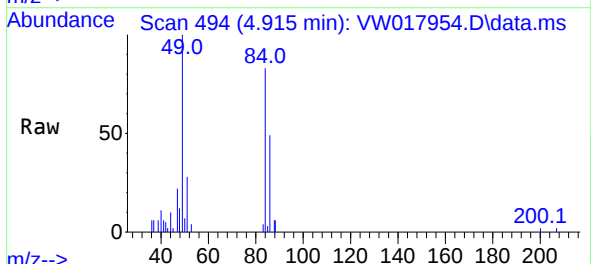
Instrument :
MSVOA_W
ClientSampled :

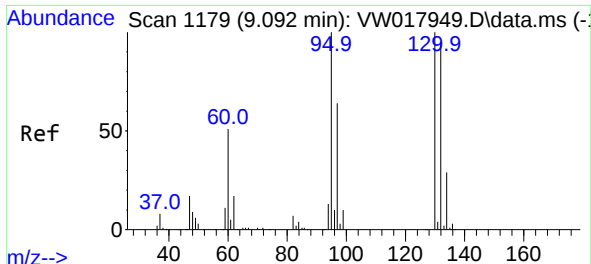
Tgt Ion: 43 Resp: 1978
Ion Ratio Lower Upper
43 100
58 25.1 0.0 68.4



#16
Methylene chloride
Concen: 1.12 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017954.D
Acq: 19 Jan 2021 13:49

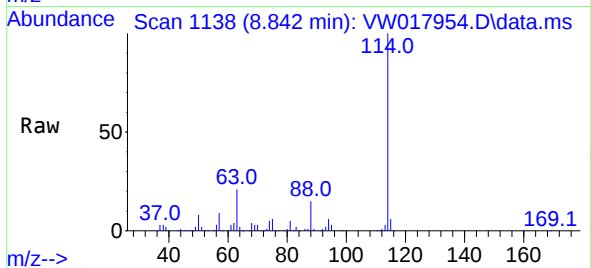
Tgt Ion: 84 Resp: 7430
Ion Ratio Lower Upper
84 100
49 120.8 81.2 150.8
86 58.6 44.5 82.7



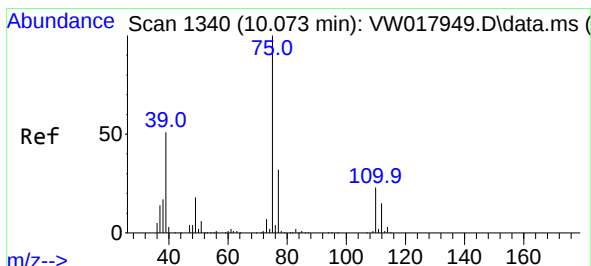
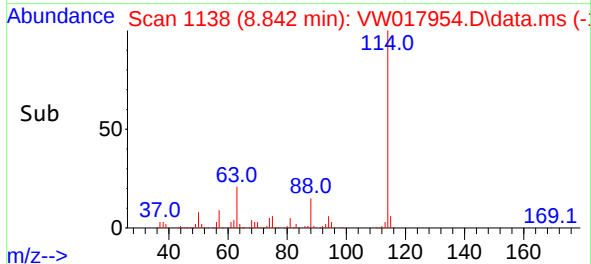
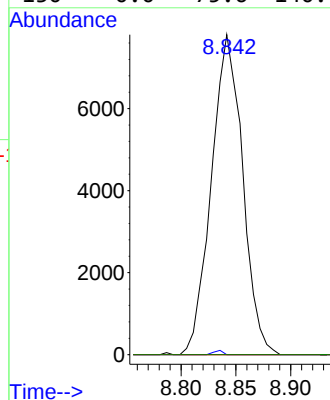


#35
Trichloroethene
Concen: 2.35 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
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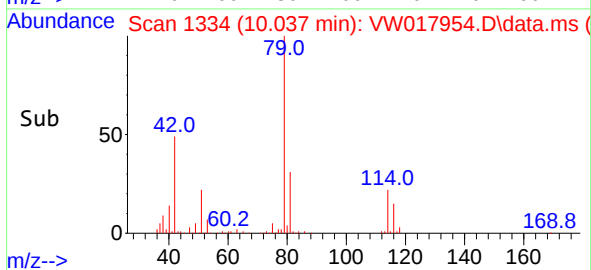
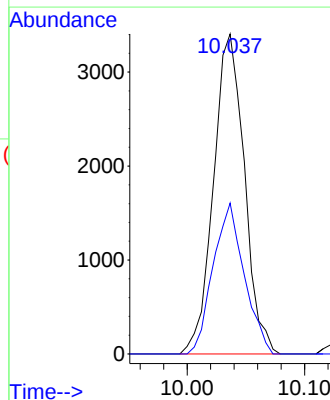
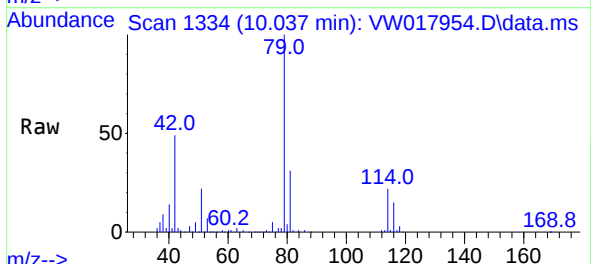


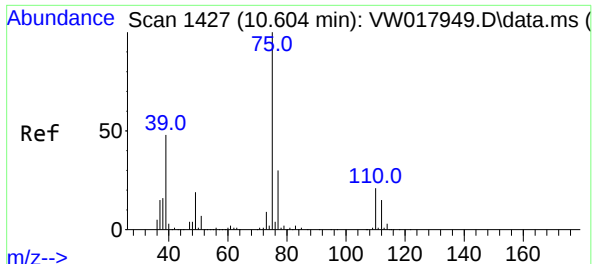
Tgt Ion: 95 Resp: 15482
Ion Ratio Lower Upper
95 100
97 0.4 45.0 83.6#
132 0.3 71.0 131.8#
130 0.0 75.6 140.4#



#42
cis-1,3-Dichloropropene
Concen: 0.68 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW017954.D
Acq: 19 Jan 2021 13:49

Tgt Ion: 75 Resp: 6226
Ion Ratio Lower Upper
75 100
77 47.2 22.7 42.3#

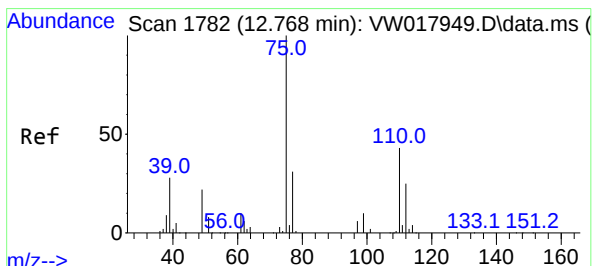
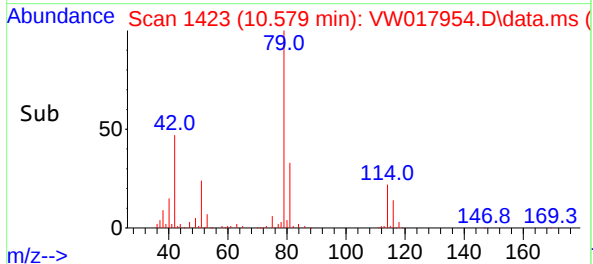
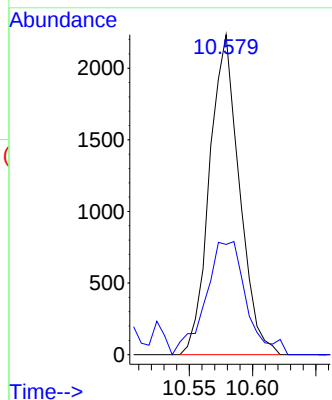
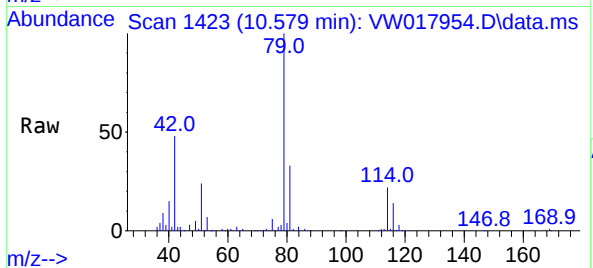




#45
trans-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017954.D
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Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 3669
Ion Ratio Lower Upper
75 100
77 34.5 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 6.33 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.792 min
Lab File: VW017954.D
Acq: 19 Jan 2021 13:49

Tgt Ion: 75 Resp: 27530
Ion Ratio Lower Upper
75 100
77 32.9 26.6 39.8

