

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018163.D
 Acq On : 16 Feb 2021 15:27
 Operator : SY/VA
 Sample : M1414-05
 Misc : 6.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGX1

Quant Time: Feb 17 01:06:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 17 01:02:43 2021
 Response via : Initial Calibration

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

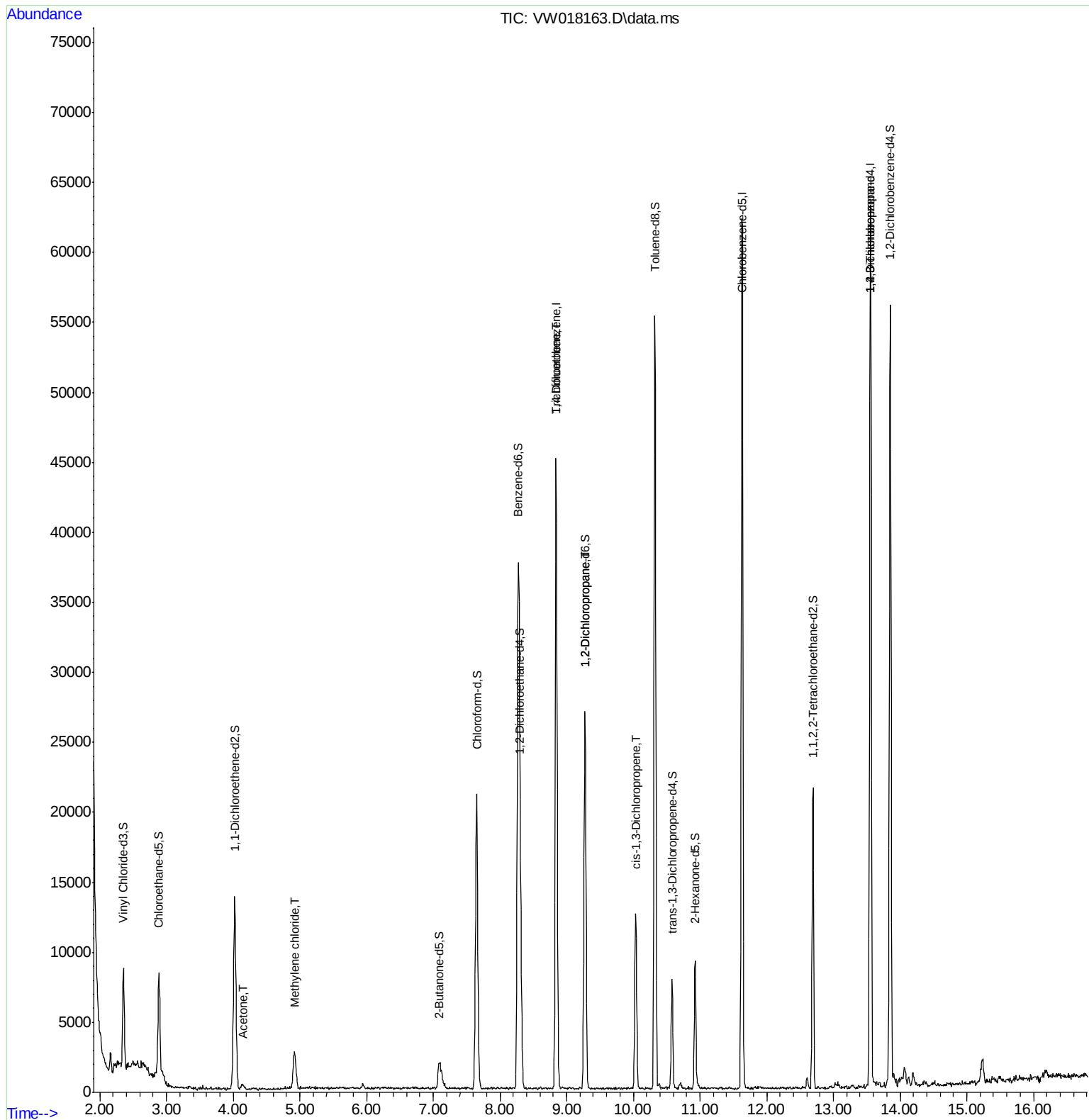
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	40417	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	37583	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	17865	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	6663	13.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.04%		
7) Chloroethane-d5	2.885	69	7982	20.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.08%		
10) 1,1-Dichloroethene-d2	4.019	63	13424	13.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.48%		
20) 2-Butanone-d5	7.085	46	3619	27.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	54.00%		
24) Chloroform-d	7.652	84	22619	21.33	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.32%		
26) 1,2-Dichloroethane-d4	8.305	65	11689	20.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.76%		
29) Benzene-d6	8.274	84	42362	20.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.12%		
33) 1,2-Dichloropropane-d6	9.274	67	12774	22.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.52%		
37) Toluene-d8	10.323	98	37313	19.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.00%		
38) trans-1,3-Dichloroprop...	10.579	79	4668	17.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	71.36%		
39) 2-Hexanone-d5	10.920	63	3513	31.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.68%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	10430	20.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	15560	24.42	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.68%		
Target Compounds						
13) Acetone	4.147	43	555	5.60	ug/L	95
16) Methylene chloride	4.921	84	2079	3.21	ug/L	87
35) Trichloroethene	8.841	95	1159	1.87	ug/L #	3
40) 1,2-Dichloropropane	9.274	63	1417	2.81	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	348	0.43	ug/L	88
59) 1,2,3-Trichloropropane	13.554	75	1972	5.11	ug/L	98

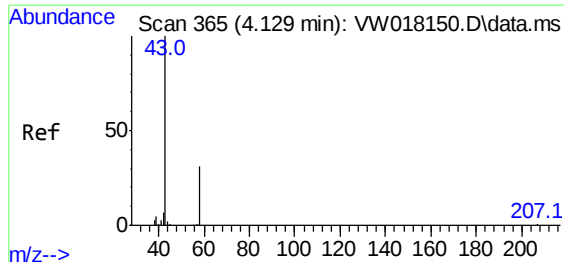
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

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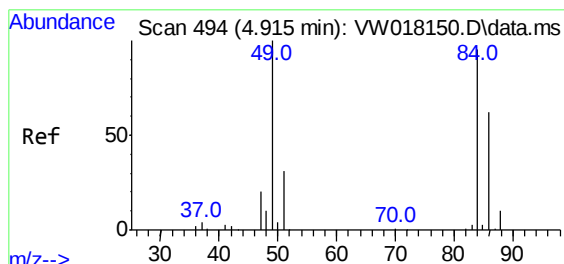
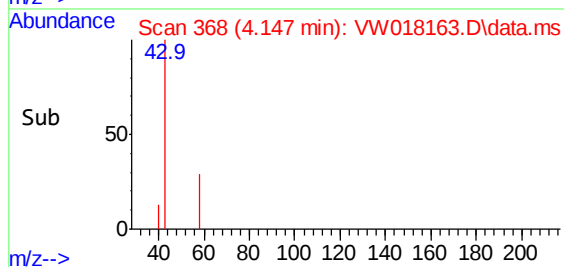
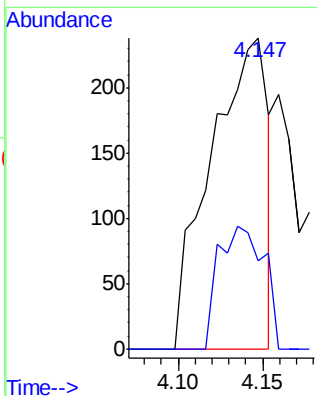
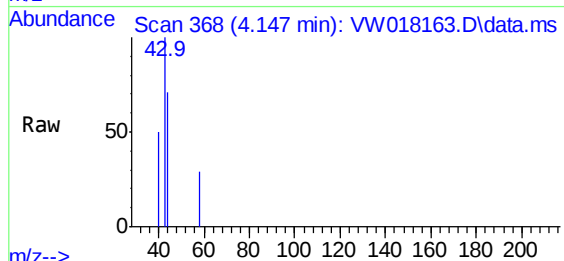




#13
Acetone
Concen: 5.60 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.018 min
Lab File: VW018163.D
Acq: 16 Feb 2021 15:27

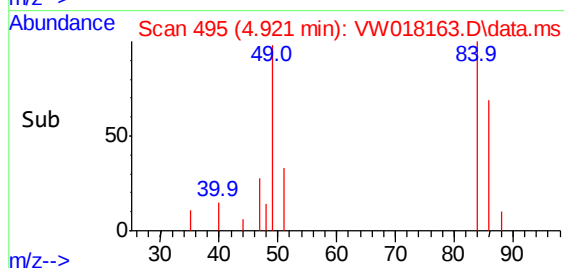
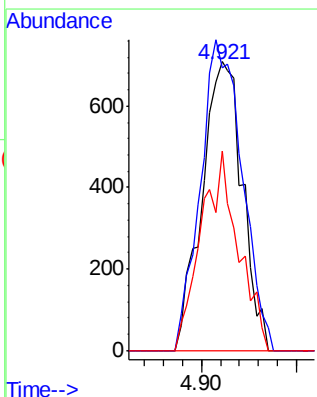
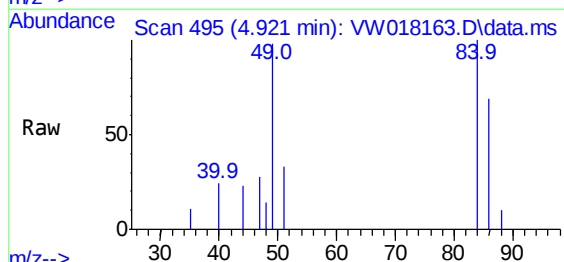
Instrument :
MSVOA_W
ClientSampled :
DBGX1

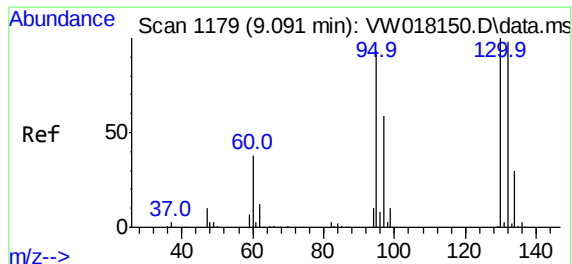
Tgt Ion: 43 Resp: 555
Ion Ratio Lower Upper
43 100
58 31.4 0.0 68.4



#16
Methylene chloride
Concen: 3.21 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018163.D
Acq: 16 Feb 2021 15:27

Tgt Ion: 84 Resp: 2079
Ion Ratio Lower Upper
84 100
49 97.9 81.2 150.8
86 68.9 44.5 82.7

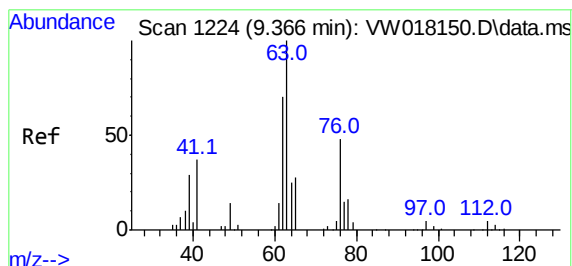
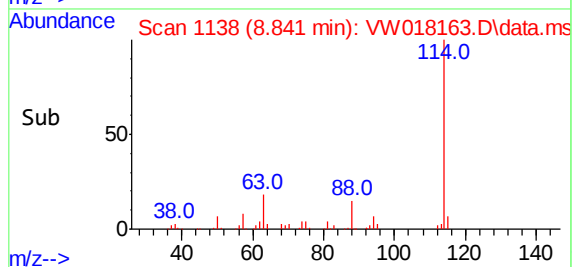
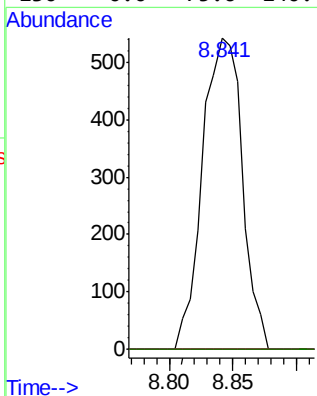
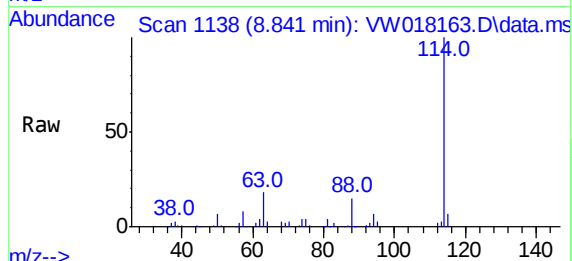




#35
Trichloroethene
Concen: 1.87 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018163.D
Acq: 16 Feb 2021 15:27

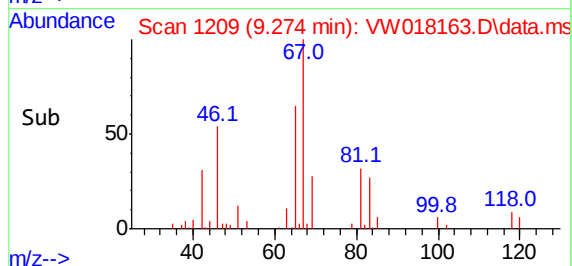
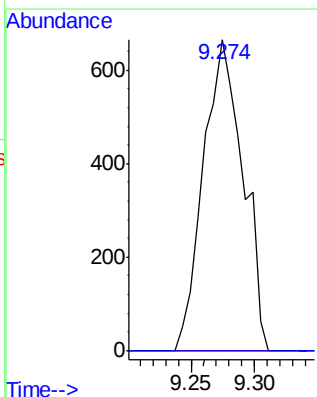
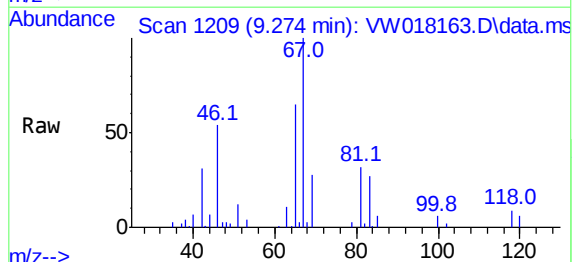
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DBGX1

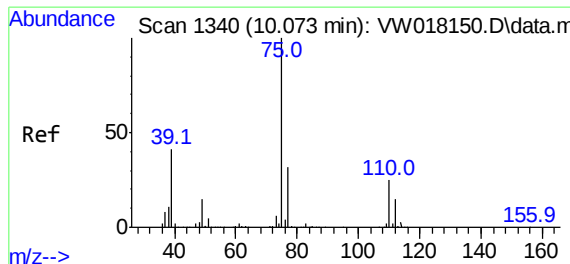
Tgt Ion: 95 Resp: 1159
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 71.0 131.8#
130 0.0 75.6 140.4#



#40
1,2-Dichloropropane
Concen: 2.81 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018163.D
Acq: 16 Feb 2021 15:27

Tgt Ion: 63 Resp: 1417
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

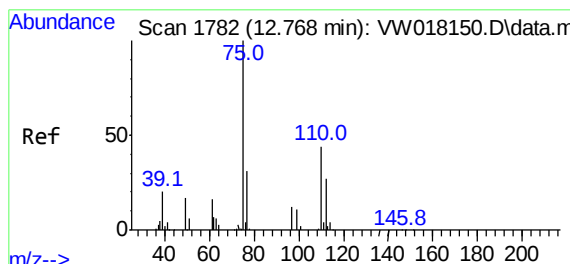
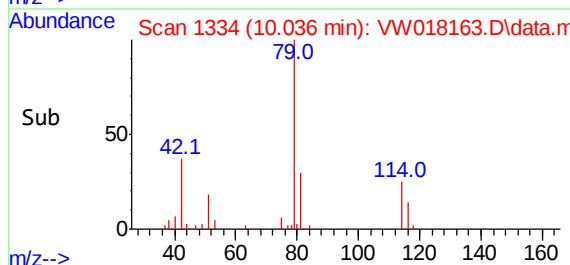
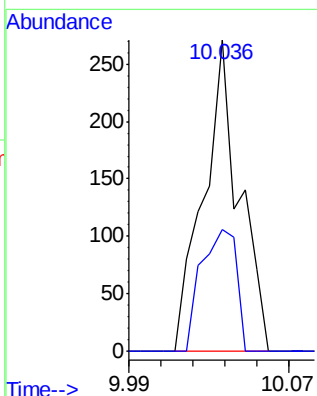
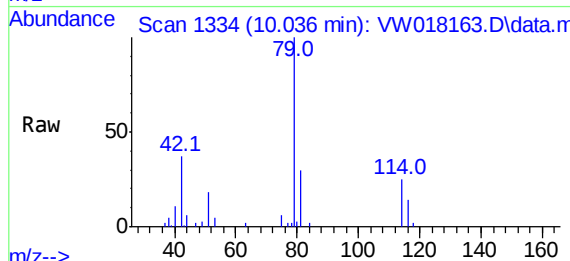




#42
 cis-1,3-Dichloropropene
 Concen: 0.43 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW018163.D
 Acq: 16 Feb 2021 15:27

Instrument :
 MSVOA_W
 ClientSampled :
 DBGX1

Tgt Ion: 75 Resp: 348
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.7 42.3



#59
 1,2,3-Trichloropropane
 Concen: 5.11 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018163.D
 Acq: 16 Feb 2021 15:27

Tgt Ion: 75 Resp: 1972
 Ion Ratio Lower Upper
 75 100
 77 34.3 26.6 39.8

