

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
 Data File : VW018181.D
 Acq On : 17 Feb 2021 12:57
 Operator : SY/VA
 Sample : M1370-24
 Misc : 4.69G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 06:16:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

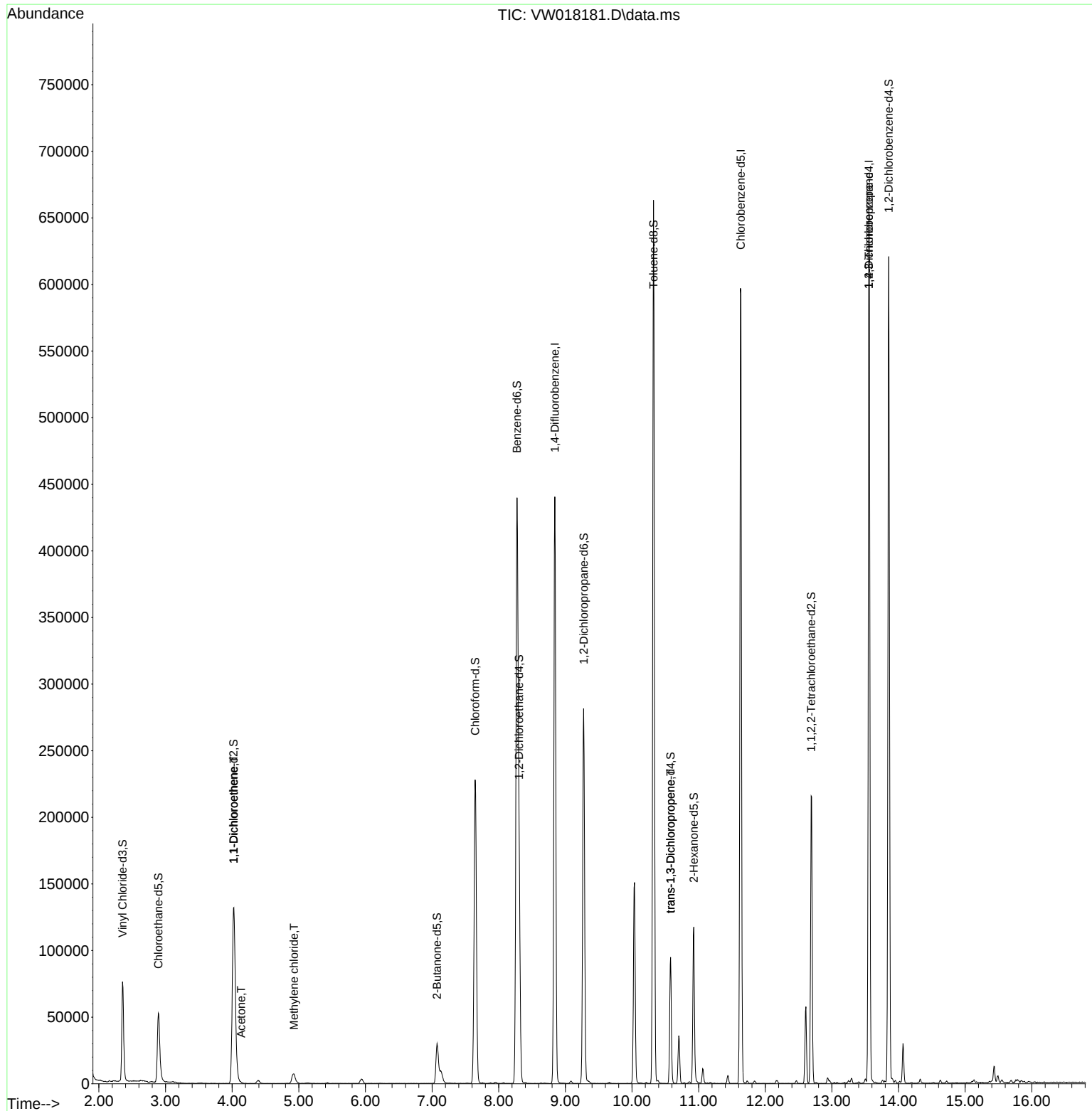
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	393976	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	360011	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	190143	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	89406	18.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.04%		
7) Chloroethane-d5	2.891	69	76521	19.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.76%		
10) 1,1-Dichloroethene-d2	4.019	63	149480	15.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.08%		
20) 2-Butanone-d5	7.074	46	49726	38.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.12%		
24) Chloroform-d	7.647	84	242605	23.47	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.88%		
26) 1,2-Dichloroethane-d4	8.305	65	122546	22.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.00%		
29) Benzene-d6	8.275	84	477809	24.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.68%		
33) 1,2-Dichloropropane-d6	9.274	67	135365	24.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.92%		
37) Toluene-d8	10.323	98	454143	24.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.60%		
38) trans-1,3-Dichloroprop...	10.579	79	54996	21.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.76%		
39) 2-Hexanone-d5	10.927	63	41734	39.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.96%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	106438	21.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.68%		
61) 1,2-Dichlorobenzene-d4	13.853	152	174884	25.78	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.12%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.025	96	1560	0.30	ug/L	# 1
13) Acetone	4.135	43	931	0.96	ug/L	61
16) Methylene chloride	4.928	84	7224	1.14	ug/L	85
45) trans-1,3-Dichloropropene	10.579	75	2849	0.42	ug/L	84
59) 1,2,3-Trichloropropane	13.554	75	18581	5.03	ug/L	100

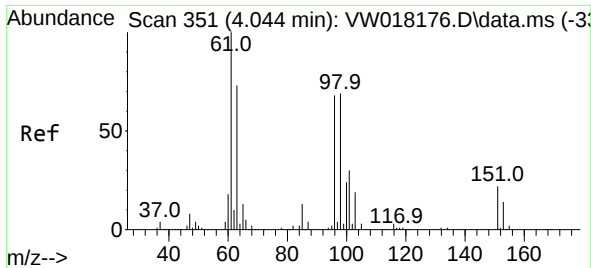
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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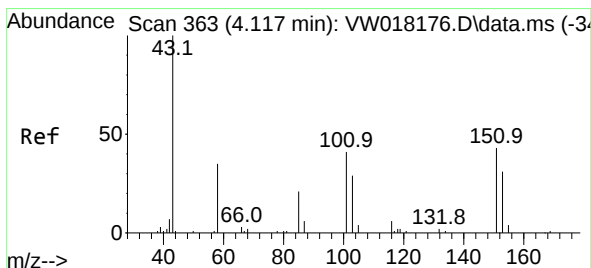
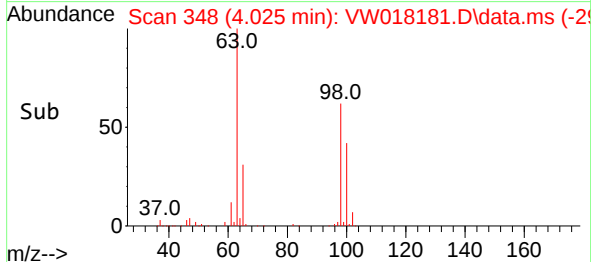
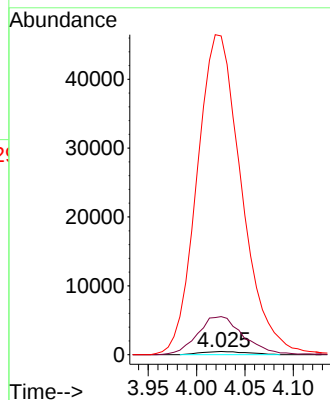
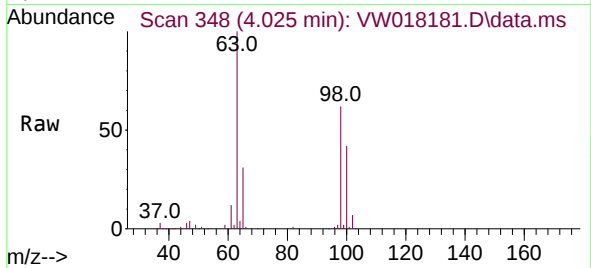




#12
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.018 min
Lab File: VW018181.D
Acq: 17 Feb 2021 12:57

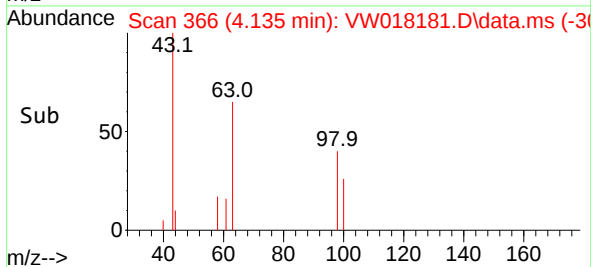
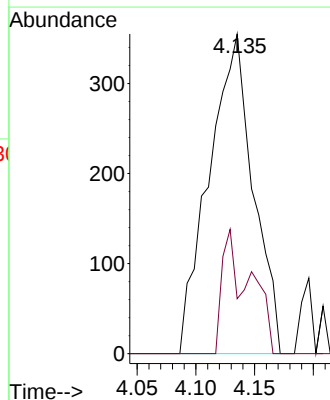
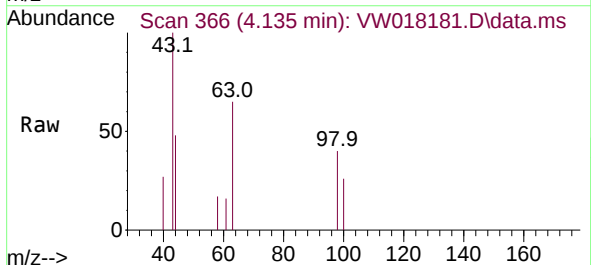
Instrument :
MSVOA_W
ClientSampled :

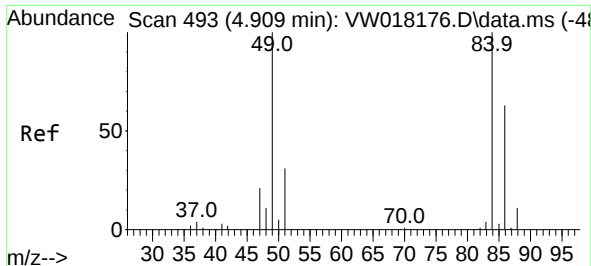
Tgt Ion: 96 Resp: 1560
Ion Ratio Lower Upper
96 100
61 1179.7 112.5 208.9#
63 9872.9 83.1 154.3#



#13
Acetone
Concen: 0.96 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018181.D
Acq: 17 Feb 2021 12:57

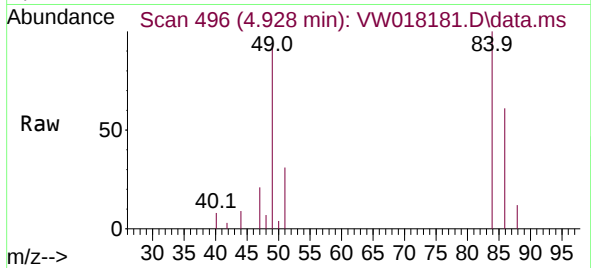
Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 12.0 0.0 68.4





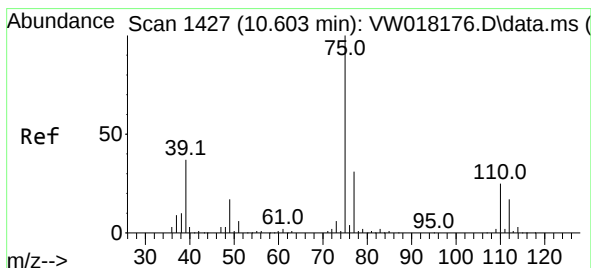
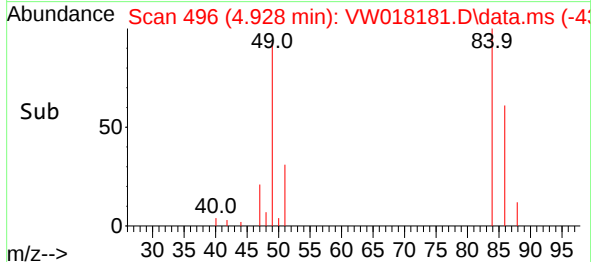
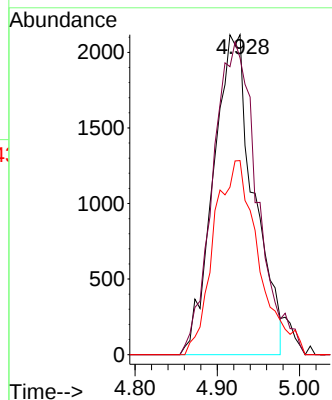
#16
Methylene chloride
Concen: 1.14 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.018 min
Lab File: VW018181.D
Acq: 17 Feb 2021 12:57

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 84 Resp: 7224

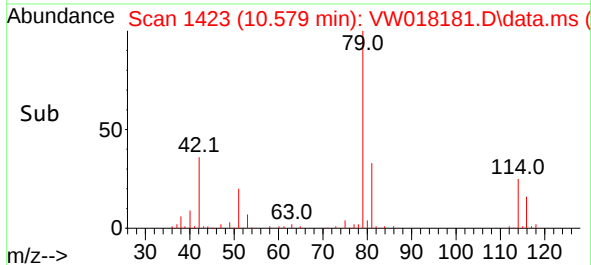
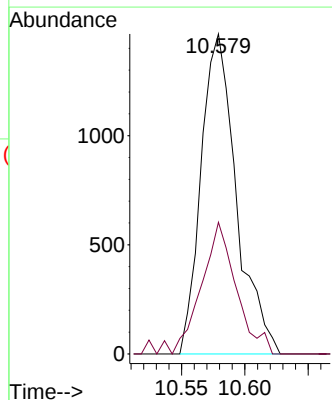
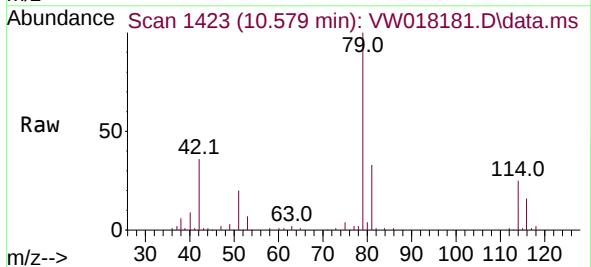
Ion	Ratio	Lower	Upper
84	100		
49	92.7	81.2	150.8
86	60.7	44.5	82.7

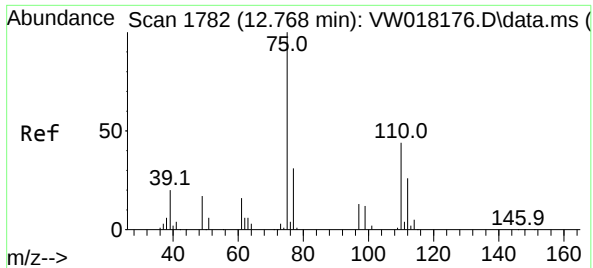


#45
trans-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018181.D
Acq: 17 Feb 2021 12:57

Tgt Ion: 75 Resp: 2849

Ion	Ratio	Lower	Upper
75	100		
77	41.1	22.6	42.0





#59
 1,2,3-Trichloropropane
 Concen: 5.03 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW018181.D
 Acq: 17 Feb 2021 12:57

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion: 75 Resp: 18581
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.6 39.8

