

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018589.D
 Acq On : 07 Apr 2021 18:30
 Operator : SY/VA
 Sample : M1968-10
 Misc : 5.92G/10ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:39:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 05:34:15 2021
 Response via : Initial Calibration

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

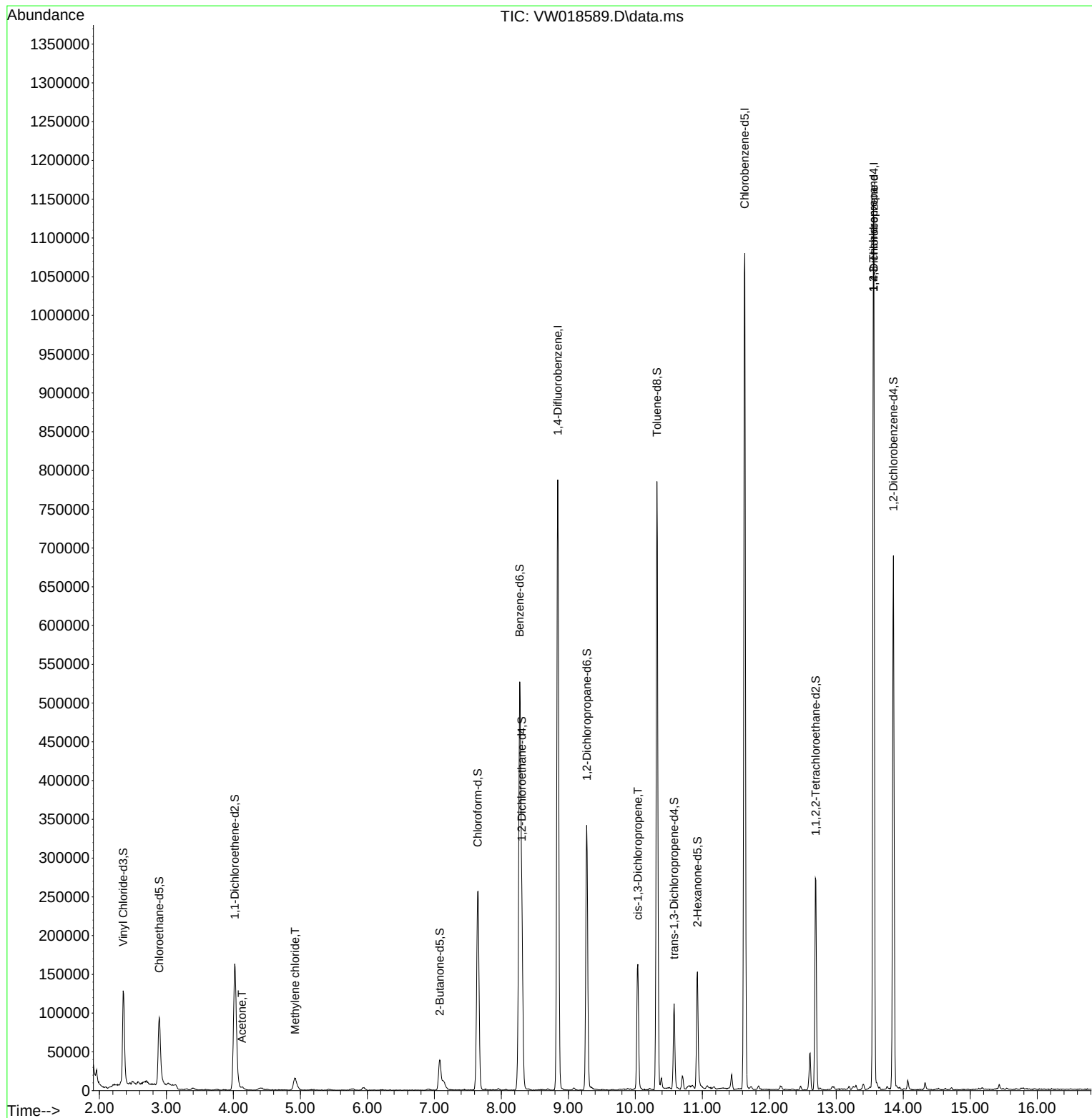
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	654695	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	616130	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	297062	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148735	16.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.32%		
7) Chloroethane-d5	2.892	69	120356	15.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.36%		
10) 1,1-Dichloroethene-d2	4.019	63	177062	11.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	45.04%		
20) 2-Butanone-d5	7.080	46	64673	31.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.78%		
24) Chloroform-d	7.647	84	264121	15.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	63.36%		
26) 1,2-Dichloroethane-d4	8.305	65	161585	16.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	66.40%#		
29) Benzene-d6	8.275	84	526642	16.08	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	64.32%		
33) 1,2-Dichloropropane-d6	9.275	67	152425	16.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	64.52%#		
37) Toluene-d8	10.323	98	518476	16.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	65.76%		
38) trans-1,3-Dichloroprop...	10.579	79	58305	11.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	47.88%		
39) 2-Hexanone-d5	10.927	63	52022	28.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	56.28%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	132960	15.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	62.92%		
61) 1,2-Dichlorobenzene-d4	13.853	152	169868	16.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	64.32%#		
Target Compounds					Qvalue	
13) Acetone	4.129	43	5475	3.76	ug/L	61
16) Methylene chloride	4.922	84	12973	1.21	ug/L	89
42) cis-1,3-Dichloropropene	10.037	75	4836	0.33	ug/L #	72
59) 1,2,3-Trichloropropane	13.554	75	36918	5.81	ug/L	92

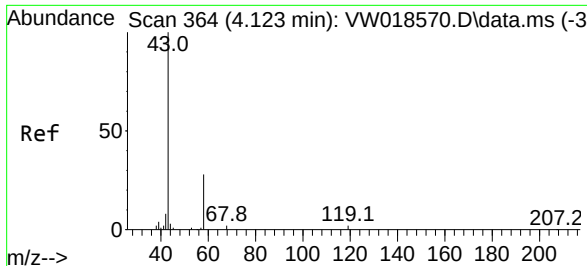
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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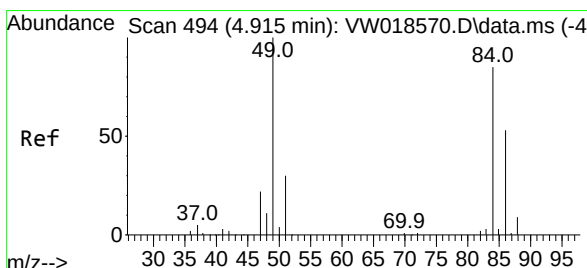
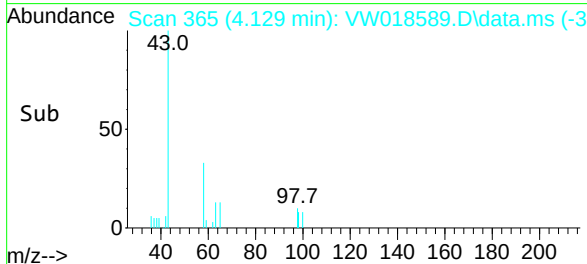
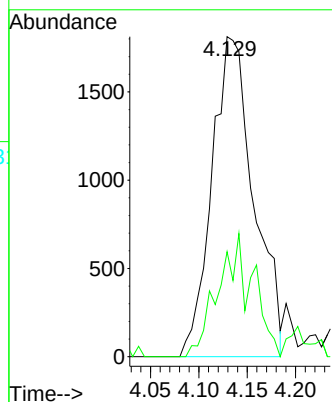
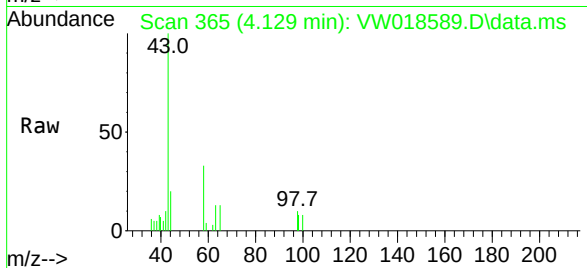




#13
Acetone
Concen: 3.76 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018589.D
Acq: 07 Apr 2021 18:30

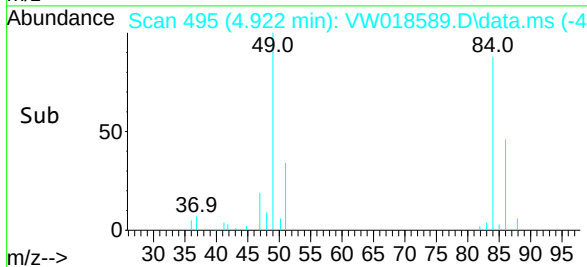
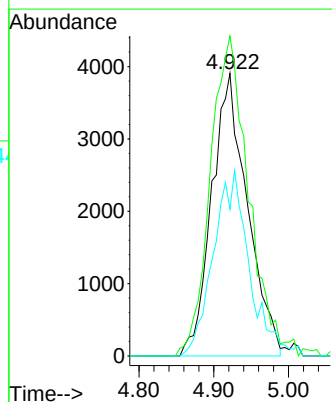
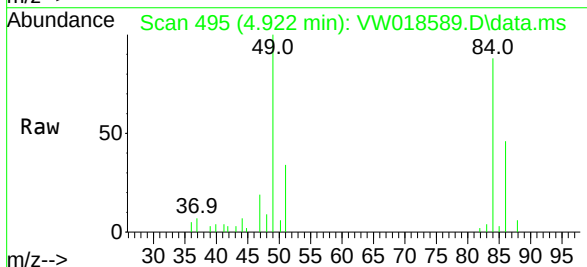
Instrument :
MSVOA_W
ClientSampled :

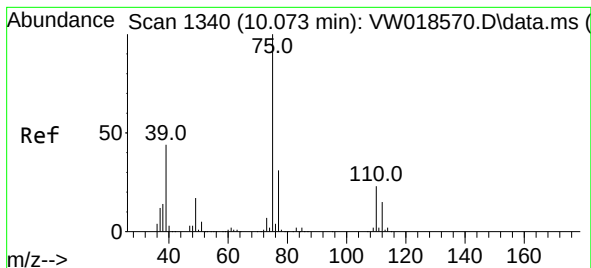
Tgt Ion: 43 Resp: 5475
Ion Ratio Lower Upper
43 100
58 9.6 0.0 62.2



#16
Methylene chloride
Concen: 1.21 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018589.D
Acq: 07 Apr 2021 18:30

Tgt Ion: 84 Resp: 12973
Ion Ratio Lower Upper
84 100
49 113.3 74.4 138.2
86 52.0 46.1 85.7

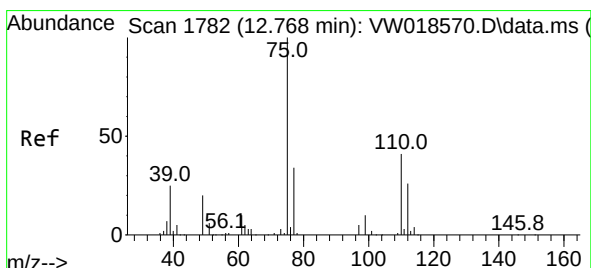
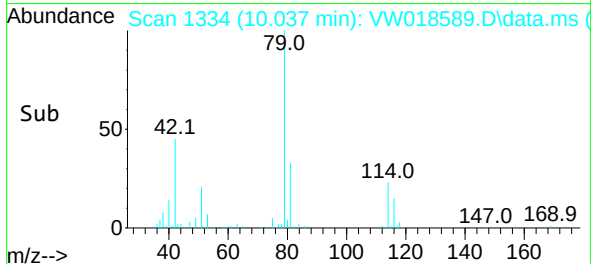
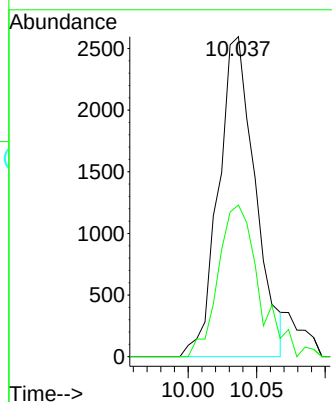
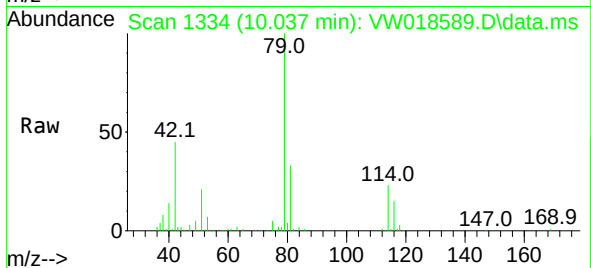




#42
cis-1,3-Dichloropropene
Concen: 0.33 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018589.D
Acq: 07 Apr 2021 18:30

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 4836
Ion Ratio Lower Upper
75 100
77 47.4 22.4 41.6#



#59
1,2,3-Trichloropropane
Concen: 5.81 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.787 min
Lab File: VW018589.D
Acq: 07 Apr 2021 18:30

Tgt Ion: 75 Resp: 36918
Ion Ratio Lower Upper
75 100
77 36.5 25.6 38.4

