

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018592.D
 Acq On : 07 Apr 2021 19:42
 Operator : SY/VA
 Sample : M1968-08
 Misc : 6.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 05:39:44 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)

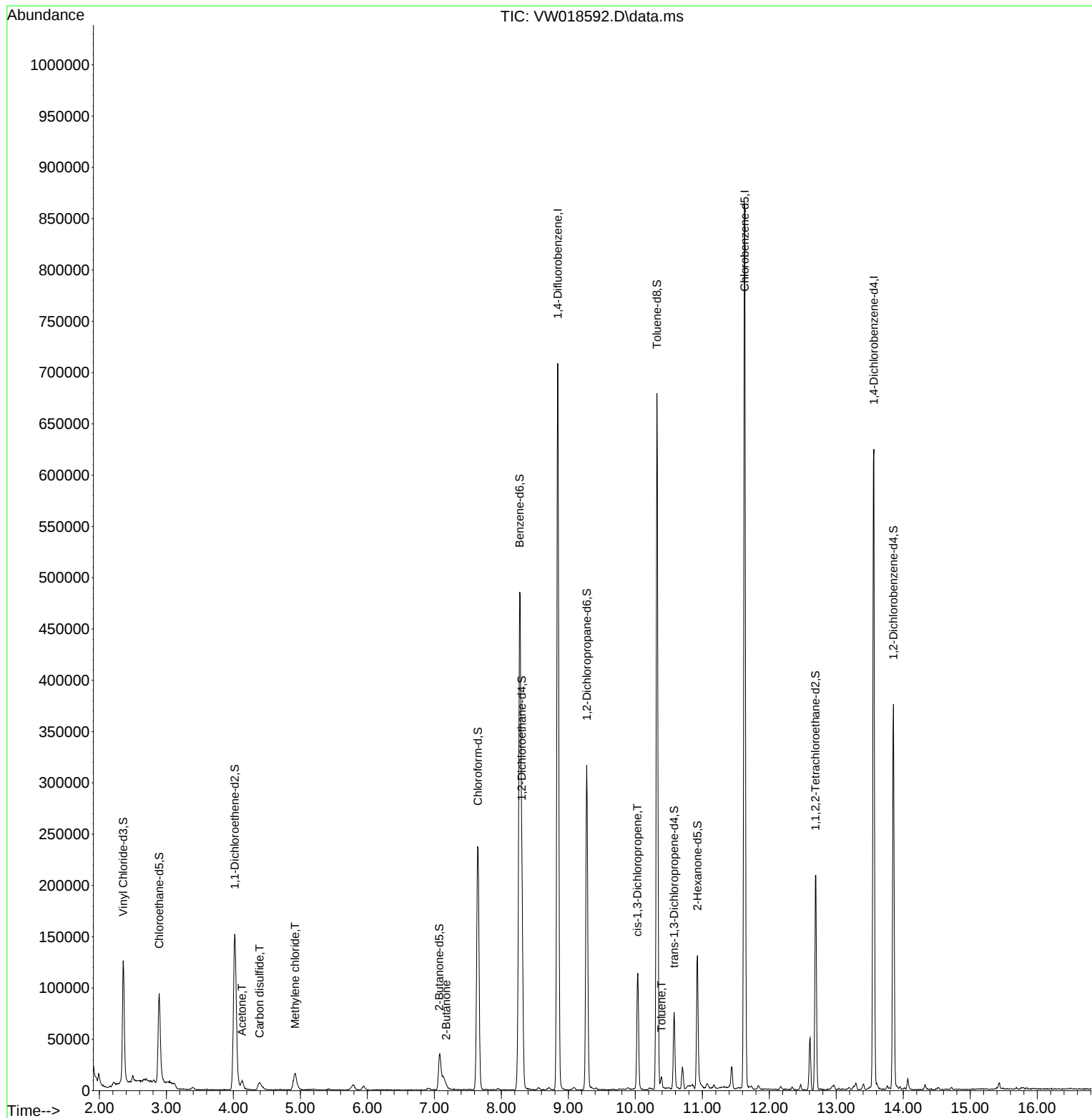
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	591775	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	482411	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	159804	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	138749	16.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.40%			
7) Chloroethane-d5	2.891	69	112642	15.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.52%			
10) 1,1-Dichloroethene-d2	4.019	63	163866	11.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 46.08%			
20) 2-Butanone-d5	7.074	46	58004	31.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 63.28%			
24) Chloroform-d	7.653	84	245049	16.26	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 65.04%			
26) 1,2-Dichloroethane-d4	8.305	65	145489	16.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 66.16%#			
29) Benzene-d6	8.275	84	481725	18.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 75.12%			
33) 1,2-Dichloropropane-d6	9.274	67	139751	18.89	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 75.56%			
37) Toluene-d8	10.323	98	442122	17.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.60%			
38) trans-1,3-Dichloroprop...	10.579	79	38873	10.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 40.76%			
39) 2-Hexanone-d5	10.927	63	44167	30.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.02%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	100864	15.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 60.96%			
61) 1,2-Dichlorobenzene-d4	13.853	152	92110	16.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 64.84%#			
Target Compounds					Qvalue	
13) Acetone	4.129	43	14346	10.89	ug/L	99
14) Carbon disulfide	4.391	76	15055	0.67	ug/L	96
16) Methylene chloride	4.922	84	13583	1.40	ug/L	88
21) 2-Butanone	7.177	43	4305	2.06	ug/L	75
42) cis-1,3-Dichloropropene	10.030	75	3447	0.30	ug/L	89
44) Toluene	10.390	91	8139	0.26	ug/L	85

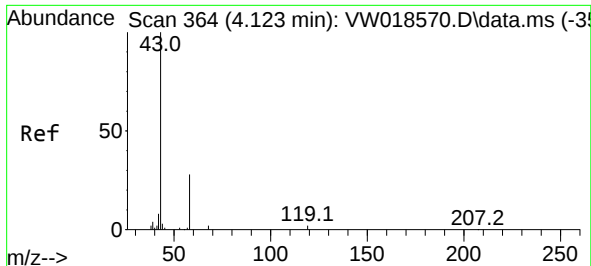
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

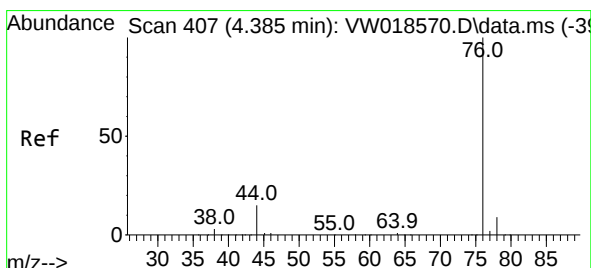
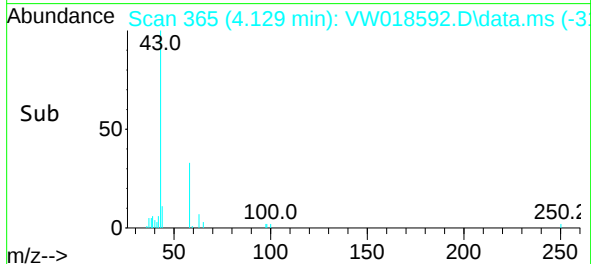
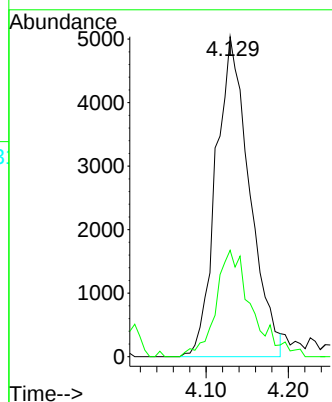
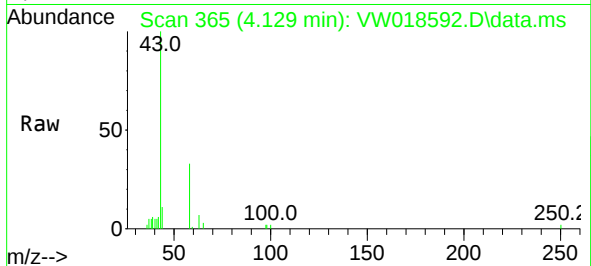




#13
Acetone
Concen: 10.89 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018592.D
Acq: 07 Apr 2021 19:42

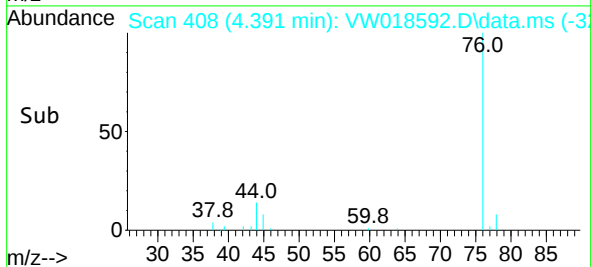
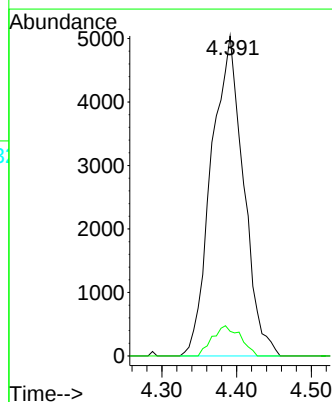
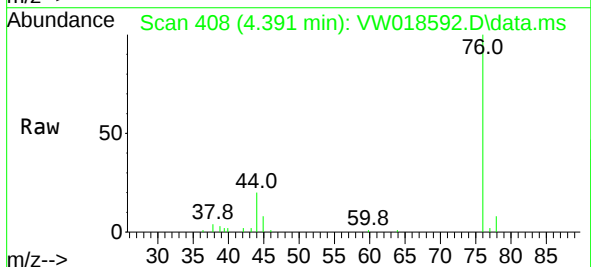
Instrument :
MSVOA_W
ClientSampled :

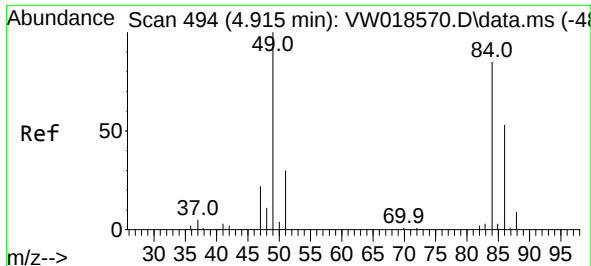
Tgt Ion: 43 Resp: 14346
Ion Ratio Lower Upper
43 100
58 31.8 0.0 62.2



#14
Carbon disulfide
Concen: 0.67 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018592.D
Acq: 07 Apr 2021 19:42

Tgt Ion: 76 Resp: 15055
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.2



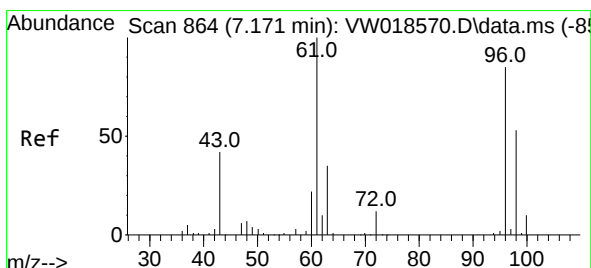
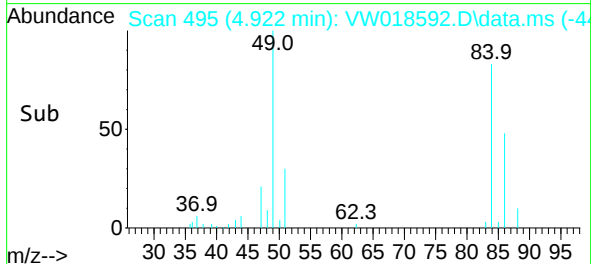
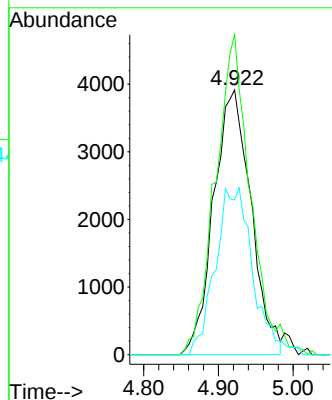
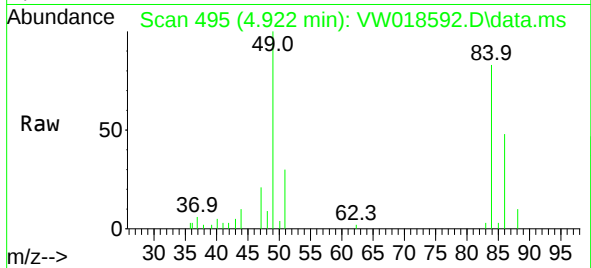


#16
Methylene chloride
Concen: 1.40 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018592.D
Acq: 07 Apr 2021 19:42

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 84 Resp: 13583

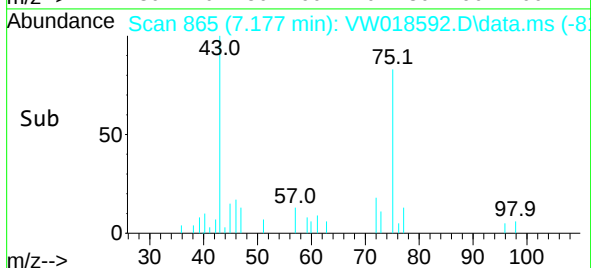
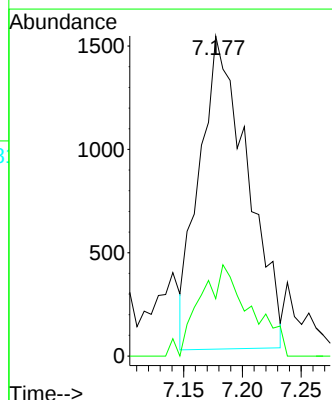
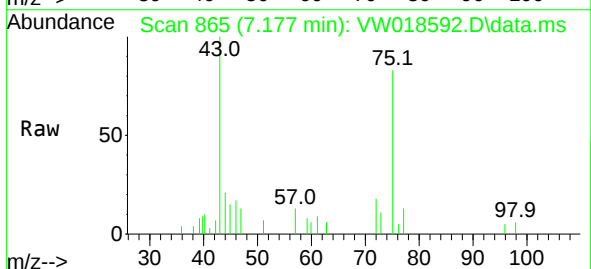
Ion	Ratio	Lower	Upper
84	100		
49	120.8	74.4	138.2
86	58.5	46.1	85.7

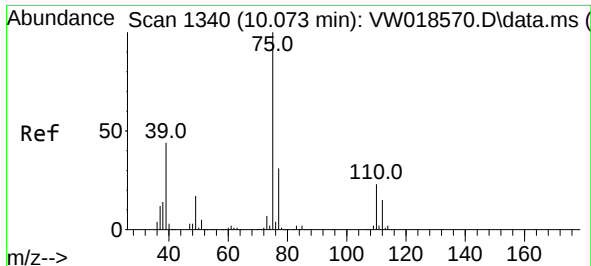


#21
2-Butanone
Concen: 2.06 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW018592.D
Acq: 07 Apr 2021 19:42

Tgt Ion: 43 Resp: 4305

Ion	Ratio	Lower	Upper
43	100		
72	18.8	16.5	49.5

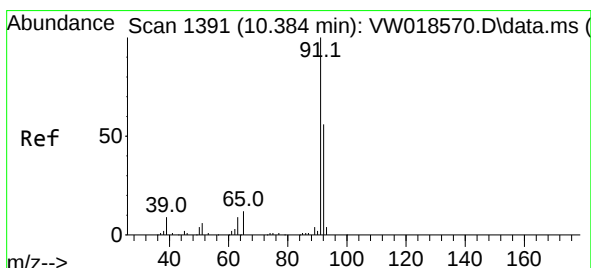
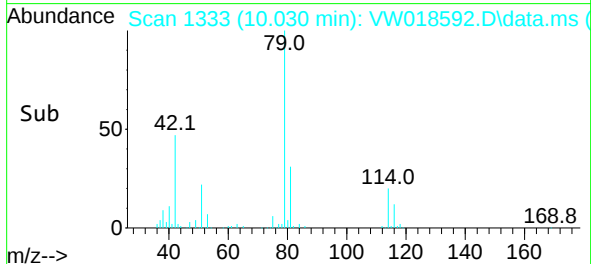
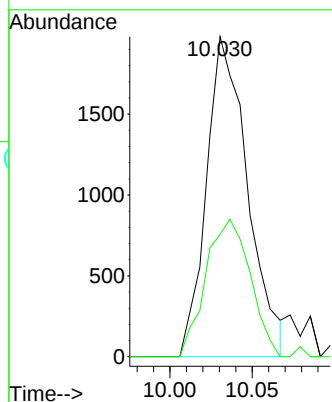
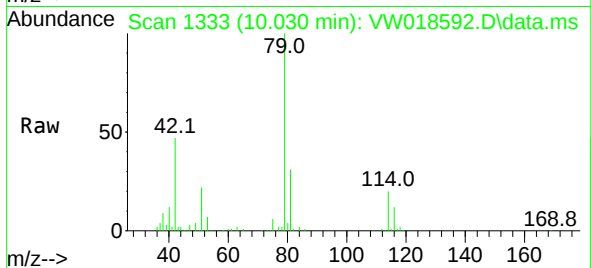




#42
cis-1,3-Dichloropropene
Concen: 0.30 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018592.D
Acq: 07 Apr 2021 19:42

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 3447
Ion Ratio Lower Upper
75 100
77 38.2 22.4 41.6



#44
Toluene
Concen: 0.26 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018592.D
Acq: 07 Apr 2021 19:42

Tgt Ion: 91 Resp: 8139
Ion Ratio Lower Upper
91 100
92 48.9 42.3 78.5

