

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021821\
 Data File : VW018202.D
 Acq On : 18 Feb 2021 11:18
 Operator : SY/VA
 Sample : VIBLK23
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK23

Quant Time: Feb 18 13:35:41 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)

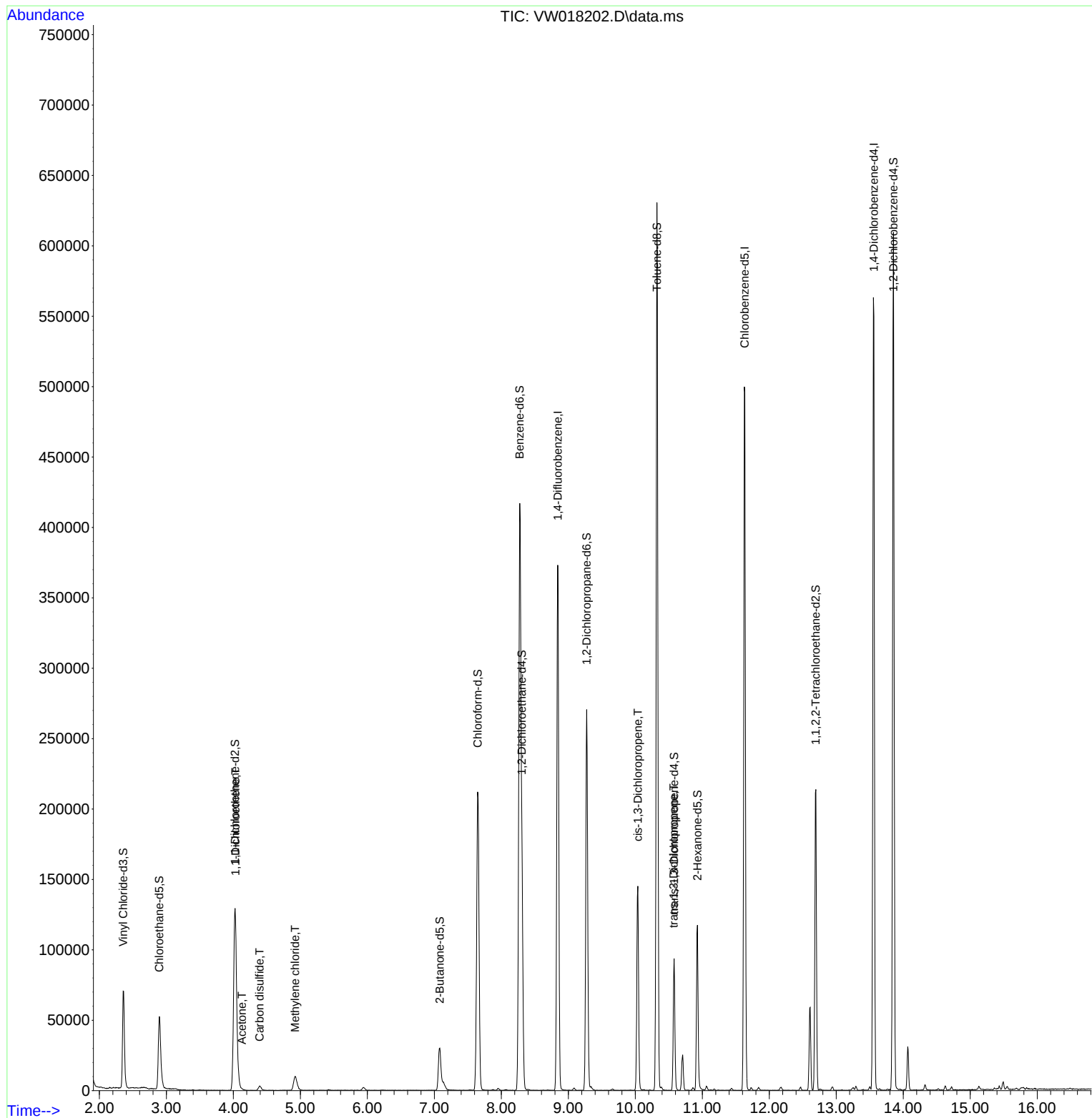
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	342523	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	305089	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	165464	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	85201	20.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.04%		
7) Chloroethane-d5	2.891	69	75534	22.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.44%		
10) 1,1-Dichloroethene-d2	4.025	63	142170	16.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.84%		
20) 2-Butanone-d5	7.080	46	50574	44.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.04%		
24) Chloroform-d	7.647	84	228792	25.45	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.80%		
26) 1,2-Dichloroethane-d4	8.305	65	115316	24.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.36%		
29) Benzene-d6	8.275	84	448931	26.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.20%		
33) 1,2-Dichloropropane-d6	9.274	67	127296	27.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	108.68%		
37) Toluene-d8	10.323	98	427137	26.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.20%		
38) trans-1,3-Dichloroprop...	10.579	79	54521	25.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.68%		
39) 2-Hexanone-d5	10.927	63	43079	48.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.18%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	107122	26.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.12%		
61) 1,2-Dichlorobenzene-d4	13.853	152	167250	28.33	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	113.32%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.032	96	1475	0.32	ug/L #	1
13) Acetone	4.129	43	371	0.44	ug/L	69
14) Carbon disulfide	4.391	76	3936	0.30	ug/L #	89
16) Methylene chloride	4.922	84	9826	1.79	ug/L	90
42) cis-1,3-Dichloropropene	10.037	75	3667	0.56	ug/L #	78
45) trans-1,3-Dichloropropene	10.573	75	2490	0.43	ug/L	86

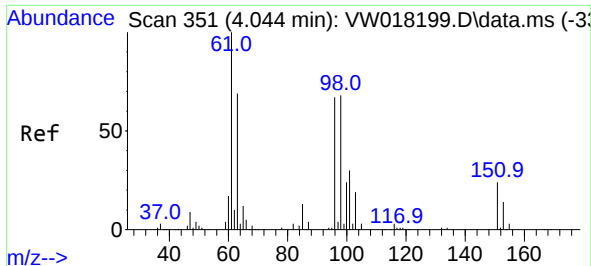
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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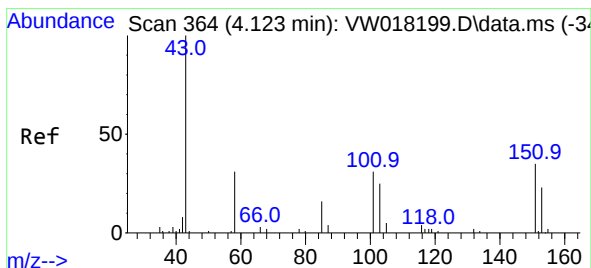
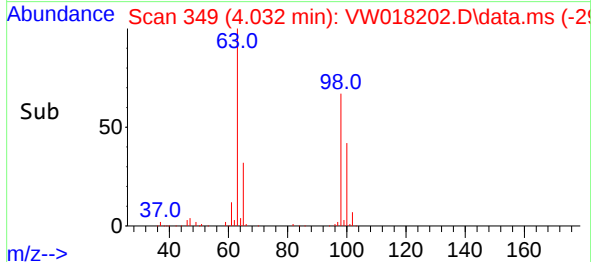
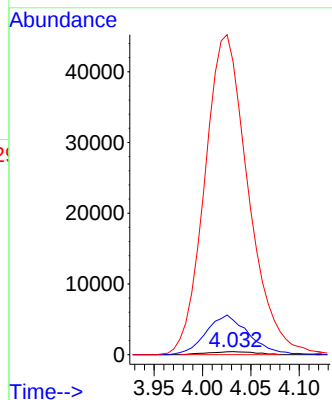
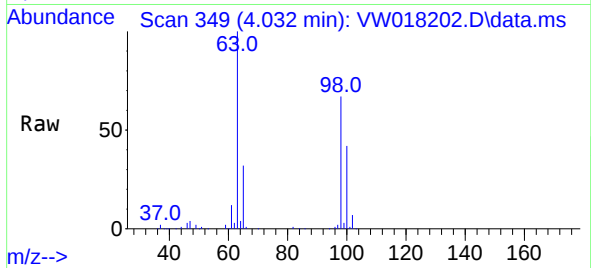




#12
1,1-Dichloroethene
Concen: 0.32 ug/L
RT: 4.032 min Scan# 349
Delta R.T. -0.012 min
Lab File: VW018202.D
Acq: 18 Feb 2021 11:18

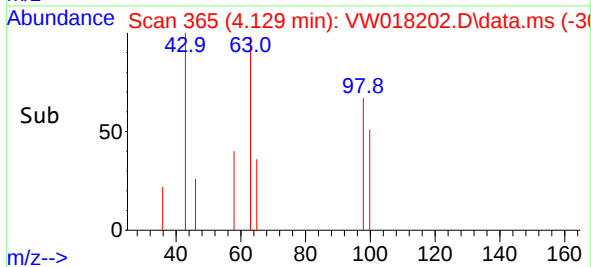
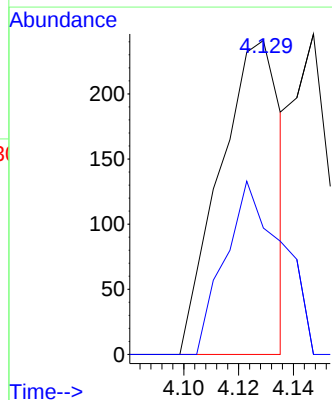
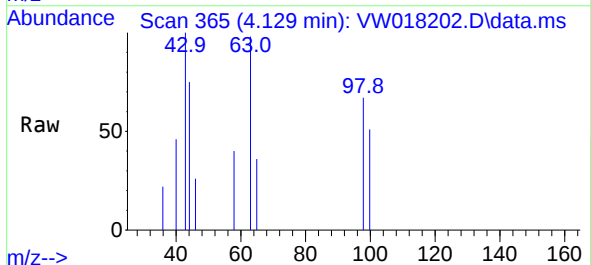
Instrument :
MSVOA_W
ClientSampled :
VIBLK23

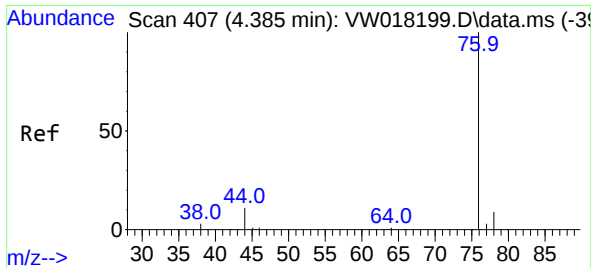
Tgt Ion: 96 Resp: 1475
Ion Ratio Lower Upper
96 100
61 1115.0 112.5 208.9#
63 9407.7 83.1 154.3#



#13
Acetone
Concen: 0.44 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018202.D
Acq: 18 Feb 2021 11:18

Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
58 52.0 0.0 68.4

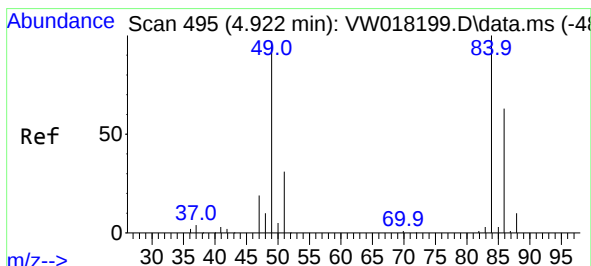
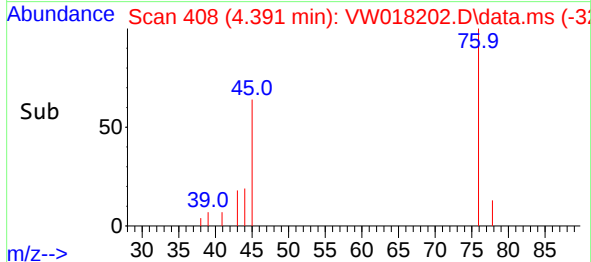
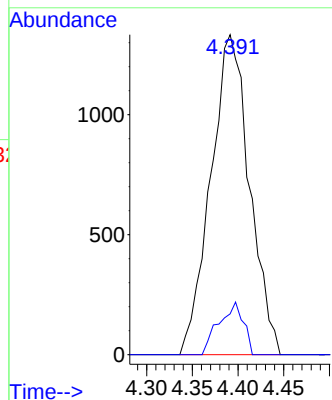
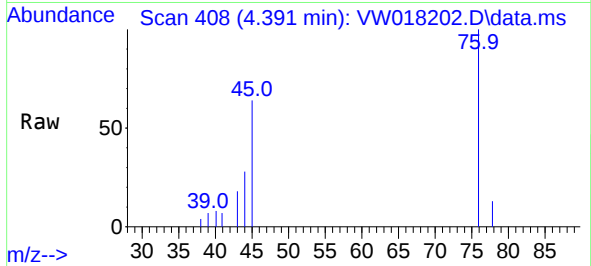




#14
Carbon disulfide
Concen: 0.30 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018202.D
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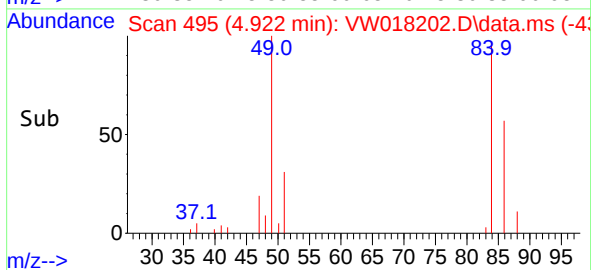
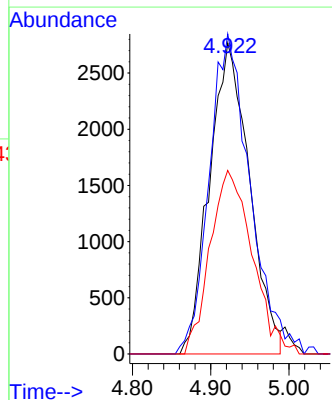
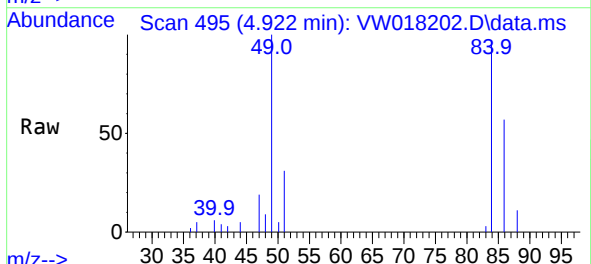
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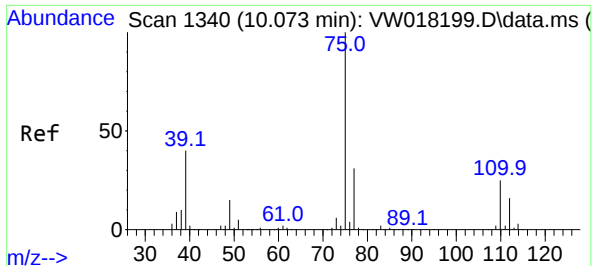
Tgt Ion: 76 Resp: 3936
Ion Ratio Lower Upper
76 100
78 12.8 7.0 10.4#



#16
Methylene chloride
Concen: 1.79 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018202.D
Acq: 18 Feb 2021 11:18

Tgt Ion: 84 Resp: 9826
Ion Ratio Lower Upper
84 100
49 102.9 81.2 150.8
86 59.0 44.5 82.7

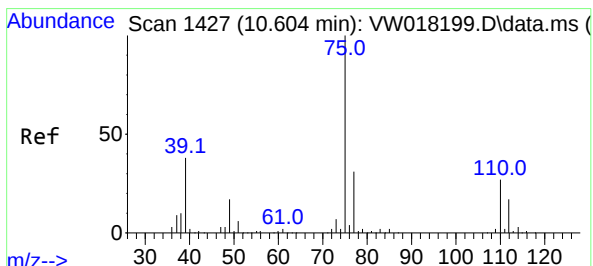
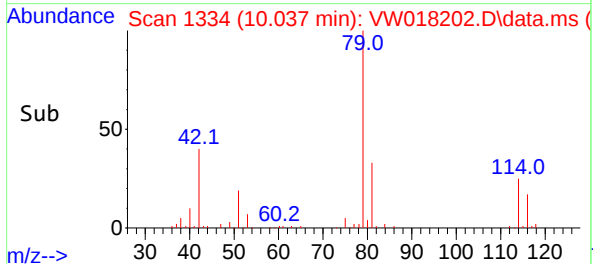
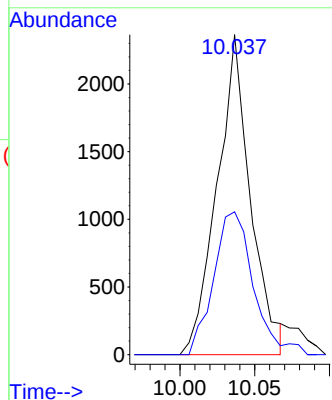
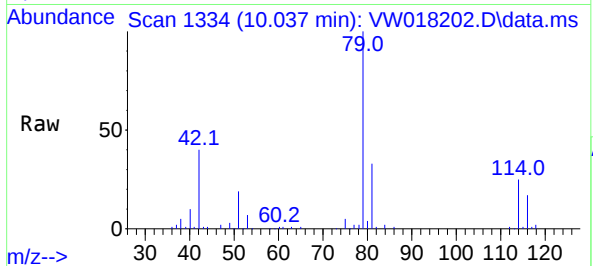




#42
cis-1,3-Dichloropropene
Concen: 0.56 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018202.D
Acq: 18 Feb 2021 11:18

Instrument :
MSVOA_W
ClientSampled :
VIBLK23

Tgt Ion: 75 Resp: 3667
Ion Ratio Lower Upper
75 100
77 44.7 22.7 42.3#



#45
trans-1,3-Dichloropropene
Concen: 0.43 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018202.D
Acq: 18 Feb 2021 11:18

Tgt Ion: 75 Resp: 2490
Ion Ratio Lower Upper
75 100
77 40.1 22.6 42.0

