

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041321\
 Data File : VW018636.D
 Acq On : 13 Apr 2021 12:29
 Operator : SY/VA
 Sample : VW0413SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK25

Quant Time: Apr 14 01:26:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 01:25:39 2021
 Response via : Initial Calibration

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

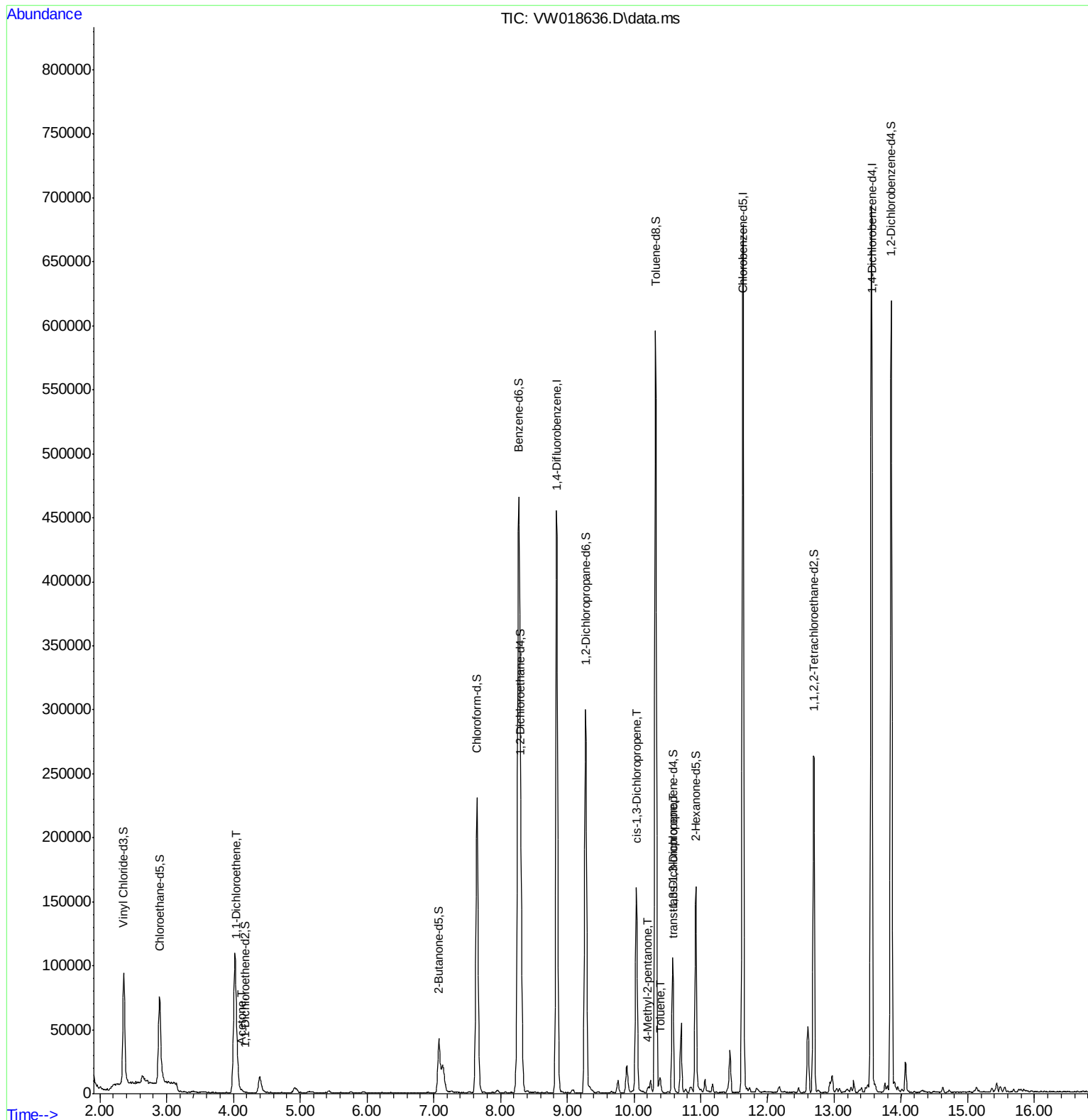
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	385497	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	370442	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	179481	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103688	19.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.32%		
7) Chloroethane-d5	2.892	69	94399	20.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.40%		
10) 1,1-Dichloroethene-d2	4.178	63	129	0.01	ug/L	0.16
Spiked Amount 25.000	Range 45 - 110		Recovery =	0.04%#		
20) 2-Butanone-d5	7.080	46	69449	58.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	116.30%		
24) Chloroform-d	7.647	84	235311	23.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.88%		
26) 1,2-Dichloroethane-d4	8.305	65	142821	24.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.68%		
29) Benzene-d6	8.275	84	433508	22.01	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.04%		
33) 1,2-Dichloropropane-d6	9.275	67	132321	23.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.16%		
37) Toluene-d8	10.323	98	394126	20.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.16%		
38) trans-1,3-Dichloroprop...	10.579	79	57878	19.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.04%		
39) 2-Hexanone-d5	10.927	63	54750	49.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.50%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	128732	25.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.32%		
61) 1,2-Dichlorobenzene-d4	13.853	152	146470	22.95	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.80%		
Target Compounds						
12) 1,1-Dichloroethene	4.038	96	1438	0.30	ug/L #	1
13) Acetone	4.123	43	1139	1.33	ug/L	81
42) cis-1,3-Dichloropropene	10.037	75	5323	0.60	ug/L #	79
43) 4-Methyl-2-pentanone	10.207	43	4227	1.34	ug/L #	80
44) Toluene	10.390	91	8297	0.34	ug/L	91
45) trans-1,3-Dichloropropene	10.585	75	3493	0.44	ug/L	92

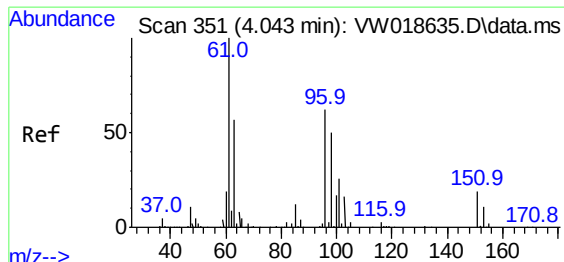
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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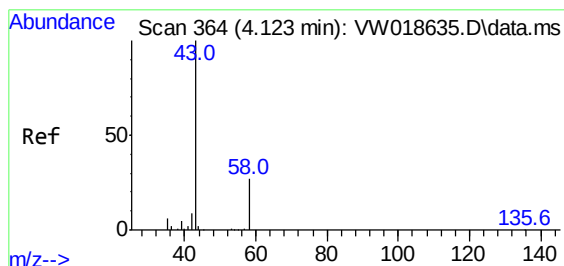
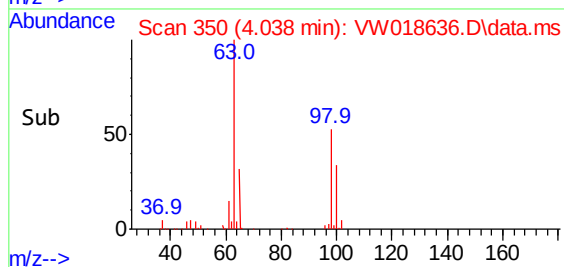
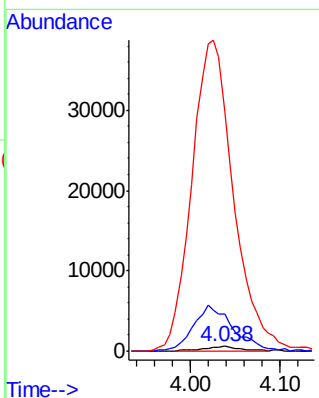
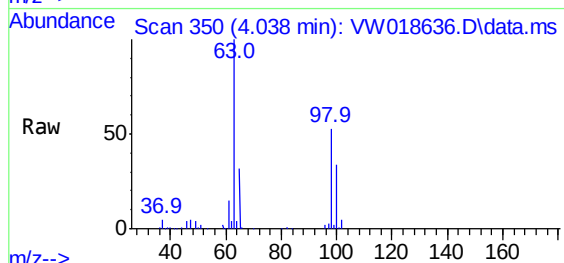




#12
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW018636.D
Acq: 13 Apr 2021 12:29

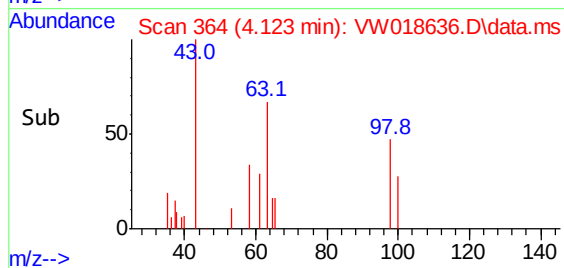
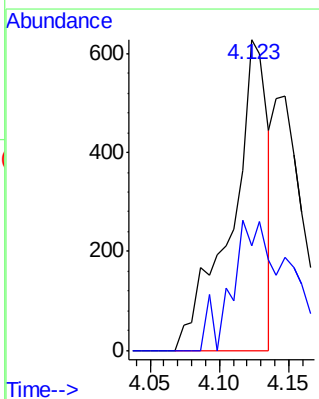
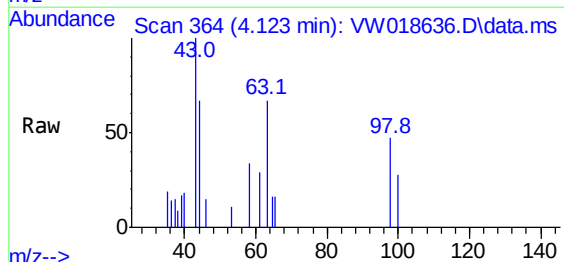
Instrument :
MSVOA_W
ClientSampleId :
VBLK25

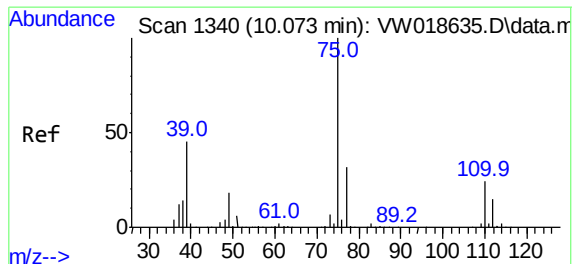
Tgt Ion: 96 Resp: 1438
Ion Ratio Lower Upper
96 100
61 872.0 118.6 220.2#
63 5728.7 82.4 153.0#



#13
Acetone
Concen: 1.33 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018636.D
Acq: 13 Apr 2021 12:29

Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 41.6 0.0 62.2

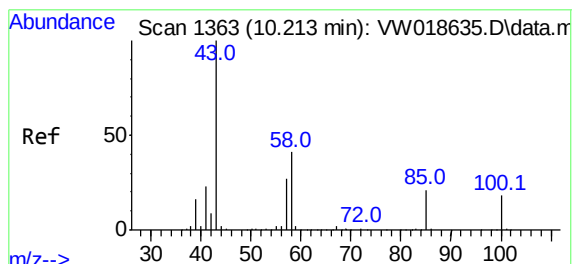
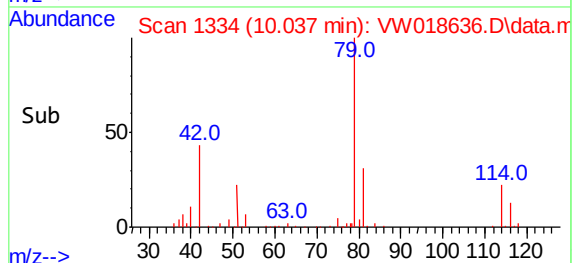
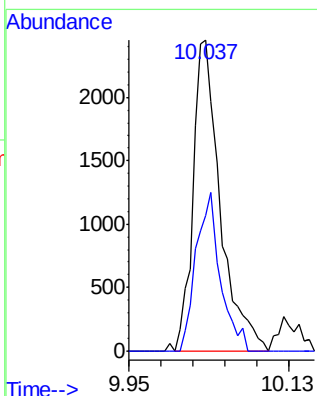
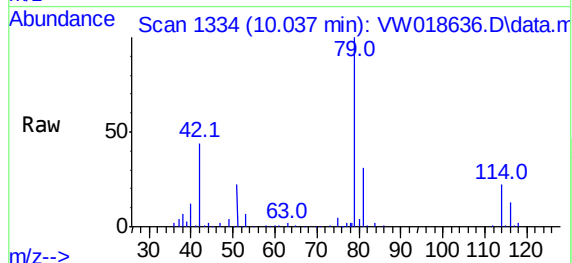




#42
cis-1,3-Dichloropropene
Concen: 0.60 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018636.D
Acq: 13 Apr 2021 12:29

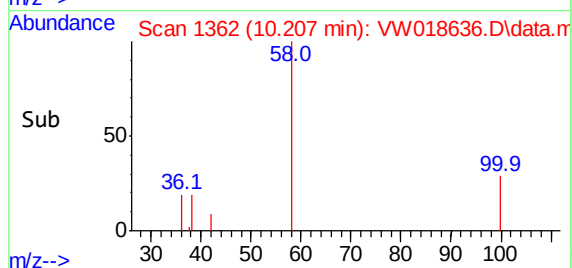
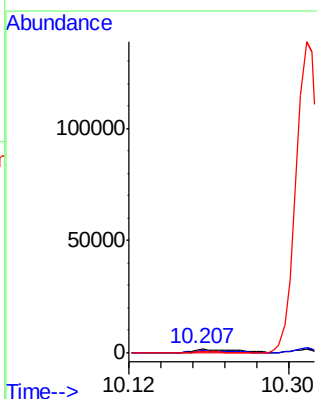
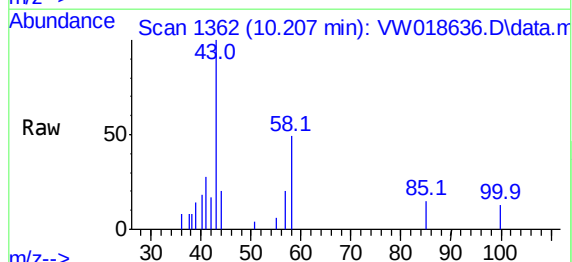
Instrument :
MSVOA_W
ClientSampled :
VBLK25

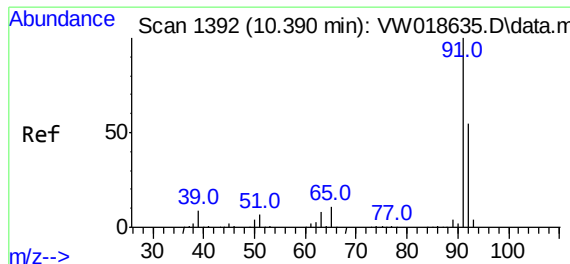
Tgt Ion: 75 Resp: 5323
Ion Ratio Lower Upper
75 100
77 43.7 22.4 41.6#



#43
4-Methyl-2-pentanone
Concen: 1.34 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW018636.D
Acq: 13 Apr 2021 12:29

Tgt Ion: 43 Resp: 4227
Ion Ratio Lower Upper
43 100
58 29.5 34.8 52.2#
100 12.3 15.9 23.9#

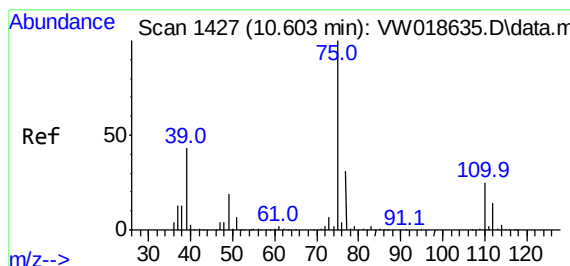
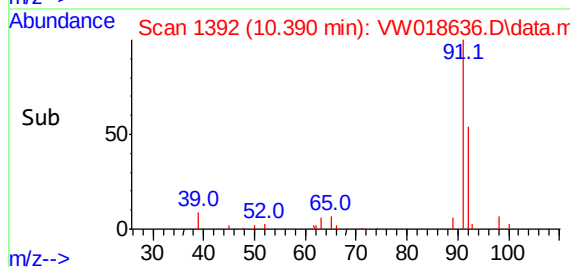
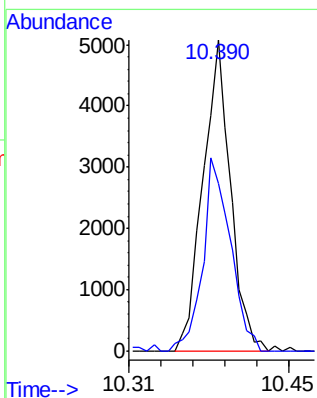
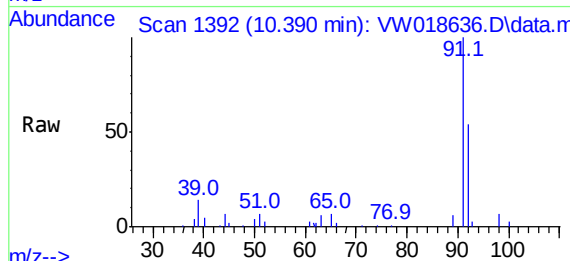




#44
Toluene
Concen: 0.34 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018636.D
Acq: 13 Apr 2021 12:29

Instrument :
MSVOA_W
ClientSampled :
VBLK25

Tgt Ion: 91 Resp: 8297
Ion Ratio Lower Upper
91 100
92 53.7 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 0.44 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018636.D
Acq: 13 Apr 2021 12:29

Tgt Ion: 75 Resp: 3493
Ion Ratio Lower Upper
75 100
77 36.5 22.6 42.0

